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REPORT OF THE BLUEFIN WORKSHOP

Tsukuba/Shimizu, Japan, August 31-September 8, 1983

1. Opening of the Meeting

The Bluefin Workshop was held by the invitation of Japan on August 31-September 2 at the Tsukuba Office of the Research Council Secretariat of the Ministry of Agriculture and Forestry, Tsukuba; and on September 5-8 at the Far Seas Fisheries Research Laboratory (FSFRL), Shimizu.

Dr. S. Morita, Director of the Pelagic Resources Division of the Far Seas Fisheries Research Laboratory, welcomed all the participants in his opening address. Dr. I. Ikeda, Director of the FSFRL addressed the participants on the first day of the Shimizu session, emphasizing the significance of this meeting.

2. Arrangements for the meeting

Mr. M. Parrack (U.S.A.) served as the Convener at the meeting in Tsukuba and Mr. Z. Suzuki (Japan) served as the Convener at the Shimizu meeting. Dr. P. M. Miyake (Secretariat) and M. Parrack (U.S.A.) served as rapporteurs. The list of participants is attached as Appendix 2.

3. Adoption of Agenda

The tentative agenda circulated earlier by the Secretariat was adopted with slight changes. Agenda items 1-4 were taken up at the Tsukuba meeting and items 5-9 were the subject of discussion at the Shimizu meeting.

4. Review of catch-by-size data

4.1 Methodology of transformation of samples to catch

The report of the Preparatory Meeting held in Trapani, Italy, in May, 1983, was reviewed by the Workshop. The methodology used to transform samples to catch was described in the report and the Appendix prepared by the Secretariat. They were reviewed and agreed upon at the Workshop.

The Trapani Report was slightly modified in order to reflect suggestions made by Workshop participants. The text of the Report and the Appendix are attached as Appendix 3. Tables A-B* of the Appendix to the Trapani Report were critically reviewed by the Workshop. Thus many changes were introduced.

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*Table A – Bluefin catch, size data and substitutions of size data as agreed upon by east and west Atlantic and Mediterranean.

Table B – Annual bluefin catch-by-size by fishery and by east and west Atlantic and Mediterranean, 1960-1981.

4.2 Identification of matching size samples to catches

4.3 Review of the data substitutions used

Table A in the Appendix to the Trapani Report was studied for data matching and substitutions. The group reviewed critically problem 2 on page 3 of the Report. Noting that discrepancies can be expected between officially reported catch (in weight, Task I) and weight estimated by multiplying reported numbers of fish by average weight derived from size frequencies, the group indicated that there could be three major sources of errors: Task I weight is inaccurate (in the case of Japan's longline data from earlier years, gilled and gutted weight seems to have been reported); size frequencies are not representative (due to either biased sample or improper data substitution); or different length-weight relationships used.

The Japanese longline data for some years show very substantial differences between the two sets of weight estimates. Thus the group concluded that the substitutions adopted for the catch in 1960-63 at the time of the Trapani meeting were not optimum and decided to change the data substitutions. The new substitutions produce less discrepancies between reported and estimated catch weight.

Other changes were introduced in Table A and new information was added. The group noted that the U.S. catch-by-size tables do not match the Task I catches and decided to show catches presented at this time in Table A rather than Task I statistics.

The group noted that in Tables A and B when catches are shown only in weight, the catch weight is transformed into catch at length. However, when catches are listed in weight and number, the numbers caught are transformed to number of fish caught at length, and the catch in weight was not used to derive the catch at length.

4.4 Seasonality of catch data

To transform the catch-by-size data to catch-by-age (or cohorts), it is essential to know the time of year of catch. Since the catch tables (Table B) prepared at the Trapani meeting are on an annual basis, it will be necessary to remake the whole data base. Here, two problems exist. First, in many instances the month of catch is unknown or must be obtained from a literature search. Second, the time required to restructure the data base does not allow the work to be completed before this year's ICCAT SCRS Meeting. In order to deal with these problems, the group decided as follows:

For *coastal fisheries*, it identified the fishing season and assigned the annual catch-by-size to that particular quarter; for *longline fisheries*, it used the Japanese longline data to establish the quarter distribution of catch.

Keeping this in mind, the Workshop reviewed each fishery and added information and/or instructions about seasonality (as shown in Table A).

The major problems found are as follows:

a) Japanese longline catches for 1960-1970

Estimates of quarterly length-specific catches for 1971-1981 were available. However, catches for 1960-1970 were not divided by quarter. For these catches, the group chose to allocate the catch-at-length to quarters according to the proportional catch distributions (in number of fish) reported in Task II catch data.

b) Fisheries where the quarter of catch is not known

Unsampled catches have been sized by sample substitution and often the months when the catches were actually made are unknown or different from the season from which the matched size data are taken. In general, the quarter that size samples were taken was used to assign the catch. However, when the sampling time was widespread and/or unknown, the

quarters when the catches were made were assigned. All the quarters assigned to each fishery are added to Table A and a Revised Table A is appended to this Report.

c) Catch-by-size table in finer level of time resolution

It was recognized that for some fisheries, catches and size samples are available by month or quarter. The group recommended that the catch-by-size table should be reconstructed by next year using this information.

For those fisheries for which no adequate seasonal catch and size data are available, the quarterly catch-by-size table agreed upon at this time should be maintained after verification.

4.5 Examination of catch-by-size table presented

The above discussion resulted in modification of Tables B and C. There was not enough time to subdivide by season the longline catches of Japan and other countries. Therefore, only hard copies which can be used for the work were distributed to the participants.

4.6 Examination of limitations of catch-at-length tables

The Working Group recognized three general problems: unsampled catches, poorly sampled catches, and unreported catch. It examined the large numbers of substitutions necessary to generate the catch-at-length tables, noting that the occurrence of such substitutions is very high. Mr. T. Nagai of the FSFRL submitted a preliminary study of those tables noting that a large number of substitutions was employed for the west Atlantic previous to 1969. The Working Group acknowledged that although there is a gradual increase in the number of size frequency samples through time, east Atlantic and Mediterranean Sea catches were, for the most part, unsampled; hence the number of substitutions used is extensive.

It was also noted by Mr. Nagai and discussed by the Workshop that the numbers of fish sampled have been low in many cases and unrecorded in others. In a large number of cases where samples were taken and the sample size recorded, the sample size was insufficient to obtain a 20 percent precision level. The group also noted that frequently the month the sample was taken was not recorded, that the kind of size measure made is often not reported, and that the number of fish sampled is also not reported. In considering these deficiencies, the Working Group became concerned that, although nothing can be done about such deficiencies in the past, they should not continue. In that regard the group recommends that SCRS consider this problem this year and adopt a set of standards for bluefin size frequency sampling and structure a mechanism to police the reporting of such samples.

As referenced in the Report of the Trapani Meeting, the Working Group also noted the absence of reports of catches of age 0 fish in Mediterranean Sea fisheries. The Working Group recognized this problem as an important one requiring action. The Working Group also noted inadequacies in catch statistics in specific Mediterranean Sea fisheries as described in the Trapani Report and urges the SCRS to consider contracting an agency to improve all data from these fisheries, including catches of age 0 fish and size frequency samples.

4.7 Transformation of catch-at-length to catch-at-age

The Workshop considered three types of problems that may be encountered when converting length to age by employing growth equations. Sexual dimorphic growth, large differences in abundance between cohorts, and large differences in the growth of individuals introduce possible bias. Some indication of sexual dimorphism exists in that males tend to be larger than females as in other tunas. The Workshop intends to investigate this phenomenon further as data become available. The Workshop members discussed the possibility of

stochastic growth and concluded that aging algorithms used in future analyses should account for differences in growth between individuals. Finally, the effect of large differences in cohort strength on age estimates was discussed. It was concluded that such differences could produce estimation bias and hence such bias should be explored for those age estimation procedures used in future analyses.

5. Consideration of alternative assessment techniques applicable to bluefin tuna and alternative use of data (e.g., catch at length)

The use of CPUE-based analysis of surplus production was discussed by the group. A number of ideas were expressed as to why such techniques may not prove appropriate in the case of Atlantic bluefin. The group acknowledged that standardization of fishing effort is the largest problem because of the large number of distinct fisheries which cannot be standardized to a single measure. The group recognized that since these many fisheries are very distinct in time and space and because the different gears used are precisely adapted to the behavior of the age-specific groups of fish, an overall accurate CPUE index of abundance cannot be obtained. It was recognized that due to the long life of Atlantic bluefin, the very large increase in weight through the life span and the existence of large fluctuations in year-class abundance, such methods are not likely to be appropriate. The general idea, however, to gain insight as to population history was considered useful.

The use of the CPUE to index abundance was considered to be a useful tool for estimating year classes and spawning population. In this regard, a table is attached listing CPUE data availability and characteristics of major Atlantic bluefin fisheries.

The group considered several other alternative assessment techniques. These include:

a) Hydro-acoustic surveys to establish an index of spawning population size.

b) Consideration of egg and larval surveys to estimate spawning stock size.

c) Aerial over-flight data to index recruitment strength.

d) Mark-recapture data to estimate population size.

e) Sequential population analyses (e.g., VPA, cohort analyses).

f) Analysis of catch-at-length other than VPA.

g) Establishment of the relationship between recruitment abundance and environmental conditions during early life.

6. Application of VPA to the bluefin tuna data base

Following a suggestion by the SCRS, the Japanese Government invited Dr. W. G. Doubleday (Canada), a scientist well experienced in VPA application in fields other than tuna. He addressed the application of catch-at-age-based analysis to Atlantic bluefin data. These considerations are reported in document SCRS/83/26. Particular problems included incomplete sampling, age estimation errors, unknown migration rates, changes in fishing patterns and catchability, lack of recruitment index, and inadequate analysis of the mark and recapture data.

The group considered these items paramount and also was concerned with methods of tuning or calibrating such analyses. In this regard, an analysis of catch and effort data was considered important, particularly analyzing such data on the smallest spatial and temporal resolution possible. Monthly $1^{o}x1^{o}$ area Japanese longline data should be isolated for future analysis. Also, the group recommended that the performance of any tuning or calibration method used in future analyses be documented.

After a lengthy discussion, the group recommended that the natural mortality rates from 0.1 to 0.18 be used for bluefin.

Transformation of the catch-at-size data into the age group was discussed and the group recommended that such transformations used in future analyses account for variation and growth rates between individuals. Furthermore, examination of U.S. and Canadian size

data by sex shows differences in length-specific sex ratio. Such data should be employed in future analyses to establish sex ratio in the catch and to derive parameters for sex-specific growth models. Although sex-specific mortality rates may offset any differences in growth rates, the group concluded that such phenomena should be investigated.

The underestimation of longline catches resulting from not recording of mutilated fish was discussed and it was decided that mutilation rates must be estimated if available data permits and the longline catch data must be adjusted.

The group considered the very large number of age-classes included in past analyses and difficulties experienced in transforming the catch-at-length table to an age table. Consequently, a large year-class tends to be underestimated and a small year-class tends to be overestimated; hence, the variations in strength between cohorts are smoothed. The group concluded that these older ages in the catch tables should be combined into a single category for analysis purposes. Such treatment of older-aged fish in the analyses and the use of stochastic ageing methods likely preclude possibly skewed catch tables. If future catch tables contain truncated catches from specific cohorts, it was agreed that analysis procedures will not assume that the cohort did not live beyond the last year of catch. Here the use of $Z = M$ will be used to project the population forward.

The group recognized the importance of establishing mixing rates between east and west populations and concluded that X-ray analysis of micro-elements in the hard parts laid down at different stages of the life span would allow estimates of the frequency and periodicity of transatlantic migration. The feasibility and cost of such analyses need to be determined. The group also considered that the studies of distributions of bluefin parasites and those of parasites themselves may be useful in investigating the mixing rate of tuna.

Recognizing all these difficulties, the group found that there is no other analysis which would be more effective in population analyses for the Atlantic bluefin tuna than VPA and improvements as discussed should be promptly introduced.

7. Future work schedule

Projects requiring future action are as follows:

a) Assemble a data file on west Atlantic mark-recapture data and forward it to the ICCAT Secretariat. The U.S.A. is responsible for forwarding this file by April 1, 1984.

b) Analyze all mark-recaptures by October 1, 1984. Spain, Japan and the U.S.A. are responsible for such investigations.

c) Analyze U.S.A. rod-and-reel CPUE for recruitment index. A preliminary analysis will be carried out by the U.S.A. by November, 1983.

d) Analyze 1^{o}-square longline CPUE. This analysis will be carried out on a high priority basis jointly by interested countries as soon as the data are available. Japan is responsible for making the data available by April 1, 1984.

e) It was recognized that reported longline catches are biased low because fish mutilated by sharks and marine mammals are not included in reported statistics. These amounts should be estimated and reported to the SCRS by November, 1984. The U.S.A. is responsible for this report.

f) Refine the time resolution of the catch-at-length data. All countries are responsible for submitting to ICCAT such catch-at-length data by the finest resolution available (not less than one month) by March, 1984. The ICCAT Secretariat shall, in collaboration with other national scientists as required, derive such data that remains unreported.

g) Noting the deficiencies in catch and size frequency data described in paragraph 4.7 and realizing these deficiencies should not continue, the SCRS should adopt this

year a set of standards and structure a mechanism to insure that such standards are maintained.

h) The Workshop recognized the need to establish the frequency and periodicity of transatlantic migrations. Here, the X-ray analysis of micro-elements in hard parts was viewed as a likely method. The U.S.A. is responsible for determining the cost of analysis of a small number of fish by the November, 1984, SCRS Meeting.

i) Investigate the use of over-flight data to index recruitment abundance. It was determined that all countries should obtain verbal reports from "spotter pilots" and discuss the feasibility of the method at the November, 1983, SCRS Meeting.

j) Analyze egg and larvae research cruise survey data to index spawning stock abundance. It was pointed out that the U.S.A. was collecting such data on an on-going basis and that the time series was not yet sufficient. Spain will investigate data from the Mediterranean Sea.

k) Appraise the use of hydro-acoustic data to index spawning populations. Through correspondence, the U.S.A., Canada, and perhaps Japan will collaborate to submit a report at the November, 1984, SCRS Meeting.

l) In response to the need to compile dependable statistics for the Mediterranean Sea fisheries, it is recommended that the work be contracted to an outside agency. It is the responsibility of the ICCAT Secretariat to study the feasibility of contracting such work and report its findings at the November, 1983, SCRS Meeting.

m) Isolate sex ratio at length data. Spain, Canada, Japan and the U.S.A. are responsible for submitting documents listing these basic data at the November, 1983, SCRS Meeting.

n) Use sex ratio at length data to estimate sex-specific growth parameters by simulation. France will provide the results of such simulations by April, 1984.

Considering the importance and magnitude of the above items and the time period required to achieve them, it is unlikely that stock assessments carried out before 1984 will add significantly to those that were made previously. Specifically, items a-f and m-n must be completed first.

Items that must be addressed in future assessments presented to the SCRS are as follows:

a) Techniques to estimate age from length that account for different growth rates among individuals.

b) The reliability of calibration methods should be studied via simulation, and reported. Assumptions such as zero intercept may not be forced to hold but rather be used in the tuning process to choose between different fishing mortality vectors. Further, calibration should be based on catch and effort samples, not on the estimates of totals after prorating. Such calibration should be on the basis of a fine resolution of time and space.

c) Use a single age compartment for older fish. However, the presence of fish older than the last age employed in VPA should be used in forward projections.

d) Use VPA procedures that do not assume that the last age in the catch is the last age alive using $Z = M$ for forward projection of a cohort.

e) The range of natural mortality from 0.10 to 0.18 seems reasonable given the current information. The use of M's outside this range should be justified by additional data.

8. Adoption of Report

The draft report was presented. After being thoroughly reviewed and modified, the report was adopted. Table A was complete at the time the meeting adjourned but Tables B and C were only partially complete. However, all meeting participants received the basic data to complete them. The Secretariat was asked to complete the tables in collaboration with the FSFRL staff for later circulation.

Recognizing that Table B will be very bulky, the Group decided that the Report should be distributed with Tables A and C, with a note explaining that Table B is available upon request at the Secretariat. At least one set of Table B should be sent, however, to each member country.

9. Adjournment

Mr. J. S. Beckett, the SCRS Chairman, thanked all participants for their excellect contributions, the FSFRL staff for their hospitality and organization of the meeting, and convenors and rapporteurs. Dr. I. Ikeda, Director of the FSFRL, made a closing address, and commented on the success of the meeting, the new findings made at this time and the difficulties still remaining for the future.

The meeting was adjourned.

TABLE OF AVAILABILITY OF CPUE DATA FOR VARIOUS FISHERIES

West Atlantic	*Gear*	*CPUE Series*	*Comments*
Canada	R & R	1975-	Areas have changed. Learning apparent. Number of boats prior to 1975.
	Keg	1982-	New fishery.
	Trap	1975-	Proportion of catches landed increased mid-70's as price increased.
	PS	1963-81	Various periods with vessel change. Aircraft.
U.S.A.	Trap	None	
	PS small	None	Appropriate measure unavailable due to unrecorded increase in aircraft spotters. Availability fluctuations seen.
	PS large	None	
	R & R small	1975-82	Large availability fluctuations.
	R & R large	1982	
	LL	None	
Japan	LL winter	1970-	Mixed fishery (BET). In some years BFT catch small.
	LL summer	1957	Incidental catches of medium and large fish.
	LL G. of Mex.	1976-81	Fishery terminated. Large fish in spawning season.
	LL Brazil	1960-68	Medium and large fish.

East Atlantic	*Gear*	*CPUE Series*	*Comments*
Norway	PS	None	
	Mixed	None	
Other North Sea		None	
France	BB	1960-	
Spain	BB (Biscay)	1972-	Effort declined recently.
	BB (Can. Is.)	1965-	Very small boats, effort very variable.
	Trap	1960-	Trap numbers declined.
Portugal	Trap	None	Fishery ceased after 1970.
	Azores	1974-	Very small boats taking various spp. tuna.
	Madeira	1976-	Very small boats taking various spp. tuna.
Morocco	PS	1961-	Days at sea for some years.
	Trap	1960-	No. of traps.
Japan	LL	1972-	

Mediterranean	*Gear*	*CPUE Series*	*Comments*
France	PS	1975-	Specialized fleet. After 1981, number of days fished; prior number of boats only.
Spain	Age 0	None	Effort reflects abundance.
	Trap	1960-78/81-	Now set sporadically for spp. other than BFT.
Italy	Trap	None	
	PS small	None	
	PS large	None	
Japan	LL	1972-	Main fishery closed 1975 on.
Morocco	Trap	1960-	No. of traps.
Tunisia	Trap	1960-	Trap days until 1978.
	PS	None	

Appendix 1

BLUEFIN WORKSHOP

AGENDA

1. Opening of the meeting
2. Arrangements for the meeting
3. Adoption of Agenda
4. Review of catch-by-size data
   - 4.1 Methodology of transformation of samples to catch
   - 4.2 Identification of matching size samples to catches
   - 4.3 Review of the data substitutions used
   - 4.4 Seasonality of catch data
   - 4.5 Examination of catch-by-size table presented
   - 4.6 Examination of limitation of catch-at-length tables
   - 4.7 Transformation of catch-at-length to catch-at-age
5. Consideration of alternative assessment techniques applicable to bluefin tuna and alternative use of data (e.g., catch-at-length)
6. Application of VPA to the bluefin tuna data base
7. Future work schedule
8. Adoption of report
9. Adjournment

Appendix 2

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Appendix 3

REPORT OF THE PREPARATORY BLUEFIN TUNA MEETING

(Trapani, Italy - May 23-27, 1983)

INTRODUCTION

The meeting was convened to establish, by consensus, the best estimates of the annual number of bluefin tuna caught at length in each of the fisheries in the Atlantic. These figures will be used by the SCRS to study the status of the resource in the future. The group deeply appreciated the very generous and sincere hospitality and the facility provided at the Libera Universitá di Trapani by its President, Dr. G. Garraffa, and Dr. R. Sara's extensive and extraordinary efforts in successfully coordinating the meeting.

The meeting attendants included the following:

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ACCOMPLISHMENTS

In response to a request by ICCAT for all member countries to provide estimates of the annual numbers of bluefin caught at length for each gear (fishery), Spanish, Japanese, U.S.A. and Canadian estimates were submitted by the attendants at the opening of the meeting.

The group examined the size data available for the years before 1960 and concluded that there were not enough size data to match the catch data, and that the catch-by-size table would be generated only for 1960-81.

There were numerous cases where annual size samples did not exist even though bluefin catches were reported. In all of these cases the group determined the best possible samples for substitution. Here, the group particularly appreciated the excellent guidance granted by Dr. Arena and also Dr. Sara for Mediterranean Sea fisheries. The other group members employed their knowledge of eastern and western Atlantic fisheries to provide guidance for those fisheries. After reaching consensus on the necessary substitutions, the actual calculations of the annual numbers caught at length for national fisheries for which no estimates were submitted and for the numerous cases where sample substitution was necessary, was assigned to group members and the ICCAT Secretariat for completion. The sample substitution work was assigned as follows:

U.S.A. and Canada	M. Parrack
Spain	A. González-Garcés and J. C. Rey
France — Atlantic	A. González-Garcés and J. C. Rey
Mediterranean (since 1970)	B. Liorzou
Japan — (since 1970)	T. Nagai
Portugal (including Peninsula, Madeira, and Azores)	J. Pereira
Morocco	A. González-Garcés and J. C. Rey
Germany, Norway, Poland, Sweden and Denmark	M. Parrack
All others	Secretariat

The group asked the Secretariat to prepare three tables to be reviewed at the Bluefin Workshop in September:

TABLE A — Available data and substitutions. This table shows which year-nation-gear-area catches were not sampled and shows which samples are to be substituted.

TABLE B* — Estimated annual numbers caught at length for each nation-gear-area fishery.

TABLE C — Catch-by-size table summing up all the frequencies in TABLE B for three major Atlantic areas. Since the class intervals of the frequencies vary between fisheries, this Table is to be prepared in 1 cm intervals. The frequencies in more than 1 cm interval classes are to be equally distributed into 1 cm intervals.

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* Due to the bulkiness of this Table, it is being sent only to the possible meeting attendants of the Bluefin Workshop. It is, however, available at the Secretariat upon request.

It was agreed that the following annual length-weight relation equations should be used in preparing the catch-by-size tables unless fishery and seasonal specific equations are available for use.

1. East Atlantic $W = 2.95 \times 10^{-5} \times FL^{2.898958}$
   Source: J. C. Rey and J. L. Cort (unpublished)

2. West Atlantic $W = 2.861 \times 10^{-5} \times FL^{2.929}$
   Source: M. L. Parrack (SCRS/79/98, Table 2)

3. Mediterranean: $W = 1.9607 \times 10^{-5} \times FL^{3.0092}$
   Source: Equation fitted for the length-weight relationship table presented by Dr. P. Arena at the meeting

The group agreed that all three Tables should be appended to this Report and distributed by mid-July by the Secretariat so that the scientists will have sufficient time to review them before the Workshop.

PROBLEMS

Several problems were identified during the meeting and most were resolved by the group. However, some were not. Because of their importance these require attention by the SCRS either for informational purposes or for resolution. They are as follows:

1. One of the improvements in statistics presented by Spain at the meeting was estimates of Spanish Mediterranean catches of age 0 fish. Such catches, however, occurred over the entire Mediterranean by all national fisheries operating in the last quarter of the year. Such catches are omitted from reported statistics and the SCRS should be aware that the numbers of unreported age 0 fish caught is likely of great magnitude.

2. The SCRS should be aware that the catch in numbers reported in these tables cannot always be multiplied by the average weight in the applicable sample(s) to calculate the yields in the ICCAT Statistical Bulletin because these two different figures were derived from two different sources. The ICCAT requires that catches be reported as weight caught by each national statistical office. These reports of weight caught are given in the ICCAT Statistical Bulletin. As the reports of catch were reviewed, in cases where the group was able to locate the original records of catch from other sources in scientific papers and elsewhere, it recognized that the original records of catch were most accurate. In many cases these original records were in numbers of fish caught rather than weight. In these cases, the consensus of the group was that the average weight in the catch can imply a much different weight caught than that reported in the ICCAT Statistical Bulletin.

3. Adriatic Sea catch estimates have been very incomplete for all past years and are often confused with Tyrrhenian Sea catches. Size samples are also very fragmental.

The sampling program for the Tyrrhenian Sea catches carried out by the Italian National Research Council was terminated after 1982. Hence, size frequency samples for the entire Italian catch will not exist after that time. The group recommended that ICCAT strongly urge the Italian Government to obtain catch samples and that ICCAT consider contracting an agency to improve the historical catch and size data from the Adriatic Sea, and to collect size frequency samples in the future.

4. The Group also noted the lack of size data from many Mediterranean fisheries. Among the important fisheries for which data are lacking are the Yugoslavian Adriatic fishery and the Turkish fishery. The group recommended that the SCRS consider contracting an agency to improve the size data from these fisheries.

5. The SCRS should be aware of the extensiveness of the substitutions that were necessary to complete the table of catches at length. Although there is a gradual increase in the quality of size frequency data through time, many fisheries are still not sampled at all. As clearly shown in Appendix TABLE A, often it was necessary to substitute samples from other years, other major geographical areas, and other gears. Although all available knowledge of the bluefin fisheries and the biology of bluefin were employed when making the substitutions, the number of such substitutions necessary is extensive. The SCRS should study Appendix TABLE A (substitutions) and take into account the extensiveness of these substitutions when considering the results of the analysis of these data.

Addendum 1 to Appendix 3

CREATION OF THE BLUEFIN CATCH-BY-SIZE DATA BASE

by

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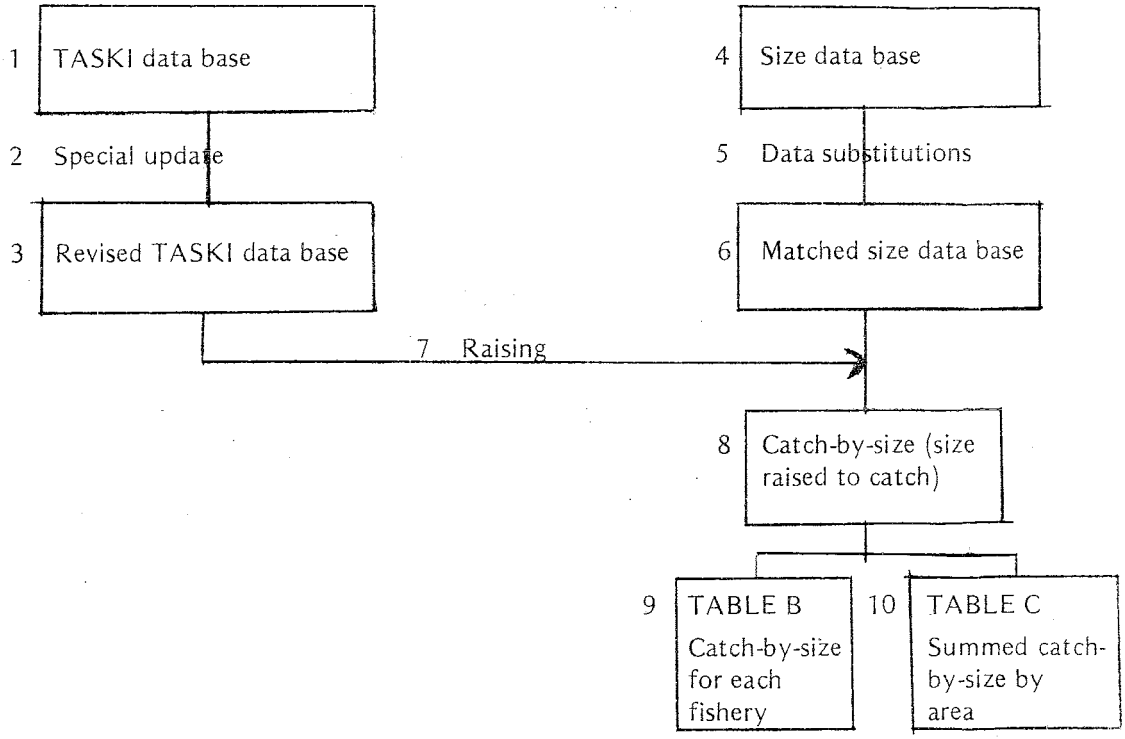
According to the decisions reached at the Trapani Meeting, the Secretariat has been in charge of creating a data base of bluefin catches by size, 1960-1981. The work scheme is demonstrated here below:



1. TASKI data base

Catches are in metric tons. The base has been updated all the time. The 1960-1981 period was selected for this work by East-West Atlantic (as decided at the 1981 SCRS) and Mediterranean Sea. Catches are further identified by fishery (country and gear). This base coincides with the "Statistical Bulletin, Vol. 12 (Final)".

2. Special update of the TASKI base

i) Updating of national statistics

While estimating catch-by-size, the national scientists and the Secretariat have found many new catch data and/or corrections to past catch data. Accordingly the TASKI data base has been updated, as follows:

Spain	1963 NE ATL SURF 1978-80 NE ATL HAND 1950-81 MEDI, TRAP 1975, 77-81 MEDI SPOR 1981 MEDI PS
Portugal	AZORES 1974-81 BB
Mexico	NW UNCL, 1978, 80, 81
Dominican Republic	NW UNCL 1980, 81
Morocco	NE PS 1979, 81 MEDI PS 1979, 81
Japan	EAST, WEST LL 1969-72
Norway	NE PS 1981
Algeria	MEDI UNCL 1980, 81
Yugoslavia	MEDI PS 1979-81
Tunisia	MEDI TRAP 1980, 81
Italy	MEDI PSFS 1972, 73, 76-78

ii) Tentative updating of TASKI base

Often data for the same fishery have been recorded with different gear codes between TASKI and SIZE bases (e.g., RR vs. SPOR, etc.). Since the program of raising the size frequency to the catch only accepts identical gear codes between two sets of data, the gear codes for TASKI or SIZE have been temporarily changed to match each other.

For some fisheries, catch in the TASKI base were further sub-divided as the catch size compositions are believed to be quite different (e.g., Italian PS catches into Tyrrhenian, Adriatic and Ligurian Seas; Tunisia TRAP into Sidi Daoud and Monastir). Different size data are matched to these sub-divided catches.

iii) Number of fish to replace weight of catches

The Trapani group decided to use "number of fish" rather than "weight of catches" for the size data which are to be raised, in the case that the former was the original record of the catches. In such cases, the number of fish replaced the metric tons in the TASKI base.

3. Revised TASKI base

TABLE A shows catches in metric tons (and in number of fish only when number of fish was used for raising). Those are the figures in the tentative TASKI base used in this work.

4. SIZE data base

All the bluefin size frequencies, regardless whether already raised or the actual sample, have been used.

5. Data substitutions (see TABLE A)

TABLE A shows matching of catches to size data. The table shows catches, by fishery and year, in weight (and in number, if the original catch records are in number); the availability of corresponding size data is indicated by an "x"; number of fish measured (sample size); and data substituted in case there are no corresponding size data.

Information on sample size is incomplete since many national scientists provided us with data that was already raised and did not indicate the original sample size.

Data matching and substitutions were made for each fishery on an annual basis, by three areas (East and West Atlantic, and Mediterranean). The only exceptions are Japanese LL for 1970-81 and some of the U.S. catches. In these cases, data matching was done at finer time-area strata (e.g., 6 areas in the Atlantic and by quarter). The substitutions were all discussed and agreed upon at the Trapani Meeting, but afterwards some minor changes were made by the Secretariat. These changes are as follows:

Country	*Area*	*Gear*	*Year*	*Agreed at Trapani*	*New substitutions*
France	E. Atl.	BB	1980	No substitution	Spain BB 80
Poland	E. Atl.	UNCL	1971	Norway PS 71	Japan LL 71
			1972	Norway PS 72	Japan LL 72
Argentina	W. ATl.	LL	1962	Japan LL 56+57	Japan LL 56+57+60
			1963	Japan LL 56+57	Japan LL 56+57+60
			1964	Japan LL 56+57	Japan LL 56+57+60
France	Med.	PS	1980	No substitution	France PS 79+81
Tunisia	Med.	TRAP	1979	Large fish Std.	Actual size data
Small fish Std.	Med.		1960	None	Spain Med. TRAP 60
			1961	None	Spain Med. TRAP 61
			1962		Spain Med. TRAP 62
			1963		Spain Med. TRAP 63
			1964		Spain Med. TRAP 64
			1974-81	Italian PS*	Spain Med. TRAP**
Morocco	Med.	PS	1972-81	One class for Age 0 fish	Spain Med. Age 0 fish (all gears)

6. Matched size data

7. Raising (weighting)

The total weight of fish in each size frequency was estimated by applying the mid-point of each size class to the length-weight relation approved at the Trapani Meeting. The TASKI catch weight (or number of fish) was divided by the estimated weight (or number of fish) to calculate the raising factors. The raising was done as follows:

*Italian PS samples were only on big fish.
**1980+1981 were used for 1981.

		Person responsible
Spain*	All gears	J. C. Rey
Morocco*	All gears	J. C. Rey
France*	BB NE	J. C. Rey
Portugal	All gears	J. Pereira
U.S.A.	All gears	M. Parrack
Canada	All gears	M. Parrack
Poland	All gears, W. Atl.	M. Parrack
Sweden	All gears	M. Parrack
Germany	All gears	M. Parrack
Norway	All gears	M. Parrack
Denmark	All gears	M. Parrack
France	Med. PS 70-79,81	B. Liorzou
Japan*	LL 1970-81	T. Nagai

All other substitutions and raising were done by the Secretariat.

8. Catch-by-size

9. TABLE B

TABLE B includes the catches by size for each fishery and year for the East and West Atlantic, and Mediterranean. The size-class intervals in this Table are generally kept in the original sample size frequency reported (1 cm, 2cm, 5 cm, etc.). However, if two samples of different class intervals were added and used for substitutions, then they were split into 1 cm intervals (see Section 10 for this procedure).

At the bottom of Table B you will find the following:

TOTAL NO. FISH = Sum of frequencies. Frequencies could be decimal and rounded. The sum of the apparent frequencies may not equal the TOTAL.

TOTAL CATCH (MT) = Estimated total weight of fish in the frequency above. (= MEAN WEIGHT x TOTAL NO. FISH).

TASKI MT OR NO. FISH = Weight (MT) or number of fish (Japan) which are in the revised TASKI base.

NO. FISH (ORIG.REC.) = Total number of fish in the frequencies matched to the catch. This frequency can be sample size frequencies corresponding to the catch, substituted sample size frequencies, or raised size frequencies.

MT (ORIG.REC.) = Estimated total weight of fish in the size frequencies matched to the catch.

RAISING FACTOR = If raised to MT of catch, TASKI MT/MT (ORIG.REC.). If raised to number of fish, TASKI NO. FISH/NO. FISH (ORIG.REC.). When raising factor = 1.000 no raising was done by the Secretariat (either 100 percent sampled or already raised data entered).

*Some of the data were only partially raised and the Secretariat re-raised these to TASKI catches.

MEAN LENGTH (CM) = Mean length.

MEAN WEIGHT (KG) = Mean weight.

IMPORTANT REMARKS:

There could be major discrepancies between TOTAL CATCH (MT) (i.e., estimated total weight of fish in the raised frequencies) and TASKI catch (MT). These are due to either of the following two reasons explained below:

1. Sometimes the national scientists have catches recorded by sub-divided size classes (e.g. commercial classes) and the size frequencies were once raised for each sub-class before being added to the total.

   The Secretariat did not remodify the frequencies (e.g., France MED PS 1970-79, 81 and Portugal TRAP).

2. As is pointed out in the Report (text), when the size frequencies have been raised to the total number of fish reported rather than to the weight of the catches, TOTAL CATCH (MT) in TABLE B is quite different from TASKI catch (in weight) shown in TABLE A (e.g., Japan LL E. ATL 1962. TOTAL CATCH (MT) = 6942; TASKI MT = 2484).

10. TABLE C

All the catch-by-size by fisheries have been summed by East and West Atlantic and Mediterranean by years. Since the size-class intervals were different between fisheries, they were equally divided into 1 cm intervals before being added on.

The following tables are attached herewith:

TABLE A – Bluefin catch, size data and substitutions of size data as agreed upon, by East and West Atlantic and Mediterranean, 1960-1981.

TABLE B – Annual bluefin catch-by-size by fishery and by East and West Atlantic and Mediterranean, 1960-1981.

TABLE C – Annual bluefin catch-by-size (all fisheries combined) by East and West Atlantic and Mediterranean, 1960-1981.

(NOTE: Tables A-C have been updated and include the revisions recommended at the 1983 SCRS Meeting; hence, they are valid as of December 15, 1983.)

RAPPORT DES JOURNEES D'ETUDE SUR LE THON ROUGE

Tsukuba/Shimizu, Japon, 31 août-8 septembre 1983

1. Ouverture

A l'invitation du Japon, les Journées d'étude sur le thon rouge se sont déroulées du 31 août au 8 septembre dans les locaux du "Research Council Secretariat" du "Ministry of Agriculture and Forestry" à Tsukuba, et du 5 au 8 septembre au "Far Seas Fisheries Research Laboratory" (FSFRL) à Shimizu.

Le Dr. S. Morita, Directeur de la "Pelagic Resource Division" du "FSFRL" a accueilli les participants.

Le Dr. I. Ikeda, Directeur du "FSFRL" s'est adressé aux participants le premier jour de la réunion de Shimizu en soulignant l'importance de la réunion.

2. Organisation de la réunion

M.L. Parrack (Etats-Unis) a dirigé les débats de Tsukuba et Z. Suzuki (Japon) ceux de Shimizu. Les rapporteurs ont été P.M. Miyake (Secrétariat) et M.L. Parrack (Etats-Unis). La liste des participants est jointe en tant qu'Appendice 2.

3. Adoption de l'ordre du jour

L'ordre du jour provisoire diffusé antérieurement par le Secrétariat a été adopté avec quelques légères modifications. Les points 1 à 4 ont été traités à Tsukuba, et les points 5 à 9 à Shimizu.

4. Examen des données de prise par taille

4.1 Méthodologie de la transformation d'échantillons en prises

Le rapport de la réunion préparatoire tenue à Trapani, Italie, au mois de mai 1983 a été examiné par le groupe. La méthodologie employée pour transformer les échantillons en prises, et dont la description figurait dans le rapport et dans l'Appendice préparé par le Secrétariat, a été étudiée et approuvée.

Le rapport de Trapani a été légèrement modifié dans le but d'y introduire les suggestions formulées par le groupe. Ce rapport et ses appendices figurent ci-joint en tant qu'Appendice 3. Le groupe a fait la critique des Tables A-B* de l'Appendice au rapport de Trapani, et y a apporté un certain nombre de changements.

* Table A - Prises, données de taille et substitutions de données de taille thon rouge, selon accord, Atlantique ouest, Atlantique est et Méditerranée.
Table B - Prises annuelles par taille du thon rouge, par pêcherie, Atlantique ouest, Atlantique est et Méditerranée, 1960-80.

4.2 Etablissement des correspondances entre échantillons de taille et prises

4.3 Examen des substitutions de données utilisées

Les correspondances et substitutions de la Table A du rapport de Trapani ont été examinées. Le groupe a traité de façon critique le problème exposé à la page 3 du rapport. Ayant reconnu que des divergences peuvent être observées entre les prises déclarées officiellement (en poids, Tâche I) et le poids estimé en multipliant le nombre de poissons indiqué par le poids moyen établi au moyen des fréquences de taille, le groupe signale qu'il existe trois principales sources d'erreur: le poids Tâche I est incorrect (dans le cas des données palangrières japonaises d'années antérieures, il semble que le poids signalé ait été le poids éviscéré et sans branchies); les fréquences de taille ne sont pas représentatives (du fait d'un échantillon faussé ou d'une substitution inadéquate); différents rapports longueur/poids sont utilisés.

Les données palangrières japonaises de certaines années montrent des différences très sensibles entre les deux jeux d'estimation du poids. Le groupe a donc conclu que les substitutions adoptées pour la prise de 1960-63 au moment de la réunion de Trapani n'étaient pas idéales, et a décidé de les modifier. Les nouvelles substitutions entraînent moins de divergences entre le poids déclaré et le poids estimé.

Quelques autres changements importants ont été introduits dans la Table A, ainsi que de nouvelles informations. Le groupe a noté que les tables américaines de prise par taille ne concordaient pas avec les prises Tâche I, et a décidé de montrer les prises présentées à ce moment dans la Table A, plutôt que les statistiques Tâche I.

Le groupe a noté que dans les Tables A et B, lorsque les prises ne sont indiquées qu'en poids, le poids capturé est transformé en prise à une taille donnée. Cependant, lorsque les prises sont indiquées en poids et en nombre, les nombres capturés sont transformés en nombre de poissons capturés à une taille donnée, et la prise en poids n'est pas utilisée pour obtenir la prise à une taille donnée.

4.4 Données sur l'époque des prises

Pour transformer les données de prise par taille en prise par âge (ou cohortes), il est indispensable de connaître l'époque de la capture. Les tables de capture (Table B) préparées à la réunion de Trapani étant établies sur une base annuelle, il sera nécessaire de remanier toute la base. Ceci pose deux problèmes. En premier lieu, dans dans de nombreux cas le lieu de pêche est inconnu ou ne peut être établi qu'en consultant la documentation. Ensuite, le temps nécessaire pour une refonte de la base ne permet pas de mener le travail à bien d'ici la réunion de cette année du SCRS. Le groupe a décidé ce qui suit pour résoudre ces problèmes:

– pour les *pêcheries côtières,* identification de la saison de pêche et assignation de prise annuelle par taille pour le trimestre en question;
– pour les *pêcheries palangrières,* utilisation des données palangrières japonaises pour déterminer la distribution trimestrielle des prises.

Compte tenu de ce qui précède, le groupe a examiné toutes les pêcheries et ajouté des renseignements et/ou instructions concernant l'époque, comme l'indique la Table A.

Ci-après les principaux problèmes décelés:

(a) Prises palangrières japonaises 1960-70

Des estimations des prises trimestrielles spécifiques de la taille étaient disponibles pour 1971-81, mais les prises de 1960-70 n'étaient pas ventilées par trimestre. Le groupe a choisi pour ces captures d'assigner la prise à une taille donnée à divers trimestres selon la distribution proportionnelle de la prise (en nombre de poissons) signalée dans les données de capture Tâche II.

(b) Pêcheries sans époque de pêche connue

Les prises non échantillonnées ont été transformées en données de taille au moyen de substitutions d'échantillons; les mois où la capture a été effectuée sont souvent inconnus ou diffèrent de la saison à laquelle correspondent les données de taille. Le trimestre de l'échantillonnage de taille a généralement été assigné à la capture. Néanmoins, dans le cas d'une période d'échantillonnage prolongée et/ou non déterminée, le trimestre de capture a été utilisé. Les trimestres assignés à chaque pêcherie sont inclus dans la Table A, dont une versions révisée figure ci-joint.

(c) Table de prise par taille à un niveau plus affiné de détermination dans le temps

Ayant constaté que les données de capture et les échantillons de taille sont disponibles par mois ou trimestre pour certaines pêcheries, le groupe a recommandé que la table de prise par taille soit refondue d'ici l'an prochain en tenant compte de cette information.

Dans le cas des pêcheries pour lesquelles on ne dispose pas de données saisonnières adéquates de prise et de taille, la table de prise trimestrielle par taille déjà approuvée doit être conservée une fois vérifiée.

4.5 Examen de la table de prise par taille présentée

Les débats ci-dessus ont permis de modifier les Tables B et C. Le temps disponible n'a pas permis de subdiviser par saison les prises palangrières du Japon et d'autres pays. Les participants n'ont donc reçu que les copies sur papier pouvant servir pour le travail.

4.6 Examen des facteurs limitatifs des tables de prise à une taille donnée

Le groupe a cerné trois problèmes de nature générale: prises non échantillonnées, prises échantillonnées de façon peu satisfaisante, et prises non déclarées. Il a observé que les substitutions nécessaires pour établie les tables de prise à une taille donnée étaient nombreuses et fréquentes. T. Nagai, du "FSFRL" a présenté une étude préliminaire de ces tables, en faisant remarquer que de nombreuses substitutions avaient été effectuées pour l'Atlantique ouest avant 1969. Le groupe a reconnu que, bien que le nombre des échantillons de fréquence de taille augmente graduellement avec le temps, les prises de l'Atlantique est et de la Méditerranée étaient pour la plupart non échantillonnées, d'où le nombre élevé de substitutions.

Une autre remarque de T. Nagai, reprise par le groupe, a été que le nombre des poissons échantillonnés a été dans de nombreux cas peu élevé, et parfois non signalé. Dans de nombreux cas où des échantillons avaient été prélevés et la taille de l'échantillon enregistrée, le volume de l'échantillon n'était pas suffisant pour assurer un degré de précision de 20 %. Le groupe a également noté que le mois de prélèvement des échantillons était souvent omis, ainsi que le type de mensuration effectuée et le nombre de poissons étudiés. L'examen de ces lacunes a amené le groupe a exprimer ses inquiétudes concernant leur élimination à l'avenir, même si rien ne peut être fait pour le passé. Le groupe recommande à cet égard que le SCRS étudie la question cette année pour adopter un ensemble de critères pour l'échantillonnage de fréquence de taille du thon rouge et mettre sur pied un schéma de contrôle pour la transmission de ces échantillons.

Tout comme le groupe de Trapani, les participants aux journées d'étude ont souligné l'absence de déclaration de captures de poissons d'âge 0 dans les pêcheries méditerranéennes. Le groupe a défini ce problème comme important et demandant une solution urgente. Il a également noté les lacunes des statistiques de capture de certaines pêcheries méditerranéennes, que mentionnait déjà le rapport de Trapani, en pressant le SCRS d'envisager les services d'une agence pour améliorer toutes les données de ces pêcheries, y compris les prises de poisson d'âge 0 et les échantillons de fréquence de taille.

4.7 Transformation de la prise à une taille donnée en prise à un âge donné

Le groupe a considéré trois sortes de problèmes qui peuvent surgir lorsque l'on convertit la taille en âge au moyen d'équations de croissance. L'influence du dimorphisme sexuel sur la croissance, de grandes différences entre cohortes en ce qui concerne l'abondance, et de fortes dissimilarités de croissance entre individus, sont autant de possibilités de biais. Quelque indice de dimorphisme sexuel est fourni par le fait que les mâles sont plus grands que les femelles, comme chez les autres thonidés, ce que le groupe a l'intention d'approfondir au fur et à mesure de l'obtention de nouvelles données. Les membres du groupe ont envisagé la possibilité d'une croissance stochastique, et en ont conclu que les algorithmes de détermination de l'âge utilisés dans les analyses futures doivent tenir compte des différences de croissance entre individus. En dernier lieu, le groupe a traité des répercussions sur les estimations de l'âge de fortes différences de volume entre cohortes. Il en a conclu que ces différences peuvent donner lieu à des biais, lesquels doivent être étudiés en vue des méthodes d'estimation de l'âge à employer dans les analyses futures.

5. Examen d'autres techniques d'évaluation applicables au thon rouge et d'autres utilisations des données (par exemple prise à une taille donnée)

L'utilisation de l'analyse de la production excédentaire basée sur la CPUE a été abordée par le groupe. Un certain nombre d'idées ont été lancées pour expliquer pourquoi ces techniques pourraient ne pas être adéquates dans le cas du thon rouge. Le groupe a reconnu que la standardisation de l'effort est le principal problème, étant donné le grand nombre de pêcheries différentes qui ne peuvent pas être standardisées selon une même unité. Le groupe a reconnu qu'il est impossible d'obtenir un indice précis de l'abondance à partir de la CPUE, du fait que les pêcheries diffèrent amplement dans l'espace et dans le temps et sont parfaitement adaptées au comportement du groupe d'âge spécifique qu'elles exploitent.

Il a été noté que ces méthodes ne seraient probablement pas adéquates du fait de la grande longévité du thon rouge de l'Atlantique, sa forte augmentation de poids au cours de son cycle vital, et l'existence de fortes fluctuations d'abondance entre classes annuelles. L'idée générale a néanmoins été jugée utile pour mieux appréhender l'histoire de la population.

L'utilisation de la CPUE en tant qu'indice de l'abondance a été jugée intéressante pour estimer les classes de recrue et la population de géniteurs. Ci-joint à cet égard une table indiquant la disponibilité des données de CPUE et les caractéristiques des principales pêcheries de thon rouge de l'Atlantique.

Le groupe a envisagé plusieurs autres techniques d'évaluation, dont:

(a) Prospection hydro-acoustique pour définir un indice de l'importance de la population de géniteurs.
(b) Prospection éventuelle d'oeufs et de larves pour estimer l'importance du stock de géniteurs.
(c) Données de survol aérien pour définir un indice de l'importance du recrutement.
(d) Données de marquage et récupération pour estimer l'importance de la population.
(e) Analyses séquentielles de la population (par exemple analyse des populations virtuelles, analyse des cohortes).
(f) Analyse de la prise à une taille donnée autrement que par l'analyse des populations virtuelles.
(g) Définition du rapport entre l'abondance du recrutement et les conditions de milieu au cours des premiers stades.

6. Application de l'analyse des populations virtuelles à la base de données thon rouge

Le Dr. W.G. Doubleday (Canada), spécialiste de l'utilisation de l'analyse des populations virtuelles dans des domaines autres que les thonidés, avait été invité par le gouvernement japonais, suite à une suggestion du SCRS. Le Dr. Doubleday a traité de l'application d'analyses basées sur la prise à un âge donné aux données du thon rouge de l'Atlantique (voir document SCRS/83/26). Les problèmes spécifiques sont les échantillonnages incomplets, les erreurs d'estimation de l'âge, les taux de migration non connus, les changements des caractéristiques de la pêche et de la capturabilité, le manque d'indice du recrutement et l'analyse inadéquate des données de marquage et de recapture.

Le groupe a jugé ces questions de première importance et s'est également montré préoccupé au sujet des méthodes d'ajustement et d'évaluation de ces analyses. A cet égard, l'analyse des données de prise et effort est jugée importante, en particulier à l'échelle spatiale et temporelle la plus fine possible. Les données palangrières japonaises par 1^{o} x 1^{o} et par mois doivent être séparées en vue d'analyse. Le groupe recommande également que l'application des méthodes d'ajustement et d'évaluation aux analyses futures soit documentée.

Après de longs débats, le groupe a recommandé pour le thon rouge l'utilisation d'un taux de mortalité naturelle de 0,1 à 0,18.

La question de la transformation de la prise à une taille donnée en groupes d'âge a été soulevée et le groupe recommande que les transformations utilisées pour les besoins des analyses futures tiennent compte des variations et du taux différentiel de croissance entre individus.

De plus, l'étude des données de taille américaines et canadiennes par sexe montrent des différences dans le sex ratio spécifique de la taille. De telles données devraient être utilisées dans les analyses futures pour avérer le sex ratio des prises et en tirer des paramètres pour des modèles de croissance spécifique du sexe. Bien que le taux de mortalité spécifique du sexe puisse compenser les différences du taux de croissance, le groupe a conclu que ces phénomènes doivent être étudiés.

La sous-estimation des prises palangrières entraînée par le non enregistrement des poissons endommagés a été abordée, et il a été décidé que le taux de mutilation doit être estimé dans la mesure où les données disponibles le permettent, et que les données de prise palangrière doivent être ajustées.

Le groupe a noté le nombre très élevé des classes d'âge compris dans les analyses antérieures et les difficultés rencontrées au moment de transformer la table de prise à une taille donnée en table de prise à un âge donné. Les classes annuelles importantes tendent par conséquent à être sous-estimées, et les petites classes annuelles surestimées, d'où une nivellation des différences de volume entre cohortes. Le groupe a conclu que les âges les plus avancés qui figurent dans les tables de capture doivent être regroupés en une seule catégorie pour les besoins des analyses. Cette façon de procéder pour les poissons les plus âgés dans les analyses, ainsi que l'utilisation de méthodes stochastiques de détermination de l'âge empêcheraient très probablement d'avoir des tables de capture biaisées.

Si des tables élaborées plus avant présentaient des chiffres arrondis de capture pour certaines cohortes, il a été décidé que les méthodes d'analyse ne postuleraient pas que les cohortes n'aient pas vécu au-delà de la dernière année de capture. Dans ce cas, l'utilisation de $Z = M$ sera nécessaire pour les projections de la population.

Le groupe a reconnu l'importance d'établir le taux de mélange entre les populations est et ouest, et a conclu que l'analyse par rayons X de micro-éléments dans les pièces dures, déposés à différents stades du cycle vital, permettrait d'estimer la fréquence et la périodicité des migrations transatlantiques. Il reste à déterminer la possibilité de réalisation et le coût de telles analyses. Le groupe considère aussi que l'étude de la distribution des parasites du thon rouge et celle des parasites eux-mêmes pourrait s'avérer utile pour l'étude du taux de mélange des thonidés.

En constatant ces difficultés, le groupe a noté qu'il n'y avait pas d'analyse plus efficace pour les analyses de population du thon rouge de l'Atlantique que celle des populations virtuelles, et que les améliorations suggérées devaient être rapidement introduites.

7. Calendrier des travaux futurs

Ci-après les questions qui doivent être réglées d'urgence:

(a) Créer un fichier avec les données de marquage et récupération de l'Atlantique ouest et le remettre au Secrétariat de l'ICCAT. Les Etats-Unis sont chargés d'envoyer ce fichier d'ici le 1er avril 1984.

(b) Analyser d'ici le 1er octobre 1984 toutes les données de marquage et récupération. L'Espagne, le Japon et les Etats-Unis en sont responsables.

(c) Analyser la CPUE des canneurs pour obtenir l'indice de recrutement. Une analyse préliminaire sera réalisée par les Etats-Unis d'ici novembre 1983.

(d) Analyser la CPUE palangrière par carré de $1^{o} \times 1^{o}$. Cette analyse sera menée à bien à titre prioritaire par les pays intéressés dès que les données seront disponibles. Le Japon est chargé de mettre les données à disposition d'ici le 1er avril 1984.

(e) Il a été noté que les prises palangrières signalées présentent un biais vers le bas, étant donné que les poissons endommagés par des requins et des mamifères marins ne sont pas inclus dans les statistiques déclarées. Ces chiffres devraient être estimés et signalés au SCRS d'ici novembre 1984; les Etats-Unis se chargeront de rédiger ce rapport.

(f) Affiner la détermination temporelle des données de prise par taille. Tous les pays doivent transmettre ces données à l'ICCAT selon la détermination la plus fine possible (pas moins d'un mois) d'ici mars 1984. Le Secrétariat de l'ICCAT, en collaboration avec des scientifiques nationaux selon les besoins, définiera les données non déclarées.

(g) Vu les défauts des données de capture et de fréquence de taille décrits au paragraphe 4.7, défauts auxquels il faut mettre un point final, le SCRS devrait adopter cette année un ensemble de critères et établir une méthode pour en assurer l'application.

(h) Le groupe a constaté qu'il était nécessaire d'établir la fréquence et la périodicité des migrations transatlantiques. L'analyse par rayons X de micro éléments dans les pièces dures a été envisagée comme méthode possible. Les Etats-Unis sont responsables de déterminer d'ici la réunion de novembre 1984 du SCRS les coûts d'analyse d'un petit nombre de poissons.

(i) Etudier l'utilisation des données de survol aérien pour la détermination d'un indice de l'abondance du recrutement. Il a été décidé que tous les pays devraient obtenir des rapports verbaux des "pilotes détectives" et être prêts à la réunion du SCRS de novembre 1983 à traiter de l'application de cette méthode.

(j) Analyser les données de prospection d'oeufs et de larves obtenues lors de croisières de recherche comme indice de l'abondance du stock. Il a été signalé que les Etats-Unis rassemblaient régulièrement des données de ce genre, et que les séries temporelles n'étaient pas encore suffisantes. L'Espagne étudiera les données en provenance de la Méditerranée.

(k) Evaluer l'utilisation des données hydroacoustiques pour définir un indice des populations reproductrices. Les Etats-Unis, le Canada et éventuellement le Japon collaboreront par correspondance pour présenter un rapport à la réunion de novembre 1984 du SCRS.

(l) Vu le besoin de compiler des statistiques fiables sur les pêcheries de la Méditerranée, il est recommandé que cette tâche soit réalisée sous contrat avec une agence du dehors Il incombe au Secrétariat de l'ICCAT d'étudier si ceci est possible et d'en faire part à la réunion de novembre 1983 du SCRS.

(m) Isoler les données de sex ratio à une taille donnée. L'Espagne, le Canada, le Japon et les Etats-Unis sont chargés de préparer, pour la réunion de novembre 1983 du SCRS, des documents énumérant ces données de base.
(n) Utiliser les données de sex ratio à une taille donnée pour estimer par simulation les paramètres de croissance spécifique du sexe. La France présentera les résultats de ces simulations d'ici le mois d'avril 1984.

Etant donné l'importance et l'ampleur des tâches mentionnées ci-dessus et la période de temps nécessaire pour les réaliser, il est peu probable que les évaluations des stocks menées à bien avant 1984 puissent compléter d'une façon significative les évaluations antérieures. Les points 1-6 et 13-14 doivent être résolus en premier lieu.

Tâches à réaliser dans l'avenir:

(a) Elaborer des techniques d'estimation de l'âge à partir de la taille qui tiennent compte des taux de croissance différents entre individus.
(b) La fiabilité des méthodes de calibrage devra être étudiée par simulation. Des hypothèses telles que le point d'interception peuvent ne pas tenir forcément, mais pourraient plutôt servir au cours des processus d'ajustement pour effectuer un choix entre différents vecteurs de mortalité par pêche. De plus, l'ajustement devrait se faire aux échantillons de prise et d'effort, et non aux estimations des totaux une fois séparés au prorata. Cet ajustement devrait être effectué sur la base d'une détermination fine dans le temps et dans l'espace.
(c) Utiliser une seule catégorie d'âge pour les poissons plus âgés. Néanmoins, la présence de poissons plus vieux que le dernier âge employé dans la VPA devrait être utilisée pour les projections directes.
(d) Utiliser des méthodes de VPA qui ne postulent pas que le dernier âge de la prise est l'âge maximum du cycle vital en recourant à $Z = M$, pour la projection directe d'une cohorte.
(e) La délimitation entre 0.10 et 0.18 de la mortalité naturelle semble raisonnable étant donné l'information actuelle. M ne sera utilisé en dehors de cet éventail que si des données additionnelles sont disponibles.

8. Adoption du rapport

Le rapport provisoire a été présenté et adopté une fois révisé et modifié. A la fin de la réunion, la Table A était terminée alors que les Tables B et C ne l'étaient que partiellement. Les participants à la réunion ont cependant tous reçu les données de base pour les compléter. Le Secrétariat a été chargé de terminer les tables, en collaboration avec le FSFRL, en vue de leur diffusion ultérieure.

La Table B étant volumineuse, le Groupe a décidé que le rapport soit distribué uniquement avec les Tables A et C, étant bien entendu que la Table B sera disponible sur demande au Secrétariat. Néanmoins, chaque pays membre en recevra au moins un exemplaire.

9. Clôture

M. J.S. Beckett, Président du SCRS, a exprimé ses remerciements: aux participants pour leur excellente collaboration; au personnel du "FSFRL" pour son hospitalité et l'organisation de la réunion; et aux présidents et rapporteurs. Le Dr. I. Ikeda, Directeur du "FSFRL", a prononcé un discours de clôture en mentionnant le bon déroulement de la réunion, les nouvelles conclusions qui avaient été apportées et les difficultés auxquelles il reste à faire face dans l'avenir.

La réunion a été ajournée.

TABLEAU DE DISPONIBILITE DES DONNEES DE CPUE DE PLUSIEURS PECHERIES

Atlantique ouest	*Engin*	*Séries CPUE*	*Observations*
Canada	R & R	1975-	Zones changées. Plus d'expérience. Nombre de bateaux avant 1975.
	Keg	1982-	Nouvelle pêcherie.
	Trap	1975-	Pourcentage accru de prises débarquées milieu des années 70 suite hausse prix.
	PS	1963-81	Plusieurs périodes avec changement bateaux. Avion.
Etats-Unis	Trap	Aucune	
	Petits PS	Aucune	Mesures adéquates non disponibles vu
	Grands PS	Aucune	accroissement non précisé détecteurs avion. Fluctuations disponibilité observée.
	Petits R & R	1975-82	Importantes fluctuations de disponibilité.
	Grands R & R	1982	
	LL	Aucune	
Japon	LL hiver	1970-	Pêche mixte (BET). Certaines années captures médiocres BFT.
	LL été	1957	Prises fortuites de poissons moyens et gros
	LL G. Mexique	1976-81	Pêcherie interrompue. Gros poissons pendant saison de ponte.
	LL Brésil	1960-68	Poissons moyens et gros.

Atlantique est	*Engin*	*Séries CPUE*	*Observations*
Norvège	PS	Aucune	
	Mixte	Aucune	
Mer Nord - Autres		Aucune	
France	BB	1960-	
Espagne	BB (Gascogne)	1972-	Récente baisse effort.
	BB (Canaries)	1965-	Très petits bateaux, effort très variable.
	Trap	1960-	Nombre de madragues en baisse.
Portugal	Trap	Aucune	Pas de pêche depuis 1970.
	Açores	1974-	Très petits bateaux prenant différentes
	Madère	1976-	espèces de thonidés.
Maroc	PS	1961-	Jours de mer pour certaines années.
	Trap	1960-	Nombre de madragues.
Japon	LL	1972-	

Méditerranée	*Engin*	*Séries CPUE*	*Observations*
France	PS	1975-	Flottille spécialisée. Avant 1981 n^{o} de bateaux seulement, depuis lors n^{o} de jours de pêche.
Espagne	Age 0	Aucune	Effort reflète abondance.
	Trap	1960-78/81-	Maintenant visant sporadiquement espèces autres que BFT.
Italie	Trap	Aucune	
	Petits PS	Aucune	
	Grands PS	Aucune	
Japon	LL	1972-	Pêcherie principale interrompue depuis 1975.
Maroc	Trap	1960-	Nombre de madragues.
Tunisie	Trap	1960-	N^{o} de jours de madragues jusqu'en 1978.
	PS	Aucune	

Appendice 1

JOURNEES D'ETUDE SUR LE THON ROUGE

ORDRE DU JOUR

1. Ouverture

2. Organisation de la réunion

3. Adoption de l'ordre du jour

4. Examen des données de prise par taille

   4.1 Méthodologie de la transformation d'échantillons en prises
   4.2 Etablissement des correspondances entre échantillons de taille et prises
   4.3 Examen des substitutions de données utilisées
   4.4 Données sur l'époque des prises
   4.5 Examen de la table de prise par taille présentée
   4.6 Examen des facteurs limitatifs des tables de prise à une taille donnée
   4.7 Transformation de la prise à une taille donnée, en prise à un âge donné

5. Examen d'autres techniques d'évaluation applicables au thon rouge et d'autres utilisations des données (par exemple, prise à une taille donnée)

6. Application de l'analyse des populations virtuelles à la base de données du thon rouge

7. Calendrier des travaux futurs

8. Adoption du rapport

9. Clôture

Appendice 2

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Appendice 3

RAPPORT DE LA REUNION PREPARATOIRE SUR LE THON ROUGE

Trapani, Italie - 23-27 mai 1983

INTRODUCTION

Cette réunion avait été convoquée dans le but d'arriver à un consensus sur la meilleure estimation du nombre annuel de thons rouges capturés à une taille donnée dans chacune des pêcheries de l'Atlantique. Ces chiffres sont destinés à être utilisés par le SCRS pour étudier l'état des ressources à l'avenir. Le groupe a hautement apprécié l'accueil qui lui a été réservé à la Libera Universitá di Trapani par son président, le Dr. G. Garrafa, ainsi que la parfaite coordination de la réunion assumée par le Dr. R. Sara.

Ci-après la liste des participants:

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Dr. P.M. Miyake
ICCAT
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Mme P.M. Seidita (Secrétaire)
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Madrid, Espagne

REALISATIONS

En réponse à une demande adressée par l'ICCAT à ses pays membres à l'effet de fournir des estimations du nombre annuel de thons rouges capturés à une taille donnée par chaque engin (pêcherie), cette information fut remise au début de la réunion par les participants représentant le Canada, l'Espagne, les Etats-Unis et le Japon.

Le groupe a examiné les données de taille disponibles pour les années antérieures à 1960; il en a conclu que ces données de taille n'étaient pas suffisantes pour en déterminer la correspondance avec les statistiques de capture, et que la table de prises par taille ne serait établie que pour les années 1960-81.

Dans de nombreux cas il n'existe aucun échantillon annuel de taille, bien que des prises de thon rouge aient été signalées. Le groupe a déterminé pour tous ces cas quels étaient les meilleurs échantillons à utiliser pour les besoins de la substitution. Le groupe a tenu à reconnaître les excellents avis donnés par le Dr. Arena et le Dr. Sara en ce qui concerne les pêcheries méditerranéennes. Les autres membres du groupe ont recouru à leurs connaissances des pêcheries de l'Atlantique est et ouest pour formuler des avis sur ces pêcheries. Une fois atteint un accord sur les substitutuions nécessaires, des membres du groupe et le Secrétariat ICCAT ont été chargés d'effectuer les calculs proprement dits du nombre annuel de poissons capturés à une taille donnée par les pêcheries des pays pour lesquels aucune estimation n'avait été présentée et pour les nombreux cas où une substitution s'avérait nécessaire. Ci-après la répartition du travail de substitution:

Etats-Unis et Canada	M.L. Parrack
Espagne	A. Gonzalez-Garcés, J.C. Rey
France - Atlantique	A. Gonzalez-Garcés, J.C. Rey
Méditerranée (depuis 1970)	B. Liorzou
Japon (depuis 1970)	T. Nagai
Portugal (Péninsule, Madère, Açores)	J.A.G. Pereira
Maroc	A. Gonzalez-Garcés, J.C. Rey
Allemagne, Norvège, Pologne, Suède, Danemark	M.L. Parrack
Tous autres pays	Secrétariat

Le groupe a prié le Secrétariat de préparer trois tableaux différents de prise par taille, qui seront révisés aux journées d'étude sur le thon rouge du mois de septembre.

Tableau A - Données disponibles et substitutions. Ce tableau montre les prises année/nation/engin/zone qui n'ont pas été échantillonnées, et les échantillons qui doivent être substitués.

Tableau B*- Estimation du nombre annuel capturé à une taille donnée pour chaque pêcherie nation/engin/zone.

Tableau C - Tableau de prises par taille en additionnant toutes les fréquences du tableau B de trois zones principales de l'Atlantique. Etant donné que les intervalles de classe des fréquences varient d'une pêcherie à l'autre, le tableau devra être dressé en intervalles de 1 cm. Les fréquences exprimées en intervalles de classe de plus de1 cm devront également être distribué en intervallles de 1 cm.

Il a été décidé que les équations suivantes longueur-poids seraient utilisées pour préparer les tableaux de prise par taille. à moins que des équations spécifiques de pêche et de saison ne soient disponibles.

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* Ce tableau étant très volumineux, il a uniquement été distribué aux éventuels participants aux Journées d'étude. Il peut néanmoins être obtenu sur demande au Secrétariat.

1. Atlantique est $W = 2.95 \times 10^{-5} \times FL^{2.898958}$
   Source: J.C. Rey et J.L. Cort (inédit)

2. Atlantique ouest $W = 2.861 \times 10^{-5} \times FL^{2.929}$
   Source: M.L. Parrack (SCRS/79/98, Tableau 2)

3. Méditerranée $W = 1.9607 \times 10^{-5} \times FL^{3.0092}$
   Source: Equation ajustée pour les besoins du tableau longueur-poids présentée à la réunion par le Dr. P. Arena.

Le groupe a convenu que les trois tableaux seraient joints au rapport en tant qu'appendices et diffusés par le Secrétariat vers la mi-juillet, afin que les scientifiques aient le temps de les étudier avant les journées d'étude.

PROBLEMES A RESOUDRE

La plupart des problèmes définis pendant la réunion ont été résolus par le groupe. Vu leur importance, le SCRS doit se pencher sur les questions encore en instance, soit pour y apporter une solution, soit pour les besoins de l'information.

1. L'une des améliorations statistiques présentées par l'Espagne à la réunion consistait en une estimation des prises espagnoles de poisson d'âge 0 en Méditerranée. Ces captures ont néanmoins été effectuées dans l'ensemble de la Méditerranée par toutes les pêcheries qui travaillent au cours du quatrième trimestre. Elles sont omises dans les statistiques déclarées, et le SCRS doit prendre conscience du fait que le nombre de poissons d'âge 0 capturés et non signalés est probablement très élevé.

2. Le SCRS doit tenir compte du fait que la prise numérique indiquée dans ces tableaux ne peut pas toujours être multipliée par le poids moyen dans l'échantillon (ou les échantillons) pour calculer le chiffre de production qui figure dans le Bulletin Statistique ICCAT, car ces deux chiffres proviennent de deux sources différentes. L'ICCAT demande que les prises soient signalées par les administrations nationales en poids capturé. Ces chiffres sont ceux qui figurent dans le Bulletin Statistique. En examinant les prises signalées, chaque fois qu'il a été possible de localiser la première mention qui en est faite, dans des travaux scientifiques ou ailleurs, le groupe a constaté que cette première déclaration était des plus exactes. Les registres originaux étaient dans de nombreux cas en nombre de poissons plutôt qu'en poids. Le groupe a décidé que dans ce cas le poids moyen de la prise pourrait signifier un poids très différent de celui qui figure dans le Bulletin Statistique ICCAT.

3. Pour l'Adriatique, les estimations ont été très incomplètes pour toutes les années passées et sont souvent confondues avec les prises en mer Tyrrhénienne. L'échantillonnage de taille est également très fragmentaire. Le programme d'échantillonnage des prises en mer Tyrrhénienne mené par le Conseil National Italien de la Recherche s'est terminé en 1982. On ne disposera donc pas d'échantillons de fréquence de taille pour la prise italienne après cette date. Le groupe a recommandé que l'ICCAT encourage les autorités italiennes à recueillir des échantillons de taille et envisage de souscrire un contrat avec une agence pour améliorer les données historiques de capture et de taille de l'Adriatique et recueillir des échantillons de fréquence de taille à l'avenir.

4. Le groupe a également pris note du manque de données de taille pour de nombreuses pêcheries méditerranéennes. Parmi les plus importantes se trouvent la pêcherie yougoslave dans l'Adriatique et la pêcherie turque. Le groupe a recommandé que le SCRS envisage de souscrire un contrat avec une agence pour améliorer les données de taille de ces pêcheries.

5. Le SCRS doit tenir compte de l'importance des substitutions effectuées qui ont été nécessaires pour compléter le tableau de prises à une taille donnée. Bien que la qualité des données de fréquence de taille n'ait cessé de s'améliorer avec le temps, de nombreuses pêcheries ne sont pas échantillonées du tout. Comme l'indique clairement l'Appendice, tableau A, il a souvent fallu substituer des échantillons d'autres années, d'autres zones géographiques et d'autres engins. Bien que l'on ait recouru, au moment d'effectuer les substituttions, à toutes les informations disponibles sur les pêcheries de thon rouge et la biologie de l'espèce, il ne faut pas oublier que le nombre des substitutions qui se sont avérées nécessaires est élevé. Le SCRS doit étudier l'Appendice, tableau A (substitution) ci-jointe et tenir compte de leur importance au moment d'étudier les résultats d'analyses portant sur ces données.

Addendum 1 à l'Appendice 3

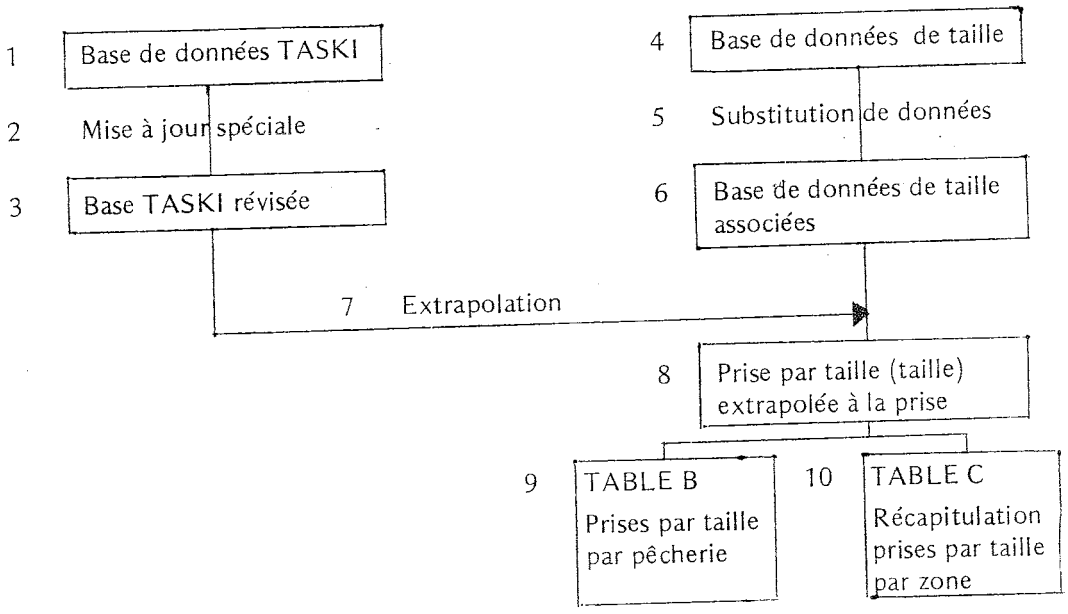
CREATION D'UNE BASE DE DONNEES DE PRISE PAR TAILLE THON ROUGE

par

P.M. Miyake
V. Nordström

Secrétariat de l'ICCAT

Suite à la décision prise à la réunion de Trapani, le Secrétariat a été chargé de créer une base de données de prise par taille thon rouge pour les années 1960-81. Ci-après le schéma de travail:



1. Base de données TASKI

Les prises sont exprimées en tonnes métriques. La base a été constamment actualisée. On a retenu pour ce travail (selon décision du SCRS 1981) la période 1961-81, Atlantique est et ouest et Méditerranée. Les prises sont en outre identifiées par pêcherie (pays et engin). Les données de cette base coïncident avec celles du Bulletin statistique, Vol. 12 (définitif).

2. Mise à jour spéciale de la base TASKI

i) Mise à jour des statistiques nationales

En procédant à l'estimation des prises par taille, les scientifiques des divers pays et le Secrétariat ont découvert l'existence d'un grand nombre de nouvelles données de capture et/ou la nécessité d'apporter des corrections aux données de capture anciennes.

La base TASKI a été actualisée en conséquence comme suit:

Espagne	1963 NE AT SURF 1978-80, NE ATL HAND 1950-81, MEDI, TRAP 1975, 77-81 MEDI SPOR 1981 MEDI PS
Portugal	AZORES 74-81 BB
Mexique	NW UNCL 78, 80, 81
République Dominicaine	NW UNCL 80, 81
Maroc	NE PS 79, 81 MED PS 79, 81
Japon	EAST, WEST LL 69-72
Norvège	NE PS 81
Algérie	MEDI UNCL 80, 81
Yougoslavie	MEDI PS 79, 81
Tunisie	MEDI TRAP 80, 81
Italie	MEDI PSFS 72, 73, 76-78

ii) Mise à jour provisoire de la base TASKI

Les données d'une même pêcherie ont parfois été enregistrées dans les bases TASKI et SIZE sous un code d'engin différent (par exemple RR/SPOR, etc.). Etant donné que le programme d'extrapolation des fréquences de taille à la prise n'admet qu'un même jeu de codes pour deux jeux de données, les codes d'engins des bases TASKI et SIZE ont été provisoirement ajustés pour les faire coïncider.

Dans le cas de certaines pêcheries, les prises de la base TASKI ont subi une autre ventilation, car on estime que la composition par taille de la prise pourrait être très différente (par exemple: prises PS italiennes entre mers Thyrrhénienne, Adriatique et Ligure; prises TRAP tunisiennes entre Sidi-Daoud et Monastir). Des données de taille différentes sont associées à ces prises sous-divisées.

iii) Nombre de poissons au lieu du poids des prises

Le groupe réuni à Trapani a décidé d'utiliser le "nombre de poissons" au lieu du "poids des captures" pour les données de taille à extrapoler, lorsque ces dernières constituaient l'enregistrement d'origine des prises. Dans ce cas, le nombre de poissons a remplacé les TM dans la base TASKI.

3. Base TASKI révisée

Le tableau A indique les prises en TM (et en nombre de poissons seulement lorsque celui-ci a été utilisé pour l'extrapolation). Il s'agit des chiffres employés dans la base provisoire TASKI utilisée pour ce travail.

4. Base de données SIZE

Toutes les fréquences de taille thon rouge ont été utilisées, soit extrapolées, soit telles qu'elles figurent dans l'échantillon original.

5. Substitution de données *(voir TABLE A)*

La TABLE A indique les correspondances établies entre les prises et les données de taille. Elle indique: les prises par pêcherie et par année, en poids (et en nombre si l'enregistrement d'origine était en nombre); "X" = données correspondantes de taille disponibles; le nombre de poissons mesurés (taille de l'échantillon); les données substituées lorsqu'il n'y a pas de données de taille correspondantes.

L'information sur le volume de l'échantillon est incomplète, car de nombreux scientifiques nationaux nous ont remis des données déjà extrapolées sans mentionner l'importance de l'échantillon d'origine.

Les correspondances entre données et les substitutions ont été effectuées pour chaque pêcherie sur une base annuelle, en trois zones (Atlantique est, Atlantique ouest, Méditerranée). Les seules exceptions sont LL Japon 1970-81 et certaines prises américaines, pour lesquelles les correspondances ont été établies par strates plus affinées (par exemple en 6 secteurs atlantiques et par trimestre).

Les substitutions ont toutes été soumises à débat et ont fait l'objet d'un accord à la réunion de Trapani, mais quelques modifications minimes ont ensuite été introduites par le Secrétariat, comme suit:

Pays	*Zone*	*Engin*	*Année*	*Accord Trapani*	*Nouvelles substitutions*
France	Atl. est	BB	1980	Pas de substitution	Espagne BB 80
Pologne	Atl. est	UNCL	1971	Norvège PS 71	Japon LL 71
			1972	Norvège PS 72	Japon LL 72
Argentine	Atl. ouest	LL	1962	Japon LL 56 + 57	Japon LL 56 + 57 + 60
			1963	Japon LL 56 + 57	Japon LL 56 + 57 + 60
			1964	Japon LL 56 + 57	Japon LL 56 + 57 + 60
France	Med.	PS	1980	Pas de substitution	France PS 79 + 81
Tunisie	Med.	TRAP	1979	Grands poissons standards	Données taille actuelles
Petits poissons standards	Med.		1960	Aucun	Espagne Med. TRAP 60
			1961	Aucun	Espagne Med. TRAP 61
			1962		Espagne Med. TRAP 62
			1963		Espagne Med. TRAP 63
			1964		Espagne Med. TRAP 64
			1974-1981	PS italiens*	Espagne Med. TRAP**
Maroc	Med.	PS	1972-1981	Une classe pour poissons âge 0	Espagne Med. poissons âge 0 (tous engins)

** Echantillons PS italiens pour grands poissons seulement*
*** 1980 et 1981 utilisées pour 1981*

6. **Données de taille associées**

7. **Extrapolation (pondération)**

Le poids total du poisson dans chaque fréquence de taille a été estimé en appliquant le point médian de chaque classe de taille au rapport longueur-poids approuvé à la réunion de Trapani. Le poids de la prise (ou nombre de poissons) a été divisé par le poids estimé (ou nombre de poissons) pour calculer le facteur d'extrapolation.

L'extrapolation a été effectuée comme suit:

		Responsable
Espagne*	Tous engins	J.C. Rey
Maroc*	" "	" "
France*	BB NE	" "
Portugal	Tous engins	J.G. Pereira
Etats-Unis	" "	M.L. Parrack
Canada	" "	" "
Pologne	" " Atl. ouest	" "
Suède	" "	" "
Allemagne	" "	" "
Norvège	" "	" "
Danemark	" "	" "
France	Med. PS 70-79, 81	B. Liorzou
Japon*	LL 70-81	T. Nagai

* *Certaines données ne sont que partiellement pondérées, et le Secrétariat les a extrapolées de nouveau aux prises TASKI*

Toutes les autres substitutions et extrapolations ont été effectuées par le Secrétariat.

8. Prise par taille

9. TABLE B

La TABLE B comprend les prises par taille pour chaque pêcherie, par an, Atlantique est et ouest et Méditerranée. Les intervalles de classe de taille de cette table sont généralement conservés dans la fréquence de taille de l'échantillon d'origine signalé (1 cm, 2 cm, 5 cm, etc.). Par contre, si deux échantillons qui ont un intervalle de classe différents sont additionnés et utilisés pour les besoins de la substitution, ils sont divisés en intervalles de 1 cm (voir le point 10).

Au pied de la TABLE B vous trouverez ce qui suit:

TOTAL #FISH ..... Total des fréquences. Les fréquences peuvent être décimales ou arrondies. La somme des fréquences apparentes peut ne pas être égale au TOTAL.

TOTAL CATCH (MT) ..... Poids total estimé du poisson dans la fréquence ci-dessus (= MEAN WEIGHT x TOTAL #FISH).

TASKI MT OR #FISH ..... Poids (TM) ou nombre de poissons (Japon) dans la base TASKI révisée.

FISH (ORIG. REC.) ..... Nombre total de poissons dans les fréquences associées à la prise. Cette fréquence peut être une fréquence de taille échantillonnée correspondant à la prise, une fréquence de taille échantillonnée substituée, ou une fréquence de taille pondérée.

MT (ORIG. REC.) ..... Poids total estimé du poisson dans les fréquences de taille associées à la prise.

RAISING FACTOR ..... Si pondéré au MT de la prise, TASKI MT/MT (ORIG. REC.). Si pondéré au nombre de poissons, TASKI # FISH/ # FISH (ORIG. REC.). Lorsque le facteur de pondération = 1000, aucune extrapolation n'est effectuée par le Secrétariat (soit 100 o/o échantillonné ou données enregistrées déjà pondérées).

MEAN LENGTH (CM) ..... Longueur moyenne.

MEAN WEIGHT (KG) ..... Poids moyen.

Remarques importantes:

Il pourrait y avoir des divergences importantes entre TOTAL CATCH (MT), c'est-à-dire le poids total estimé du poisson dans les fréquences extrapolées, et TASKI CATCH (MT). Ceci peut être dû à l'une des deux raisons suivantes:

1. Les scientifiques nationaux enregistrent parfois les prises par classes de taille sous-divisées (par exemple, classes commerciales) et les fréquences de taille ont été pondérées une fois pour chaque sous-division avant d'être ajoutées au total.

Le Secrétariat n'a pas modifié de nouveau les fréquences (par exemple, France Med. PS 70-79, 81 et Portugal TRAP).

2. Comme l'indique le rapport (texte), lorsque les fréquences de taille sont extrapolées au nombre total de poissons signalé plutôt qu'au poids de la prise, TOTAL CATCH (MT) dans la TABLE B est tout à fait différente de la prise (en poids) TASKI indiquée à la TABLE A (par exemple, Japon LL. E. Atl. 62: TOTAL CATCH (MT) = 6942, TASKI MT = 2484).

10. TABLE C

Toutes les prises par taille par pêcherie ont été additionnées pour l'Atlantique est et ouest et la Méditerranée, par année. Etant donné que les intervalles de classe de taille diffèrent selon les pêcheries, ces prises sont également divisées en intervalles de 1 cm avant d'être ajoutées.

Ci-joint les tableaux suivants:

TABLE A ..... Prises de thon rouge, données de taille et substitution de données de taille selon accord, Atlantique est et ouest et Méditerranée, 1960-81.

TABLE B ..... Prises par taille annuelles de thon rouge par pêcherie, Atlantique est et ouest et Méditerranée, 1960-81

TABLE C ..... Prises par taille annuelles de thon rouge (toutes pêcheries combinées), Atlantique est et ouest et Méditerranée, 1960-81.

(NOTE: Ces tableaux ont été révisés au 15 décembre 1983 en y incorporant les révisions qui ont été recommandées lors de la réunion de 1983 du SCRS.)

INFORME DE LAS JORNADAS DE TRABAJO SOBRE EL ATUN ROJO

31 de Agosto - 8 de Septiembre de 1983
Tsukuba/Shimizu, Japón

1. Apertura de la reunión

Por invitación de Japón, las Jornadas de Trabajo sobre el Atún rojo tuvieron lugar del 31 de Agosto al 2 de Septiembre en el Tsukuba Office of the Research Council Secretariat (Ministerio de Agricultura y bosques), Tsukuba, y del 5 al 8 de Septiembre en el Far Seas Research Laboratory (FSFRL), Shimizu.

El Dr. S. Morita, Director de Recursos Pelágicos del FSFRL dió la bienvenida a los participantes en su discurso de apertura.

El Dr. Ikeda, Director del FSFRL pronunció unas palabras poniendo de relieve la importancia de las sesiones que se iban a celebrar.

2. Disposiciones para la reunión

Mr. M. Parrack (Estados Unidos) fue nombrado presidente de las sesiones celebradas en Tsukuba y Mr. Z. Suzuki (Japón) presidió las sesiones en Shimizu. El Dr. P. M. Miyake (Secretaría) y Mr. M. Parrack (USA) cumplieron las funciones de relatores. La lista de participantes se adjunta como Apéndice 2.

3. Adopción del Orden del día

Se adoptó el Orden del día, que había sido distribuído por la Secretaría con anterioridad, introduciéndose algunos cambios menores. Los puntos 1-4 se trataron en el curso de las sesiones en Tsukuba y los puntos 5 - 9 en el curso de las sesiones celebradas en Shimizu.

4. Examen de los datos de captura por talla

4.1 Metodología de transformación de muestras a captura

Se revisó y se aprobó el Informe y el Apéndice de la reunión preparatoria que tuvo lugar en Trapani (Italia) en Mayo de 1983, redactados por la Secretaría. En dicho Informe se describía la metodología aplicada para transformar las muestras a captura.

El Informe se modificó ligeramente con el fin de reflejar las sugerencias presentadas por los asistentes a estas Jornadas de Trabajo. El texto del Informe y el Apéndice se adjuntan como Apéndice 3. Las Tablas A - B* del Apéndice fueron examinadas con espíritu crítico, introduciéndose numerosos cambios.

* Tabla A - Captura de atún rojo, datos de talla y sustituciones de los datos de talla, que habían sido acordadas, respecto al Atlántico Este, Oeste y el Mediterráneo.

Tabla B - Captura anual de atún rojo por talla, por pesquería y por zonas Este y Oeste del Atlántico y Mediterráneo, 1960-1981.

4.2 Identificación de las muestras de talla que corresponden a la captura

4.3 Examen de las sus tituciones de datos aplicadas

Se estudió la Tabla A del Apéndice del Informe de Trapani con respecto a la concordancia de los datos y con respecto a las sustituciones. Se examinó con especial atención el problema 2 en la página 3 del Informe. Observando que se podían producir discrepancias entre la captura informada oficialmente (en peso, Tarea I) y el peso estimado multiplicando el número de peces por el peso medio resultante de las frecuencias de talla, el Grupo indicó que podrían darse tres principales fuentes de errores: el peso de la Tarea I es impreciso (en el caso de los datos de palangre presentados por Japón en años anteriores, parece que se informó en peso eviscerado); las frecuencias de talla no son representativas (debido al sesgo en la muestra o bien a una sustitución de datos inadecuada); empleo de diferentes relaciones talla-peso.

Desde hace algunos años, los datos japoneses de palangre muestran diferencias sustanciales entre los dos conjuntos de estimaciones de peso. Por tanto, el Grupo llegó a la conclusión de que las sustituciones adoptadas para la captura del periodo 1960-63 en la reunión de Trapani, no eran las óptimas, por lo que se decidió cambiar las sustituciones de datos. Estas nuevas sustituciones producen menos discrepancias entre la captura en peso estimada y la informada.

En la Tabla A se introdujeron algunos cambios importantes, añadiéndose nueva información. El Grupo observó que las tablas estadounidenses de captura por talla, no concuerdan con las captura de la Tarea I y se decidió mostrar en la Tabla A las capturas presentadas en aquel momento en vez de las estadísticas de la Tarea I.

El Grupo observó que en las Tablas A y B, al presentar las capturas sólo en peso, éste se transforma en captura a la talla. Sin embargo, cuando las capturas se presentan en peso y número, el número de peces capturados se transforma en número de peces capturados por talla, y la captura en peso no se aplicó para obtener la captura a la talla.

4.4 Distribución por temporada de los datos de captura

Para transformar los datos de captura por talla en captura por edad (o cohorte) es esencial saber en qué época del año ha sido efectuada dicha captura. Dado que las tablas de captura (Tabla B) preparadas en la reunión de Trapani, son por año, será necesario rehacer totalmente la base de datos. Esto plantea dos problemas. Primero: en muchos casos no se conoce el mes de captura o bien es necesario efectuar una búsqueda en los documentos para conocerla; segundo: el tiempo que sería necesario para reestructurar la base de datos, hace imposible completar esta tarea antes de la reunión del SCRS en este año. Estos problemas se trataron como sigue:

Pesquerías costeras – Se identificó la temporada de pesca, asignándose la captura por talla anual a ese trimestre específico.

Pesquerías de palangre – Se emplearon los datos del palangre japonés para establecer la distribución trimestral de la captura.

Con estos criterios, el Grupo examinó cada una de las pesquerías, añadiendo información y/o instrucciones acerca de las temporadas (véase Tabla A).

Los problemas principales eran:

a) Captura de palangre japonés - 1960-1970

Se disponía de estimaciones de capturas específicas de talla, por trimestre, de los años 1971-1981. Sin embargo, las capturas del periodo 1960-70 no estaban divididas por trimestre, por lo que el Grupo decidió distribuir la captura por talla en trimestres de acuerdo con las distribuciones proporcionales de la captura (en número de peces) que se encuentran en los datos de captura de la Tarea II.

b) Pesquerías sobre las que se desconoce el trimestre en el cual se efectuaron las capturas

En el caso de capturas no muestreadas, se han establecido clases de talla por medio de sustitución de muestra y, a menudo, se desconoce en qué mes se efectuó la captura o bien, no coinciden con la temporada a la que pertenecen los datos de talla concordantes. Por norma general, se asignó la captura al trimestre del cual se tomaron las muestras de talla. Sin embargo, cuando el tiempo de muestreo era muy amplio o desconocido, se asignó al trimestre durante el cual se obtuvieron las capturas. Todos los trimestres asignados a cada pesquería se añaden a la Tabla A y este informe va acompañado de una Tabla A revisada.

c) Tabla de captura por talla a un nivel mas afinado de resolución de tiempo

Se constató que en el caso de algunas pesquerías, se dispone de capturas y de muestras de talla, por mes y por trimestre. El Grupo recomendó que para el año próximo se haga de nuevo la tabla de capturas por talla, con esta nueva información.

Para aquellas pesquerías sobre las cuales no se dispone de datos adecuado de captura y talla por temporada, se debería mantener, tras su verificación, la tabla trimestral de captura por talla acordada en esta reunión.

4.5 Examen de la tabla de captura por talla

Los anteriores debates fueron causa de la modificación de las Tablas B y C. No había suficiente tiempo para subdividir por temporadas las capturas de palangre de Japón y otros países. Por tanto, sólo se distribuyeron algunas copias de trabajo para los participantes.

4.6 Examen de las limitaciones de la tablas de captura por talla

El Grupo señaló tres problemas principales: capturas no muestreadas, capturas escasamente muestreadas y capturas no informadas. Se consideró el importante número de sustituciones necesarias para hacer las tablas de captura por talla, observando que la frecuencia de tales sustituciones es muy alta. Mr. T. Nagai (FSFRL) presentó un estudio preliminar de dichas tablas y señaló que se había empleado un gran número de sustituciones para el Atlántico Este, antes de 1969. El Grupo reconoció que si bien ha habido un aumento gradual en el número de frecuencias de talla, las capturas del Atlántico Este y del Mediterráneo no habían sido muestreadas, en su mayor parte, de aquí que el número de sustituciones fuese importante.

Asimismo, Mr. Nagai señaló que el número de peces muestreados ha sido a menudo escaso, o bien no ha quedado registrado. Este punto fue debatido. En muchos casos, habiéndose tomado muestras y registrado el tamaño de la muestra, éste era insuficiente para obtener un nivel de precisión del 20 o/o. Por otra parte, a menudo, no se había anotado el mes de recogida de la muestra, ni se precisaba el tipo de medición efectuada, y tampoco se informaba acerca del número de peces muestreados. Al estudiar estas deficiencias, el Grupo manifestó que, si bien no se podían remediar con respecto al pasado, no debían continuar en el futuro. Se recomienda que el SCRS estudie el problema este año y adopte una serie de normas para el muestreo de frecuencias de talla del atún rojo, así como algunos mecanismos para controlar los informes sobre muestreo.

El Grupo señaló un punto al cual ya se hacía referencia en el informe de la reunión de Trapani: la ausencia de información sobre captura de peces de edad cero en las pesquerías mediterráneas. Se trata de un problema importante y que requiere medidas al respecto. El Grupo observó que las estadísticas de captura de ciertas pesquerías del Mediterráneo eran inadecuadas, como ya se observaba en el informe de Trapani, instando al SCRS para que considere el contratar a una agencia que se encargase de mejorar los datos de estas pesquerías, incluyendo la información respecto a la captura de peces de edad cero y las muestras de frecuencias de talla.

4.7 Transformación de captura a la talla en captura a la edad

El Grupo consideró tres tipos de problemas que se pueden encontrar al convertir talla a edad aplicando ecuaciones de crecimiento. El crecimiento según el dimorfismo sexual, las grandes diferencias en la abundancia entre cohortes y en el crecimiento de los individuos, introducen posibles sesgos. Existen indicios de dimorfismo sexual, ya que los machos tienden a ser mayores que las hembras, como ocurre con otros túnidos. El Grupo manifestó la intención de seguir investigando sobre este fenómeno a medida que se vaya disponiendo de datos. El Grupo debatió la posibilidad de un crecimiento estocástico, llegando a la conclusión de que los algoritmos de determinación de la edad empleados en futuros análisis deberían tener en cuenta las diferencias de crecimiento entre individuos. Finalmente, se trató sobre la repercusión de grandes diferencias de fuerza de la cohorte sobre las estimaciones de la edad. Se llegó a la conclusión de que tales diferencias podrían ser causa de sesgos en las estimaciones, de aquí que tales sesgos debían ser investigados en relación con los procedimientos de estimación de la edad empleados en futuros análisis.

5. Consideración de técnicas alternativas de evaluación aplicables al atún rojo y empleo alternativo de los datos (ej. captura a la talla)

Se debatió el empleo de análisis de producción excedente basados en la CPUE. Se expresaron algunos opiniones respecto a porqué tales técnicas pudieran no ser adecuadas en el caso del atún rojo atlántico. El Grupo reconoció que la normalización del esfuerzo de pesca es el problemas de mayor magnitud, dado el gran número de pesquerías distintas que no pueden ser ajustadas a una sola medida. Se señaló que puesto que estas pesquerías son muy diferentes en espacio y tiempo y a causa de que los diferentes artes empleados están adaptados con precisión al comportamiento de grupos de peces de edad específica, no se puede obtener un índice global de abundancia. Tambien se observó que a causa de la larga vida del atún rojo atlántico, y el importante aumento de peso a lo largo de su ciclo vital así como a la importancia de las fluctuaciones en la abundancia de la clase anual, tales métodos, probablemente, no son adecuados. Sin embargo, y con el fin de conocer mejor la historia de la población, se consideró útil aplicar las ideas generales.

Igualmente, se consideró adecuado el empleo de la CPUE como índice de abundancia en la estimación del reclutamiento de clases anuales y de la población reproductora. Se adjunta una Tabla que muestra la disponibilidad de datos de CPUE y las características de las principales pesquerías atlánticas de atún rojo.

El Grupo consideró varias alternativas de técnicas de evaluación, que incluyen:

a) Prospección hidroacústica para establecer un índice del tamaño de la población reproductora.

b) Prospección de huevos y larvas para estimar el tamaño del stock reproductor.

c) Datos recogidos por medio de prospección aérea para establecer un índice de la importancia del reclutamiento.

d) Datos de marcado y recaptura para estimar el tamaño de la población.

e) Análisis sucesional de población (por ej. VPA, cohorte, etc).

f) Análisis de captura a la talla, además del VPA.

g) Establecimiento de relaciones entre la abundancia del reclutamiento y las condiciones ambientales en las primeras etapas del ciclo vital.

6. Aplicación del VPA a la base de datos del atún rojo

A sugerencia del SCRS, el gobierno de Japón invitó al Dr. W.G. Doubleday (Canadá), científico de gran experiencia en la aplicación del VPA en campos diferentes a los túnidos. El

Dr. Doubleday habló sobre la aplicación de análisis basados en captura a la edad, a los datos del atún rojo atlántico. Estas consideraciones se encuentran en el documento SCRS/83/26. Algunos problemas especiales incluían muestreo incompleto, errores en la estimación de la edad, tasas de migración desconocidas, cambios en los tipos de pesca y en la capturabilidad, falta de índice de reclutamiento y análisis inadecuado de los datos de marcado y recaptura. El Grupo estimó que estos puntos eran de capital importancia y también se ocupó de los métodos para calibrar o sintonizar dichos análisis. A este respecto, se consideró como importante un análisis de datos de captura y esfuerzo, en particular, el analizar dichos datos con la menor resolución espacio-temporal que fuese posible. Los datos de palangre mensuales japoneses, por mes y zona de 1º x 1º, deberían ser aislados con vistas a futuros análisis. Por otra parte, el Grupo recomendó que los métodos de calibración o sintonización empleados en futuros análisis deberían ir acompañados de documentación.

Tras un largo debate, se recomendó el empleo para el atún rojo de las tasas de mortalidad natural de 0.1 a 0.18.

Se trató acerca de la transformación de los datos de captura a la talla en grupos de edad y se recomendó que tal transformación, al ser aplicada en futuros análisis, ruviera en cuenta las variaciones y las tasas de crecimiento entre individuos. Además, el examen de los datos de talla por sexo de Estados Unidos y Canada, muestran diferencias en la proporción sexual específica de la talla. Estos datos deberían ser empleados en los análisis futuros, para establecer la proporción de sexos en la captura y para derivar parámetros para modelos de crecimiento específicos del sexo. Si bien las tasas de mortalidad específicas de la edad podrían compensar cualquier diferencia en las tasas de crecimiento, el Grupo decidió que tales fenómenos debían ser investigados.

La subestimación de las capturas de palangre, resultantes del hecho de no registrar los peces mutilados, fue objeto de debate, decidiéndose que las tasas del estas mutilaciones debían ser estimadas, si se disponía de datos, así como ajustar los datos de captura de palangre.

El Grupo consideró el importante número de clases de edad que incluían análisis pasados, así como las dificultades para transformar la tabla de captura a la talla, en tabla de edad. Por tanto, existe la tendencia de subestimar las clases de edad importantes y sobrestimar las pequeñas, de aquí que las variaciones en la fuerza de las diversas cohortes, queden suavizadas. El Grupo llegó a la conclusión de que las edades mas avanzadas en las tablas de captura deberían agruparse en una sola categoría, con vistas a su análisis. Tal tratamiento de peces de edad avanzada en los análisis y el empleo de métodos estocástivos de determinación de la edad, probablemente excluye posibles errores en las tablas de captura. Si en el futuro, la tablas de captura contienen capturas truncadas de cohortes específicas, se acordó que en los procedimientos de análisis no se asumirá que la cohorte no siguió viviendo después del último año de la captura. Aqui, Z = M, se aplicará para una proyección directa de la población.

El Grupo señaló la importancia de establecer tasas mixtas entre las poblaciones Este y Oeste, y manifestó que el análisis por rayos X de los micro-elementos que se formaban en las partes duras en los diferentes periodos del ciclo vital, permiten estimaciones de la frecuencia y periodicidad de las migraciones trasatlánticas. Queda por determinar el costo y la posibilidad de efectuar tales análisis.

El Grupo manifestó asimismo que los estudios de distribución de parásitos del atún rojo y de la de los propios parásitos, podría ser útil para investigar la tasa de mezcla de los túnidos.

Consideranto todas estas dificultades, el Grupo manifestó que el análisis mas eficaz para las poblaciones de atún rojo atlántico es el VPA y que las mejoras antes discutidas deberían ser introducidas rapidamente.

7. Programa de trabajo en el futuro

Las tareas para el futuro son las siguientes:

a) Reunir un archivo de datos de marcado y recaptura en el Atlántico Oeste y enviarlo a la Secretaría de ICCAT. Estados Unidos se encargará de esta tarea, que estará finalizada para el 1 de Abril de 1984.

b) Analizar todos los datos de marcado y recaptura antes del 1 de Octubre de 1984. España, Japón y Estados Unidos realizarán estas investigaciones.

c) Analizar la CPUE de caña y carrete de Estados Unidos para fijar un índice de reclutamiento. Estados preparará un análisis para la reunión de Noviembre 1983.

d) Analizar la CPUE de palangre por cuadrículas de 1º x 1º. Este análisis, absolutamente prioritario, será efectuado conjuntamente por los países interesados, tan pronto se disponga de los datos. Japón se responsabiliza de facilitar los datos antes del 1 de Abril 1984.

e) Se observó que las capturas de palangre estaban subestimadas debido a que las estadísticas no incluían los peces mutilados por tiburones y mamíferos marinos, cuya cantidad se debería estimar y presentar al SCRS en Noviembre 1984. Esta tarea queda a cargo de Estados Unidos.

f) Afinar la resolución temporal de los datos de captura a la talla. Todos los países deberán presentar a ICCAT estos datos de captura a la talla en la forma mas afinada posible (no menos de un mes) para Marzo de 1984. La Secretaría de ICCAT, en colaboración con científicos de los diversos países, efectuará las derivaciones de los datos que no hayan sido presentados.

g) Las deficiencias en los datos de frecuencias de talla y de captura, descritas en la página 4, párrafo 4.7, no deberán continuar manteniéndose. El SCRS debería adoptar este año normas y estructurar mecanismos para asegurar el mantenimiento de dichas normas.

h) El Grupo apuntó la necesidad de establecer la frecuencia y periodicidad de las migraciones trasatlánticas. Como posible método se habló del análisis de micro-elementos en las partes duras por rayos X. Estados Unidos estudiará el costo de analizar un pequeño número de peces antes de la reunión de Noviembre 1984.

i) Investigar el empleo de datos de prospección aérea para encontrar un índice de la abundancia del reclutamiento. Se decidió que todos los países obtengan informes verbales de los "pilotos observadores" y discutan la practicabilidad del método en la reunión SCRS en Noviembre de 1983.

j) Analizar los datos de los cruceros de investigación sobre huevos y larvas para hallar un índice de la abundancia del stock reproductor. Se informó que Estados Unidos recogía datos en forma continua y que no se disponía de suficentes series temporales. España investigará los datos del Mediterráneo.

k) Evaluar el empleo de datos hidroacústicos para establecer un índice de las poblaciones de reproductores. Estados Unidos, Canadá y Japón preparan un informe, en colaboración y por correspondencia, que se presentará al SCRS en Noviembre de 1984.

l) En respuesta a la necesidad de recopilar estadísticas fiables respecto a las pesquerías mediterráneas, se recomienda encargar la tarea a una agencia. ICCAT efectuará un estudio sobre esta posibilidad e informará al SCRS en Noviembre de 1983.

m) Aislar los datos de la proporción de sexos por talla. España, Canadá, Japón y Estados Unidos presentarán documentos con estos datos básicos en la reunión SCRS de Noviembre 1983.

n) Emplear datos de proporción de sexos por talla para estimar los parámetros de crecimiento específicos del sexo, por simulación. Francia presentará los resultados de las simulaciones en Abril de 1984.

Considerando la importancia y magnitud de los puntos anteriormente reseñados, y el tiempo necesario para llevarlos a cabo, es improbable que las evaluaciones del stock efectuadas antes de 1984 añadan mucho a las efectuadas con anterioridad. Son prioritarios los puntos a - f y m - n.

Otros puntos que deberán en el futuro ser objeto de las evaluaciones presentadas al Comité son los siguientes:

a) Técnicas para estimar la edad a partir de la talla, que tengan en cuenta las diferentes tasas de crecimiento entre individuos.

b) La fiabilidad de los métodos de comprobación debería ser estudiada por simulación y posteriormente informada. Supuestos tales como el del punto de intercepción cero, no se mantendrán necesariamente, sino mas bien se emplearán en el "tuning process" (proceso de sintonización) con el fin de poder escoger entre varios vectores de mortalidad por pesca. Por otra parte, la comprobación sería de las muestras de captura y esfuerzo, no de las estimaciones de los totales tras el prorrateo. Estas estimaciones se harán en base a resoluciones espacio-temporales finas.

c) Clasificar los peces de mas edad en una sola categoría. Sin embargo, la presencia de peces de edad superior a la última aplicada en el VPA deberá emplearse en las proyecciones directas.

d) Aplicar procedimientos de VPA que no tengan como supuesto que la última edad de la captura es la última edad de la población viva, empleando Z = M para las proyecciones directas de una cohorte.

e) El salto de la mortalidad natural, de 0.10 a 0.18 parece razonable a la vista de la información mas actual. El empleo de M fuera de esta escala, deberá apoyarse en datos adicionales.

8. Adopción del informe

Se presentó el borrador del informe que fue adoptado tras una cuidadosa revisión y modificiones. La Tabla A estaba completa al finalizar la reunión; las Tablas B y C , sólo parcialmente. Sin embargo, todos los participantes recibieron los datos básicos necesarios para completarlas. Se pidió a la Secretaría que se encargase de finalizarlos en colaboración con el personal del FSFRL y posteriormente de distribuirlos.

La Tabla B es muy voluminosa, por lo que se decidió distribuir el informe con las Tablas A y C con una nota explicando que la Tabla B puede pedirse a la Secretaría. Sin embargo, cada país miembro debería recibir al menos un ejemplar de la Tabla B.

9. Clausura

Mr. J.S. Beckett, presidente del SCRS, dió las gracias a todos los asistentes por su excelente labor y al personal del FSFRL por la acogida dispensada así como por la organización de la reunión. El Dr. I. Ikeda, director del FSFRL, pronunció un discurso de clausura, en el cual habló del éxito de la reunión, de las nuevas conclusiones y de las futuras dificultades.

La reunión quedó clausurada.

TABLA DE DISPONIBILIDAD DE DATOS CPUE PARA DIVERSAS PESQUERIAS

Atlántico Oeste	*Arte*	*Series CPUE*	*Comentarios*
Canada	R&R	1975-	Las zonas han cambiado. Se observa mayor experiencia. Número de barcos con anterioridad a 1975.
	Keg	1982-	Nueva pesquería
	Trap	1975-	La proporción de capturas desembarcadas se incrementó a mediados de los 70, al aumentar los precios.
	PS	1963-81	Varios períodos con cambios de barcos. Detección desde el aire.
EE.UU.	Trap	Ninguna	
	PS pequeños	Ninguna	No se dispone de medidas adecuadas debido a un aumento de detección desde aviones, cuyo número no fue registrado. Se observan fluctuaciones en la disponibilidad.
	PS grandes	Ninguna	
	R&R pequeños	1975-82	Grandes fluctuaciones de disponibilidad.
	R&R grandes	1982	
	LL	Ninguna	
Japón	LL invierno	1970-	Pesquería mixta (BET). En algunos años, captura de BFT pequeño.
	LL verano	1957	Capturas incidentales de peces de talla media y grande.
	LL G. de Mex.	1976-81	Pesquería extinguida. Grandes peces en la estación del desove.
	LL Brasil	1960-68	Peces de tamaño mediano y grande.

Atlántico Este	*Arte*	*Series CPUE*	*Comentarios*
Noruega	PS	Ninguna	
	Mixta	Ninguna	
Otros en Mar del Norte		Ninguna	
Francia	BB	1960-	
España	BB (Vizcaya)	1972-	El esfuerzo declinó recientemente.
	BB (Canarias)	1965-	Barcos muy pequeños, esfuerzo muy variable.
	Trap	1960-	Descendió el número de almadrabas.
Portugal	Trap	Ninguna	La pesquería terminó después de 1970.
	Azores	1974-	Barcos muy pequeños, capturando diversas especies de túnidos.
	Madeira	1976-	Barcos muy pequeños, capturando diversas especies de túnidos.
Marruecos	PS	1961-	Dias en el mar durante algunos años.
	Trap	1960-	Número de almadrabas.
Japón	LL	1972-	

Mediterráneo	*Arte*	*Series CPUE*	*Comentarios*
Francia	PS	1975-	Flota especializada. Después de 1981, número de días de pesca; antes, solo número de barcos.
España	Edad 0	Ninguna	El esfuerzo indica abundancia
	Trap	1960-78/81-	Se colocan esporadicamente para otras especies distintas del BFT.
Italia	Trap	Ninguna	
	PS pequeños	Ninguna	
	PS grandes	Ninguna	
Japón	LL	1972-	La pesquería principal terminó después de 1975.
Marruecos	Trap	1960-	Número de almadrabas.
Tunisia	Trap	1960-	Días de pesca de almadraba hasta 1978.
	PS	Ninguna	

Apéndice 1

JORNADAS DE TRABAJO SOBRE EL ATUN ROJO

ORDEN DEL DIA

1. Apertura de la reunión

2. Disposiciones para la reunión

3. Adopción del Orden del día

4. Examen de los datos de captura por talla

   4.1 Metodología de transformación de muestras a captura
   4.2 Identificación de las muestras de talla que corresponden a la captura
   4.3 Examen de las sustituciones de datos aplicadas
   4.4 Distribución por temporada de los datos de captura
   4.5 Examen de la tabla de captura por talla
   4.6 Examen de las limitaciones de las tablas de captura por talla
   4.7 Transformación de la captura a la talla en captura a la edad

5. Consideración de técnicas alternativas de evaluación aplicables al atún rojo y empleo alternativo de los datos (ej., captura a la talla)

6. Aplicación del VPA a la base de datos del atún rojo

7. Programa de trabajo en el futuro

8. Adopción del informe

9. Clausura

Apéndice 2

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** Unicamente asistieron a la Reunión de Shimizu

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Secretary

MARTINEZ, X.
Interpreter

Apéndice 3

INFORME DE LA REUNION PREPARATORIA SOBRE EL ATUN ROJO

(Trapani, Italia - 23-27 de Mayo 1983)

INTRODUCCION

La reunión se convocó para establecer de común cuerdo, las mejores estimaciones de la cifra anual de ejemplares de atún rojo capturados, por talla, en cada una de las pesquerías en el Atlántico. Estas cifras serán aplicadas por el SCRS para estudiar la condición del recurso en el futuro. El Grupo agradeció la cordial y generosa acogida dispensada, así como los medios facilitados por el presidente de la Libera Università di Trapani, Dr. G. Garraffa, y la perfecta coordinación de la reunión, a cargo del Dr. R. Sara.

Participaron los siguientes científicos:

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National Marine Fisheries Service
Miami, Florida

Dr. Peter M. Miyake
ICCAT
Madrid, España
Ms. Philomena M. Seidita (Secretaria)
ICCAT
Madrid, España

RESULTADOS

En respuesta a la solicitud hecha por ICCAT para que todos los países miembros facilitasen estimaciones de la cifra anual de atún rojo capturado, por talla, y arte (pesquería), España, Japón, Estados Unidos y Canadá presentaron la información requerida, al inicio de la reunión.

El Grupo examinó los datos de talla disponibles respecto a los años anteriores a 1960, llegando a la conclusión de que no eran suficientes para cotejarlos con los datos de captura, y que sólo se haría un Cuadro de captura por talla para el período 1960-1981.

En muchos casos, aún habiéndose informado las capturas de atún rojo, no había muestras anuales de talla, y por consiguiente, el Grupo tuvo que dilucidar cuál era en cada caso la mejor muestra para efectuar la sustitución. Fueron muy apreciadas las valiosas indicaciones brindadas por el Dr. Arena y el Dr. Sara respecto a las pesquerías mediterráneas. Los demás miembros del Grupo aportaron su conocimiento de las pesquerías del Este y Oeste del Atlántico. Tras alcanzar un acuerdo sobre las sustituciones que era necesario efectuar, se asignó a los miembros del Grupo, la tarea de calcular la cifra anual de captura, por talla, de aquellas pesquerías nacionales de las que no se conocía este dato, y de los numerosos casos donde era preciso efectuar sustituciones de muestra.

La tarea quedó distribuída como sigue:

Estados Unidos y Canadá	M. Parrack
España	A. Gonzalez Garcés y J.C.Rey
Francia - Atlántico	A. Gonzalez Garcés y J.C.Rey
Mediterráneo (desde 1960)	B. Liorzou
Japón - (desde 1970)	T. Nagai
Portugal (incluyendo la Península, Madeira, y Azores)	J. Pereira
Marruecos	A. Gonzalez Garcés y J.C. Rey
Alemania, Noruega, Polonia, Suecia y Dinamarca	M. Parrack
Otros	Secretaría ICCAT

El Grupo pidió a la Secretaría que preparase tres Cuadros, que serían revisados en el curso de las Jornadas de Trabajo, en el mes de Septiembre.

Cuadro A - Datos disponibles y sustituciones. Presenta las capturas por año/país/arte/zona, no muestreadas y las necesarias sustituciones.

Cuadro B* - Estimación de la cifra anual de captura por talla de cada pesquería por zona/arte/país.

Cuadro C - Cuadro de la captura por tallas, sumando todas las frecuencias señaladas en el Cuadro B, para las tres zonas principales del Atlántico. Dado que los intervalos de clase varían entre las distintas pesquerías, debería prepararse el Cuadro en intervalos de 1 cm. Si las frecuencias son superiores a 1 cm., los intervalos de clase deberían distribuirse equitativamente en intervalos de 1 cm.

Se acordó que para preparar las tablas de captura por tallas, se utilizarían las siguientes ecuaciones de relación talla-peso, a menos que estuviesen disponibles las ecuaciones específicas para pesquería y temporada.

* Dado el volumen del Cuadro, éste fue enviado unicamente a los posibles asistentes a las Jornadas de Trabajo. Sin embargo, la Secretaría dispone de varios ejemplares para enviar a quien los solicite.

1. Atlántico Este $W\ 2.95 \times 10^{-5} \times FL^{2.898958}$
   Fuente: J.C. Rey y J.L. Cort (no publicado)

2. Atlántico Oeste: $W = 2.861 \times 10^{-5} \times FL^{2.929}$
   Fuente: M. L. Parrack (SCRS/79/98, Cuadro 2)

3. Mediterráneo: $W = 1.9607 \times 10^{-5} \times FL^{3.0092}$
   Fuente: Ecuación ajustada para el Cuadro de la relación talla-peso presentada por el Dr. P. Arena a la reunión.

El Grupo acordó que a mediados de Julio la Secretaría distribuiría todos los Cuadros como Apéndices a este Informe, para que los científicos tuviesen tiempo de revisarlos antes de la Jornadas de Trabajo en el mes de Septiembre

PROBLEMAS

Durante la reunión se presentaron varios problemas, la mayoría de los cuales fueron resueltos por el Grupo. Sin embargo, quedaron pendientes aquellos que, por su importancia, requieren la atención del SCRS, bien a efectos de información, bien para su resolución. Son los siguientes:

1. Una de las mejoras en las estadísticas presentadas por España en la reunión, fue las estimaciones de la captura española de peces de edad 0 en el Mediterráneo. Estas capturas, sin embargo, se obtuvieron en todo el Mediterráneo y por parte de todas las pesquerías de los diferentes países que operaron durante el último trimestre del año. Por otra parte, se omiten en las estadísticas, por lo que el SCRS debe tener en cuenta que la cifra de capturas no informadas de peces de edad 0 podría ser muy importante.

2. El SCRS debe tambien tener en cuenta que la captura, en números, presentada en estos Cuadros, no puede siempre multiplicarse por el peso medio en la muestra (o muestras) adecuada, para calcular los rendimientos en el Boletín Estadístico de ICCAT, ya que estas dos cifras diferentes proceden de dos fuentes diversas. ICCAT solicita a las oficinas de estadísticas pesqueras de cada país que informen las capturas en peso. Estas cifras de captura, en peso, se presentan en el Boletín Estadístico de ICCAT. Al examinar los informes de captura, en los casos en los cuales el Grupo pudo localizar los registros originales de captura procedentes de otras fuentes en los documentos científicos y en otros, observó que éstos eran totalmente exactos. En varias ocasiones, presentaban la captura en número de peces capturados, en lugar de en peso. En estos casos, el Grupo manifestó su acuerdo sobre que el peso medio en la captura puede representar una cifra de peso muy diferente a la que aparece en el Boletín Estadístico de ICCAT.

3. Las estimaciones de captura en el Adriático son muy incompletas en lo que se refiere a los últimos años y a menudo se confunden con las del Tirreno. Los tamaños de las muestras son también parciales.

El programa de muestreo de capturas del Tirreno, efectuado por el Consejo Nacional de Investigación italiano, terminó en fecha posterior a 1982; por tanto, no habrá muestras de frecuencias de talla del conjunto de la captura italiana a partir de esa fecha. El Grupo recomendó que ICCAT insista cerca del Gobierno italiano para que dé los pasos necesarios a fin de obtener muestras de la capturas y que ICCAT estudie las posibilidad de contratar algun servicio especial, con vistas a mejorar los datos históricos de captura y talla correspondientes al Adriático, y recolectar muestras de frecuencias de talla en el futuro.

4. El Grupo señaló también la falta de datos de talla de muchas de las pesquerías mediterráneas, entre las cuales se encuentran la yugoeslava en el Adriático y la pesquería turca. Se recomendó que el SCRS considerase la posible contratación de algún servicio especial para obtener mejores datos de talla de las mencionadas pesquerías.

5. El SCRS debe estar informado acerca de la gran cantidad de sustituciones que fue necesario hacer para completar el Cuadro de captura por talla. Si bien se observa una mejora gradual en la calidad de los datos de frecuencias, en muchas de las pesquerías no se hace muestreo alguno. Como se puede apreciar en el Apéndice Cuadro A, a menudo fue necesario sustituir muestras de otros años, otras importantes zonas geográficas y otros artes. Aunque se empleó toda la información disponible acerca de las pesquerías de atún rojo y de la biología de esta especie al hacer las sustituciones, su número ha sido necesariamente importante. El SCRS debería estudiar el Apéndice Cuadro A y tener en cuenta la magnitud de las sustituciones al considerar los resultados de los análisis de estos datos.

Addendum 1 al Apéndice 3

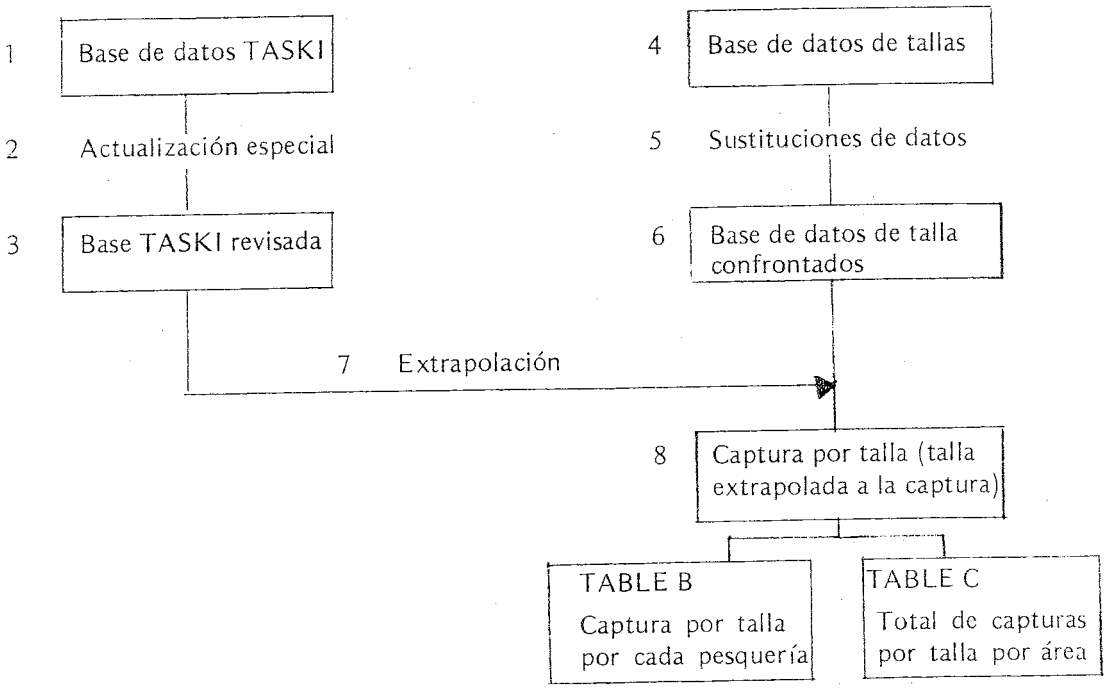
ELABORACION DE LA BASE DE DATOS DE CAPTURA POR TALLA DEL ATUN ROJO

por

P.M. Miyake
V. Nordström

Secretaría de ICCAT

De acuerdo con las decisiones adoptadas en la Reunión de Trapani, la Secretaría de ICCAT se ha encargado de elaborar una base de datos de capturas de atûn rojo, por talla, de 1960 a 1981. A continuación se muestra el esquema de trabajo:



1. Base de datos TASKI

Las capturas están expresadas en toneladas métricas. La base se ha actualizado continuamente. Para este trabajo, se eligió el período 1960-1981, por divisiones Atlántico Este - Oeste (según lo acordado en la reunión SCRS de 1981), y Mar Mediterráneo. Posteriormente, las capturas se identifican por pesquerías (país y arte); esta base coincide con el Boletín Estadístico, Volumen 12 (final).

2. Actualización especial de la base TASKI

i) Actualización de estadísticas nacionales

Mientras se estimaba la captura por talla, los científicos nacionales y la Secretaría encontraron muchos datos nuevos de capturas y/o correcciones a los datos de captura anteriores. Según esto, la base de datos TASKI se ha actualizado de la siguiente forma:

España	1963 NE ATL SURF 1978-80, NE ATL HAND 1950-81 MEDI TRAP 1975, 77-81 MEDI SPOR 1981 MEDI PS
Portugal	AZORES 74-81 BB
Mexico	NW UNCL 78, 80, 81
Rep. Dominicana	NW UNCL 80, 81
Marruecos	NE PS 79, 81 MED PS 79, 81
Japón	EAST, WEST LL 69-72
Noruega	NE PS 81
Argelia	MEDI INCL 80, 81
Yugoslavia	MEDI PS 79, 81
Tunisia	MEDI TRAP 80, 81
Italia	MEDI PSFS 72, 73, 76-78

ii) Actualización provisional de la base TASKI

A menudo, los datos de la misma pesquería se han registrado con códigos de artes diferentes, entre las bases TASKI y SIZE (por ej., RR contra SPOR, etc.). Puesto que el programa de extrapolación de la frecuencia de talla a la captura solo acepta códigos de artes idénticos entre dos grupos de datos, los códigos de artes TASKI o SIZE han sufrido cambios temporales para hacerles coincidir.

En algunas pesquerías, se subdividieron las capturas en la base TASKI, ya que se cree que las composiciones de talla por captura son bastante diferentes (por ej., las capturas italianas con PS en los mares Tirreno, Adriático y de la Liguria; las TRAP de Tunisia en Sidi Daoud y Monastir). Los distintos datos de talla se asocian con las capturas subdivididas.

iii) Sustitución de peso de capturas por número de peces

El grupo de Trapani decidió utilizar "número de peces" en vez de "peso de capturas" en los datos de talla extrapolados, en caso de que el anterior fuese un registro original de las capturas. En estos casos, el número de peces sustituyó las toneladas métricas en la base TASKI.

3 **Base TASKI revisada**

La TABLE A refleja las capturas en toneladas métricas (y en número de peces únicamente cuando fue utilizado este concepto para la extrapolación). Esas son las cifras en la base provisional TASKI utilizadas en este trabajo.

4. **Base de datos SIZE**

Se han utilizado todas las frecuencias de talla de atún rojo, tanto si habían sido extrapoladas anteriormente como si pertenecían a la muestra original.

5. **Sustitución de datos (ver TABLE A)**

La TABLE A refleja la relación establecida entre datos de talla. La tabla indica capturas por pesquería y año, en peso (y en número, si los registros originales de captura están expresados en números); la disponibilidad de los datos de talla correspondientes se indica mediante una "X"; número de peces medidos (tamaño de la muestra) y datos sustituídos en caso de que no existan los oportunos datos de talla.

La información sobre el tamaño de la muestra es incompleta, ya que muchos científicos nacionales facilitaron datos que ya habían sido extrapolados, sin indicar el tamaño de la muestra original.

La correspondencia entre los datos y las sustituciones se realizó por cada pesquería, por año, para tres áreas (Atlántico Este y Oeste, y Mediterráneo). La única excepción es el LL japonés para 1970-81, y algunas capturas de Estados Unidos, para lo cual se estableció la correspondencia por estratos espacio-temporales más afinados (por ej., 6 áreas en el Atlántico y por trimeste). En la Reunión de Trapani se discutieron y aprobaron las sustuticiones, si bien la Secretaría introdujo posteriormente algunos pequeños cambios, que se indican a continuación:

País	*Area*	*Arte*	*Año*	*Acordado en Trapani*	*Sin cambios*
Francia	At. E	BB	1980	Sin sustitución	España BB 80
Polonia	Atl. E	UNCL	1971	Noruega PS 71	Japón LL 71
Argentina	Atl. O	LL	1962	Japón LL 56 57	Japón LL 62
Francia	Med.	PS	1980	Sin sustitución	Francia PS 79 81
Tunisia	Med.	TRAP	1979	Peces grandes std.	Datos reales de talla
Peces peq. stand.	Med.		1960	Ninguno	España Med. TRAP 60
			1961	Ninguno	España Med. TRAP 61
			1962	Ninguno	España Med. TRAP 62
			1963		España Med. TRAP 63
			1964		España Med. TRAP 64
			1974 - 1981	PS* italiano	España Med. TRAP **
Marruecos	Med.	PS	1972 - 1981	una clase para peces edad 0	España Med. Peces de edad 0 (todo los artes)

* Las muestras PS italianas eran solo de peces grandes

** Para 1981, se utilizaron cifras de 1980 1981

6. Datos de talla asociados

7. Extrapolación (Ponderación)

El peso total de peces en cada frecuencia de talla se calculó aplicando el punto medio de cada clase de talla a la relación talla-peso aprobada en la Reunión de Trapani. El peso de las capturas TASKI (o número de peces) se dividió por el peso estimado (o número de peces) para calcular los factores de extrapolación

Se realizó de la siguiente forma:

España*	todos los artes	J.C. Rey
Marruecos*	todos los artes	J.C. Rey
Francia*	BB NE	J.C. Rey
Portugal	todos los artes	J. Pereira
EE.UU.	todos los artes	M. Parrack
Canadá	todos los artes	M. Parrack
Polonia	todos los artes, Atl. O	M. Parrack
Suecia	todos los artes	M. Parrack
Alemania	todos los artes	M. Parrack
Noruega	todos los artes	M. Parrack
Dinamarca	todos los artes	M. Parrack
Francia	Med. PS 70-79, 81	B. Liorzou
Japón*	LL 1970-81	T. Nagai

Todas las demás sustituciones y extrapolaciones fueron realizadas por la Secretaría.

8. Captura por talla

9. TABLE B

La TABLE B incluye las capturas por talla de cada pesquería y año para el Atlántico Oeste y Este, y Mediterráneo. Los intervalos de clase de talla de esta Tabla se mantienen generalmente en la frecuencia de tamaño de la muestra original informada (1 cm, 2 cm, 5 cm, etc). Sin embargo, en los casos en que se añadieron y utilizaron dos muestras compuestas de intervalos de distinta clase, para sustituciones, éstas se dividieron en intervalos de 1 cm. (ver punto 10).

Al final de la TABLE B encontrarán la siguiente información:

TOTAL NO. FISH =	Suma de frecuencias. Las frecuencias podrían ser decimales y redondeadas. La suma de las frecuencias aparentes podría diferir del TOTAL.
TOTAL CATCH (MT) =	Peso total estimado de peces en la frecuencia indicada anteriormente. (= MEAN WEIGHT x TOTAL FISH).
TASKI MT OR NO. FISH =	Peso (TM) o número de peces (Japón) que están en la base TASKI revisada.
NO. FISH (ORIG. REC.) =	Número total de peces en las frecuencias asociadas a la captura. Estas pueden ser frecuencias del tamaño de la muestra correspondiente a la captura, frecuencias de talla de muestras sustituídas o frecuencia de tallas extrapoladas.

* Algunos datos solo se extrapolaron parcialmente, y la Secretaría los volvió a extrapolar a las capturas TASKI.

MT (ORIG. REC.) =	Peso total estimado de peces en las frecuencias de talla asociadas a la captura.
RAISING FACTOR =	Si se extrapola a las MT de captura: TASKI MT/MT (ORIG.REC.). Si se extrapola al número de peces: TASKI NO. FISH/NO. FISH (ORIG.REC.). Cuando el factor de extrapolación = 1.000, es que la Secretaría no ha realizado ninguna extrapolación (muestreados al 100o/o o ya ponderados).
MEAN LENGTH (CM) =	Talla media
MEAN WEIGHT(KG) =	Peso medio

OBSERVACIONES IMPORTANTES

Podrían existir discrepancias importantes entre TOTAL CATCH (MT) (p. ej., el peso total estimado de peces en las frecuencias extrapoladas) y la captura TASKI (TM). Esto se debe a una de las dos razones que se detallan a continuación:

1. A veces, los científicos nacionales tienen las capturas registradas por clases de talla subdivididas (p. ej., clases comerciales), y las frecuencias de talla sólo se extrapolaron una vez en cada subclase antes de añadirlas al total.

   La Secretaría no volvió a modificar las frecuencias (p. ej., France MED PS 1970-79, 81 y Portugal TRAP).

2. De acuerdo con lo señalado en el Informe (texto), cuando las frecuencias de talla se han extrapolado al número total de peces informados en vez de la peso de las capturas TOTAL CATCH(MT) en la TABLE B es distinta a la captura TASKI (en peso) reflejada en la TABLE A (p. ej., Japón LL E. ATL. 1962 TOTAL CATCH (MT) = 6942; TASKI MT = 2484).

10. TABLE C

Todas las capturas por talla y pesquería se han sumado por Atlántico Oeste y Este, y Mediterráneo, por años. Teniendo en cuenta que los intervalos de clase de talla eran diferentes entre pesquerías, se dividieron por partes iguales en intervalos de 1 cm. antes de ser añadidos.

Se adjuntan los cuadros siguientes:

TABLE A -	Capturas de atún rojo, datos de talla y sustituciones de datos de talla acordadas, Atlántico Este y Oeste, y Mediterráneo, 1960-1981.
TABLE B -	Capturas por talla, anuales, de atún rojo, por pesquería, Atlántico Este y Oeste, y Mediterráneo.
TABLE C -	Capturas por talla, anuales, de atún rojo (todas las pesquerías combinadas), Atlántico Este y Oeste, y Mediterráneo, 1960 - 1981.

Las Tablas A — C han sido actualizadas hasta el 15 de Diciembre, 1983, e incluyen las revisiones recomendadas durante la reunión del SCRS de ese mismo año.

REVISED TABLE A*

Bluefin catch, size data and substitutions of size data as agreed upon, by East and West Atlantic and Mediterranean, 1960-1981.

Prises de thon rouge, données de taille et substitution de données de taille selon accord, Atlantique est et ouest et Méditerranée, 1960-1981.

Capturas de atún rojo, datos de talla y sustituciones de datos de talla acordadas, Atlántico Este y Oeste, y Mediterráneo, 1960-1981.

*Table A is valid as of December 15, 1983. It is subject to change in the future.
Le tableau A est établi au 15 décembre 1983, et sujet à modifications ultérieures.
La Tabla A quedó establecida al 15 de Diciembre 1983 y podrá ser modificada en un futuro.

TABLE A (WEST)-1

WEST ATLANTIC SUBSTITUTIONS

YEAR	CATCH (MT)	SAMPLE #	SAMPLE X #	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE LL SEASONALITY				
ARGENTINA LL				
1960				
1961				
1962	106			JPN 56+57+60 TOTAL ATL.
1963	271			" " " " " "
1964	204			" " " " " "
1965	100			JPN 65+66+67+68 WEST.SOUTH OF 10 NORTH
1966	100			" " " " " " " " " "
1967	60			" " " " " " " " " "
1968	21			" " " " " " " " " "
1969				
1970				
1971	2			JPN 70 WEST
1972				
1973	2			JPN 73 WEST
1974				
1975				
1976				
1977				
1978				
1979				
1980				
1981				

YEAR	CATCH (MT)	SAMPLE #	SAMPLE X #	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE SEASONALITY				
BRAZIL-JAPAN LL				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971				
1972				
1973				
1974				
1975				
1976				
1977				
1978	12			JPN 78 WEST
1979	9			" 79 WEST
1980	1			" 80 WEST
1981	3			" 81 WEST

YEAR	CATCH (MT)	SAMPLE #	SAMPLE X #	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE LL SEASONALITY				
BRAZIL LL				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971	116			JPN 71 WEST
1972				
1973				
1974				
1975				
1976				
1977				
1978				
1979				
1980				
1981				

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
CANADA FS					
1960					
1961					
1962					
1963	323		X	161	
1964	579		X	465	
1965	461		X	346	
1966					
1967					
1968					
1969					
1970	1161		X	1969	
1971	935		X	1589	
1972	260		X	794	
1973	639		X	2199	
1974	103		X	1848	
1975	291		X	1412	
1976	332		X	1409	
1977	298		X	732	
1978	241		X	1307	
1979					
1980					
1981	103		X	729	

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
CANADA TRAP*					
1960	32		X	54	
1961	79		X	96	
1962	137		X	36	
1963	229		X	120	
1964	318	496	X	63	
1965	175	286	X	86	
1966	211	306	X	37	
1967	298	614	X	165	
1968	253	356	X	275	
1969	407	680	X	199	
1970	275	458	X	243	
1971	72	208	X	249	
1972	0	104	X	482	
1973	141	508	X	113	
1974	256	865	X	841	
1975	144	452	X	442	
1976	172	480	X	232	
1977	372	959	X	918	
1978	221	530	X	530	
1979	31		X	72	
1980	65		X	248	
1981	41		X	93	

*Includes catches reported as UNCL in Task I (1960-72,80). Also HARP & LLHB included.

YEAR	CATCH (MT)	#	X	SAMPLE #	SUBSTITUTIONS
SEASON: QUARTER 3					
CANADA R&R*					
1960	5	11	X	11	
1961	41	178	X	133	
1962	40	157	X	43	
1963	90	382	X	266	
1964	99	322	X	253	
1965	90	295	X	222	
1966	102	418	X	327	
1967	56	193	X	165	
1968	180	341	X	275	
1969	170	211	X	199	
1970	151	256	X	243	
1971	134	258	X	257	
1972	228	598	X	593	
1973	226	703	X	686	
1974	409	1289	X	958	
1975	206	540	X	500	
1976	342	862	X	812	
1977	302	751	X	652	
1978	208	513	X	498	
1979	214		X	428	
1980	259		X	480	
1981	558		X	641	

*Includes HAND.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE LL SEASONALITY					
CHINA (TAIWAN) LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968	12				JPN 68 WEST
1969	7				" 68 + 70 WEST
1970	2				" 70 WEST
1971	13				" 71 WEST
1972	7				" 72 WEST
1973	2				" 73 WEST
1974	20				" 74 WEST
1975	1				" 75 WEST
1976					
1977	1				JPN 77 WEST
1978	1				" 78 WEST
1979	49				" 79 WEST
1980	15				" 80 WEST
1981	15				" 81 WEST

TABLE A (WEST)-3

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
CUBA LL					
1960					
1961					
1962					
1963					
1964					
1965	139				JPN 64 + 65 TOTAL
1966	465				" 66 WEST
1967	2352				" 66 + 68 WEST
1968	1351				" 68 WEST
1969	468				" 68 + 70 WEST
1970	200				" 70 WEST
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS*
SEASON: QUARTER 2					
GRENADA UNCL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970	100				JPN 70 WEST
1971	100				" 71 WEST
1972	100				" 72 WEST
1973	100				" 73 WEST
1974	51				" 74 WEST
1975	100				" 75 WEST
1976	100				" 76 WEST
1977	71				" 77 WEST
1978	77				" 78 WEST
1979	53				" 79 WEST
1980	18				" 80 WEST
1981	17				" 81 WEST

*In the future only Gulf of Mexico samples should be used.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
DOMINICAN REPUBLIC SURF					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973	100				JPN 73 WEST
1974	117				" 74 WEST
1975	46				" 75 WEST
1976	30				" 76 WEST
1977	16				" 77 WEST
1978	61				" 78 WEST
1979	109				" 79 WEST
1980	121				" 80 WEST
1981	141				" 81 WEST

*In the future only Gulf of Mexico samples should be used.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: ALL 4 QUARTERS*					
JAPAN LL					
1960	339	2820			JPN 64+65 TOTAL
1961	373	2670			" " " "
1962	1219	17777			" " " "
1963	6191	52728			" " " "
1964	12044	60062	X	71	JPN 64 TOTAL
1965	9147	56872	X	2	JPN 64 + 65 TOTAL
1966	2471	21589	X	42	
1967	694	3429			JPN 66 + 68 WEST
1968	272	1422	X	21	
1969	101	710	X	6	JPN 68+69+70 WEST
1970	87	397	X	15	
1971	1532	7125	X	626	
1972	0	1337	X	211	
1973	1097	6288	X	693	
1974	905	11588	X	530	
1975	1513	7877	X	1202	
1976	2902	24276	X	2890	
1977	3658	30575	X	6808	
1978	3144	19754	X	4710	
1979	3621	18546	X	5205	
1980	3936	28143	X	4183	
1981	3771	36074	X	1988	

*For 1960-70: Allocate catch-by-size into 4 quarters in proportion seasonal distribution of Task II catches.

For 1971-81: Use FSFRL basic quarterly tables.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE SEASONALITY					
KOREA LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972	11				JPN 72 WEST
1973	23				" 73 WEST
1974	20				" 74 WEST
1975	8				" 75 WEST
1976	7				" 76 WEST
1977	1				" 77 WEST
1978					
1979	1				JPN 79 WEST
1980					
1981					

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS*
SEASON: QUARTER 2					
MEXICO UNCL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972	23				JPN 72 WEST
1973	29				" 73 WEST
1974	39				" 74 WEST
1975	24				" 75 WEST
1976	37				" 76 WEST
1977	14				" 77 WEST
1978	28				" 78 WEST
1979	22				" 79 WEST
1980	10				" 80 WEST
1981	20				" 81 WEST

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
NORWAY LL*					
1960					
1961					
1962					
1963					
1964	8	31			NORWAY PS 64 EAST
1965	4	15			" " 65 "
1966	10	37			" " 66 "
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					

*In Task I, reported as PS.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: ALL 4 QUARTERS*					
JAPAN LL					
1960**	820	6819			JPN 64+65 TOTAL
1961**	577	4131			" " " "
1962**	3703	54571			" " " "
1963**	7809	66522			" " " "
1964**	12629	62996	X	71	JPN 64 TOTAL
1965**	9551	60003	X	2	JPN 64 + 65 TOTAL
1966**	2521	22996	X	42	
1967	694	3429			JPN 66 + 68 WEST
1968	272	1422	X	21	
1969	101	710	X	6	JPN 68+69+70 WEST
1970	87	397	X	15	
1971	1532	7125	X	626	
1972	0	1337	X	211	
1973	1097	6288	X	693	
1974	905	11588	X	530	
1975	1513	7877	X	1202	
1976	2902	24276	X	2890	
1977	3658	30575	X	6808	
1978	3144	19754	X	4710	
1979	3621	18546	X	5205	
1980	3936	28143	X	4183	
1981	3771	36074	X	1988	

*For 1960-70: Allocate catch-by-size into 4 quarters in proportion to seasonal distribution of Task II catches.

**Catch-by-size data for the east Atlantic were removed and added to west Atlantic.
For 1971-81: Use FSFRL basic quarterly tables.

TABLE A (WEST)-5

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
POLAND UNCL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974	3				US PS NEW ENGLAND LARGE FISH 74
1975					
1976	3				US PS NEW ENGLAND LARGE FISH 76
1977					
1978					
1979					
1980					
1981					

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE LL SEASONALITY					
URUGUAY LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981	1				JPN 81 WEST

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3 FOR 1960-74. QTR.1 FOR 1980-81					
USA LL*					
1960	1		X	151	
1961	0				
1962	26		X	175	
1963	96		X	160	
1964	99		X	14	
1965	79		X	26	
1966	39		X	53	
1967	20		X	6	
1968	9				US TRAP 68
1969	2				US RR 69 N. ENGLAND
1970					
1971	+				
1972					
1973	1				US RR 73 N. ENGLAND
1974	1				" " 74 " "
1975					
1976					
1977					
1978					
1979					
1980	12**		X	35	
1981	83	285	X	278	

*Including TRAWL and GILL.
**In Task I it is UNCL.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
USA TRAP					
1960	204		X	28	
1961	79		X	31	
1962	87		X	50	
1963	74		X	121	
1964	161				US RR 64 N. ENGLAND
1965	166		X	568	
1966	134		X	300	
1967	139		X	298	
1968	25		X	42	
1969	38		X	1	US RR 69 N. ENGLAND
1970	53		X	209	
1971	47		X	271	
1972	29		X	155	
1973	13		X	48	
1974	20		X	49	
1975					
1976					
1977					
1978					
1979					
1980					
1981					

TABLE A (WEST)-6

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
USA MISC*					
1960					
1961	+		X	16	
1962					
1963	+		X	20	
1964					
1965	3		X	4	
1966	1		X	2	
1967	4		X	2	
1968	2		X	3	
1969	2		X	1	
1970	11		X	8	
1971	16		X	7	
1972	3		X	7	
1973	+		X	7	
1974					
1975					
1976	82	257	X	297	
1977	23	56			US HAND 77
1978	15	14			" " 78
1979	31	102	X	68	
1980					
1981	4	12	X	3	

*Includes UNCL, TRAW, GILL catches.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
USA PS					
1960	277		X	6	
1961	903		X	225	
1962	3768		X	3266	
1963	5447		X	5618	
1964	4571		X	825	
1965	2870		X	1019	
1966	1006		X	3801	
1967	2082		X	1226	
1968	687		X	977	
1969	1118		X	826	
1970	3127		X	7901	
1971	2834		X	3107	
1972	1751		X	1162	
1973	1021		X	1406	
1974*	857(804)	167	X	3185	
1975	2029		X	5551	
1976	1234		X	2007	
1977*	1225(1058)	556	X	4563	
1978*	990(912)	326	X	2114	
1979	1425		X	1298	
1980*	753(631)	651	X		
1981	902	1572	X		

*Big fish are in number; small fish are in weight (shown in parentheses).

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
USA RR					
1960	24	1145	X	683	US RR+HAND** 60+70+71 (MID-ATL.)
1961	60	2859	X	26	" " " " " " "
1962	340	16318	X	50	" " " " " " "
1963	1072	44799	X	86	" " " " " " "
1964	502	12266	X	86	" " " " " " "
1965	968	21953	X	32	" " " " " " "
1966	3615	79300	X	37	" " " " " " "
1967	287	6046	X	82	" " " " " " "
1968	439	9236	X	50	" " " " " " "
1969	838	19513	X	118	" " " " " " "
1970	436	9792	X	750	
1971	961	21320	X	537	
1972	896	19288	X	272	US PSFS 72**
1973	280	5488	X	271	" " 73**
1974	465	45000	X	443	
1975***	816	19201	X	2636	
1976	248	3651	X	974	
1977	328	5669	X	2660	
1978	295	5984	X	1865	
1979	285	8021	X	2660	
1980	257(147)	6953	X	2068	
1981	244	5974	X	1420	

*N.England fishing was by weight.
**Only Mid-Atlantic states catches substituted.
***Includes Task I UNCL catch (HAND+HARP+RR+PSFB).

TABLE A (WEST)-7

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
USA HAND					
1960	31				US RR + HAND 60+70+71 MID-ATL.*
1961	7				
1962	32		X	141	
1963	23		X	18	
1964	7				
1965	4				
1966	5				
1967	18				
1968	16				
1969	30				
1970	57		X	4	
1971	95		X	92	
1972	270		X	321**	US PSFS 72*
1973	297		X	62	US PSFS 73*
1974	42		X	52	
1975					
1976	162	515	X	1767	
1977	244	745	X	1199	
1978	420	1222	X	567	
1979	457	1369	X	1044	
1980	378		X	1602	
1981	285	796	X	796	

*Only for Mid-Atlantic states catches substituted.
**HAND + HARP sample.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
USA HARP					
1960	119				US RR N. ENNGLAND 60
1961	78		X	59	
1962	44		X	23	
1963	22		X	15	
1964	24		X	14	
1965	55		X	45	
1966	46		X	20	
1967	53		X	44	
1968	61		X	6	
1969	30		X	35	
1970	72		X	11	
1971	166		X	86	
1972	160		X	321*	
1973	86		X	88	
1974	214		X	368	
1975					
1976	189	586			US PSFB 76
1977	157	489	X	1040	
1978	150	471	X	368	
1979	143	442	X	346	
1980	108	306	X	306	
1981	109	305	X	305	

*HAND + HARP sample.

TABLE A (EAST)-1

EAST ATLANTIC SUBSTITUTIONS

YEAR	CATCH (MT)	SAMPLE #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE LL SEASONALITY					
CHINA (TAIWAN) LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968	138				JPN LL 68 EAST
1969	114				" " 68+70 EAST
1970	46				" " 70 EAST
1971	12				" " 71 "
1972	2				" " 72 "
1973	1				" " 73 "
1974	12				" " 74 "
1975	5				" " 75 "
1976	3				" " 76 "
1977	2				" " 77 "
1978					
1979	3				JPN LL 79 EAST
1980	5				" " 80 "
1981	55				" " 81 "

YEAR	CATCH (MT)	SAMPLE #	SAMPLE** X	SAMPLE** #	SUBSTITUTIONS
SEASON: QUARTER 3					
FRANCE BB					
1960	553				FRANCE BB 66
1961	907				" " "
1962	965				" " "
1963	543				" " "
1964	400				" " "
1965	621				
1966	1624		X		
1967	860		X		
1968	390		X		
1969	534		X		
1970	732		X		
1971	680		X		
1972	740		X		
1973	551*		X		
1974	522		X		
1975	692		X		
1976	267		X		
1977	592		X		
1978	723		X		
1979	275		X		
1980	260				
1981	153		X		

YEAR	CATCH (MT)	SAMPLE #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: QUARTER 3					
DENMARK UNCL					
1960	47				GERMANY HAND LINE 60
1961	192				" " " 61
1962	202		X	29	
1963	4				DENMARK 62 + 64
1964	61		X	111	
1965	30		X	53	
1966	2	3			DENMARK 65
1967	15	38	X	38	
1968	8	26	X	26	
1969	1	17	X	17	
1970	0	1	X	1	
1971	1	9	X	9	
1972	0	10	X	10	
1973	2	8	X	8	
1974	1	1	X	1	
1975	0	7	X	7	
1976	3	16	X	16	
1977	1	6	X	6	
1978	3	9			NORWAY PS
1979	1	9			" "
1980					
1981					

YEAR	CATCH (MT)	SAMPLE #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: QUARTER 3					
GERMANY HAND					
1960	434		X	1436	
1961	331		X	892	
1962	212		X	721	
1963	0	1	X	1	
1964	0	1	X	1	
1965					
1966					
1967					
1968					
1969					
1970	0	3	X	3	
1971	0	6	X	6	
1972					
1973					
1974					
1975					
1976					
1977					
1978	1	2	X	2	
1979	1	3	X	3	
1980					
1981	2	3	X	3	

*Includes TASK I troll catch.

**Sample size not reported.

TABLE A (EAST)-2

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: ALL 4 QUARTERS					
JAPAN LL					
1960**					
1961**					
1962**					
1963**					
1964**					
1965**					
1966**					
1967	100	530			JPN LL 66 EAST + MEDI + 68 EAST
1968	13	64	X	4	
1969	17	12			JPN LL 68 + 70 EAST
1970		127	X	68	
1971		813	X	567	
1972	562	818	X	194	
1973	44	295	X	2	
1974	2195	20214	X	49	
1975	2900	24402	X	3354	
1976	1973	10944	X	1735	
1977	1594	9543	X	1940	
1978	577	3378	X	57	
1979	630	5839	X	897	
1980	880	3948	X	967	
1981	515	3281	X	908	

YEAR	CATCH (MT)	#	X	#	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE LL SEASONALITY					
KOREA LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972	19				JPN LL 72
1973	43				" " 73
1974	36				" " 74
1975	15				" " 75
1976	3				" " 76
1977	2				" " 77
1978					
1979	1				JPN LL 79
1980					
1981					

*For 1960-70: Allocate catch-by-size into 4 quarters in proportion to seasonal distribution of Task II catches. For 1971-81: Use FSFRL basic quarterly tables.

**The catch-by-size data for the east Atlantic were removed from the east and added to western data.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
MOROCCO PS					
1960	2286				MOROCCO PS 62
1961	2994				" " "
1962	1628		X	246	
1963	1419				MOROCCO PS 62
1964	2059				" " "
1965	906				" " "
1966	1778				" " "
1967	2048				" " "
1968	453				" " "
1969	678				" " "
1970	406				MOROCCO PS 72 + 73
1971	30				" " " "
1972	531		X	160	
1973	512		X	246	
1974	590				MOROCCO PS 72 + 73
1975	2624				" " " "
1976	331				" " " "
1977	662				" " " "
1978	36				" " " "
1979	206				" " " "
1980	155				" " " "
1981	105				" " " "

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
MOROCCO TRAP					
1960	3714				SPAIN ATL. TRAP 59 + 6
1961	1377				" " " 61
1962	3648				" " " 62
1963	2318				" " " 63
1964	2256				" " " 64
1965	1882				" " " 65
1966	1601				" " " 66
1967	1331				" " " 67
1968	635				" " " 68
1969	59				" " " 69
1970	286				" " " 70
1971	63				" " " 70 + 7
1972	122				" " " 72
1973	1				" " " 73
1974	7				" " " 73 + 7
1975					
1976					
1977	222				SPAIN ATL. TRAP 77
1978					
1979					
1980					
1981					

NOTE: 1-year-old fish.

TABLE A (EAST)-3

YEAR	CATCH (MT)	#	SAMPLE* X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
NORWAY PS					
1960	3936	20423	X		
1961	7968	36119	X		
1962	8153	34299	X		
1963	156	577	X		
1964	1390	5442	X		
1965	2472	9371	X		
1966	959	3517	X		
1967	1974	7017	X		
1968	696	2366	X		
1969	757	2626	X		
1970	263	863	X		
1971	568	1804	X		
1972**	430	1371	X		
1973**	420	1290	X		
1974	864	2602	X		
1975	988	2914	X		
1976	529	1654	X		
1977	764	2284	X		
1978	221	719	X		
1979	60	166	X		
1980	286	895	X		
1981	161	485	X		

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
NORWAY LL EAST					
1960					
1961	19				NORWAY PS 61
1962					
1963					
1964	63	250			NORWAY PS 64
1965	30	117			NORWAY PS 65
1966	31	114			" " 66
1967	41	146			" " 67
1968	57	195			" " 68
1969	85	726			" " 69
1970	207	679			" " 70
1971	85	10			" " 71
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					

*Raised frequency available from Norwegian government, but original sample size unknown.
**Including catches in tropical east Atlantic.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE LL SEASONALITY					
PANAMA LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973	3				JPN LL 73
1974					
1975					
1976	69				JPN LL 76
1977	208				" " 77
1978	156				" " 78
1979	14				" " 79
1980	117				" " 80
1981	48				" " 81

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
POLAND UNCL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971	100				NORWAY PS 71
1972	100				" " 72
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					

TABLE A (EAST)-4

YEAR	CATCH** (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 2*					
PORTUGAL TRAP					
1960	1016				SPAIN ATL. 59 + 61
1961	1499				" " 61
1962	666				" " 61 + 63
1963	354				" " 63
1964	303				" " 64
1965	90				" " 65
1966	122				" " 66
1967	209				" " 67
1968	55				" " 68
1969	261				" " 69
1970	(23)				" " 70
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					

*In the future follow Spanish trap sesonality.

**Catches are reported by commercial size categories to which size data are applied.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3*					
PORTUGAL AZORES BB					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974	191		X	194	
1975	303		X	203	
1976	7		X	5	
1977	4		X	4	
1978	13		X	58	SMALL FISH: AZORES 80 SMALL FISH
1979	8				AZORES 78
1980	17		X	45	
1981	16		X	21	LARGE FISH: AZORES 80

*In the future probably split by quarters.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: QUARTER 3*					
PORTUGAL MADEIRA HAND					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976	17				PORTUGAL MADEIRA 79
1977	10				" " "
1978	43				" " "
1979	27		X	40	
1980	7		X	10	
1981	1		X	1	

*In the future probably split by quarters.

YEAR	CATCH (MT)	#	SAMPLE X	#	SUBSTITUTIONS
SEASON: FOLLOW JAPANESE SEASONALITY					
SOUTH AFRICA PS					
1960					
1961					
1962					
1963					
1964	9				JPN LL 56+57+60 TOTAL
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					

YEAR	CATCH (MT)	SAMPLE* #	X #	SUBSTITUTIONS
SEASON: QUARTER 3				
SPAIN BB NE				
1960	645			SPAIN BB 66
1961	546			" " "
1962	572			" " "
1963	635			" " "
1964	676			" " "
1965	1002			" " "
1966	1501		X 8614	
1967	698		X 7789	
1968	813		X 5819	
1969	996		X 4180	
1970	1473		X 3530	
1971	1511		X 5473	
1972	2143		X 3348	
1973	1696		X 1863	
1974	1089		X 6112	
1975	1018		X 3185	
1976	680		X 2054	
1977	1025		X 4252	
1978	1577		X 5145	
1979	1085		X 2610	
1980	1200		X 2878	
1981	860		X 1783	

*Sample size not reported.

YEAR	CATCH (MT)	SAMPLE #	X #	SUBSTITUTIONS
SEASON: QUARTER 2*				
✓SPAIN ATL. TRAP				
1960	5700			SPAIN ATL TRAP 59+61
1961	4700		X 440	
1962	4700		X	
1963	1800		X 380	
1964	2500		X 375	
1965	3200		X 379	
1966	1400		X 1174	
1967	3000		X 1281	
1968	1100		X 1029	
1969	1900		X 1115	
1970	1500		X 1355	
1971	600		X 469	SPAIN ATL. TRAP 70 +72
1972	250		X 167	
1973	504		X 161	
1974	13			SPAIN ATL. TRAP 73 + 75
1975	448		X 289	
1976	490		X 152	
1977	339		X 169	
1978	450		X 207	
1979	600		X 277	
1980	700		X 437	
1981	787		X 388	

*In the future to be split between Quarters 2 & 3.

YEAR	CATCH (MT)	SAMPLE #	X #	SUBSTITUTIONS
SEASON: QUARTER 2				
SPAIN BB CANARY ISLANDS				
1960				
1961				
1962				
1963				
1964				
1965	197			NORWAY UNCL 65
1966	222			" " 66
1967	247			" " 67
1968	271			" " 68
1969	296			" " 69
1970	650			" " 70
1971	800			" " 71
1972	930			" " 72
1973	906			" " 73
1974	546			" " 74
1975	978		X 421	
1976	832		X 89	
1977	1250		X 184	
1978	1548		X 148	
1979	758		X 128	
1980	397		X 148	
1981	524		X 97	

YEAR	CATCH (MT)	SAMPLE* #	X #	SUBSTITUTIONS
SEASON: QUARTER 3				
SPAIN HAND				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971				
1972				
1973				
1974				
1975				
1976				
1977	300			SPAIN HAND 78
1978	450		X 1484	
1979	998		X 1759	
1980	38		X 112	
1981	70		X 452	

*Sample size not reported.

TABLE A (EAST)-6

YEAR	CATCH (MT)	SAMPLE* #	X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
SPAIN LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975	3		X	17	
1976					
1977					
1978					
1979	100		X	60	
1980					
1981	6		X	33	

*Sample size not reported.

YEAR	CATCH (MT)	SAMPLE* #	X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
SPAIN SURF					
1960					
1961					
1962					
1963	173		X	110	
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					

*Sample size not reported.

YEAR	CATCH (MT)	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
SWEDEN UNCL					
1960	42	143			GERMANY HAND 60
1961	13	43			" " 61
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970	4	13			DENMARK 69 + 71
1971	3	10			" 71
1972					
1973					
1974					
1975	2	6			DENMARK 75
1976	8	22			" 76
1977	2	6			DENMARK + SWEDEN KATTEGAT 77
1978	2	6			NORWAY PS 78
1979					
1980					
1981	1	3			NORWAY PS 81

TABLE A (MEDI STD)

MEDITERRANEAN LARGE FISH
STANDARD SIZE FREQUENCY

YEAR	SUBSTITUTION
1960	SPAIN ATLANTIC TRAP 61
1961	" " " 61
1962	" " " 61
1963	" " " 63
1964	" " " 64
1965	ITALY TRAP 65
1966	" " 66
1967	" " 67
1968	" " 68
1969	" " 69
1970	" " 70
1971	" " 71
1972	ITALY TRAP 71 + PS 75 (TYRRHENIAN)
1973	" " " " " "
1974	" " " " " "
1975	ITALY PS 75
1976	" " 75 + 77
1977	" " 77
1978	" " 78
1979	" " 79
1980	" " 80
1981	" " 81

MEDITERRANEAN SMALL FISH STANDARD SIZE FREQUENCY*

YEAR	SUBSTITUTION
1960	SPAIN MEDITERRANEAN TRAP 60
1961	" " " 61
1962	" " " 62
1963	" " " 63
1964	" " " 64
1965	" " " 65
1966	" " " 66
1967	" " " 67
1968	" " " 68
1969	" " " 69
1970	" " " 70
1971	" " " 71
1972	" " " 72
1973	" " " 73
1974	" " " 73
1975	" " " 73
1976	" " " 73
1977	" " " 73
1978	" " " 73
1979	" " " 82**
1980	" " " 82**
1981	" " " 82**

*Only fish less than 135 cm. included.
**Class 0 Spain 81 Mediterranean trap added to Spain 82 Mediterranean trap.

TABLE A (MEDI)-1

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
ALGERIA UNCL*					
1960					
1961					
1962					
1963					
1964					
1965					
1966	150				MEDI LARGE FISH STD.
1967	150				" " " "
1968	150				" " " "
1969	150				" " " "
1970	100				" " " "
1971	100				" " " "
1972	1				" " " "
1973					
1974	33				MEDI LARGE FISH STD.
1975	66				" " " "
1976	49				" " " "
1977	40				" " " "
1978	20				" " " "
1979	150				" " " "
1980	150				" " " "
1981	150				" " " "

*No information, gear assumed to be trap.

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
CHINA (TAIWAN) LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975	25				JPN MEDI 75
1976					
1977					
1978					
1979					
1980					
1981					

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
FRANCE GILL* (+PS)					
1960	400				FRANCE PS 68
1961	599				" " "
1962	214				" " "
1963	668				" " "
1964	953				" " "
1965	390				" " "
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					

Class 0-4 (+5).

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
FRANCE PS					
1960					
1961					
1962					
1963					
1964					
1965					
1966	1000				FRANCE PS 68
1967	1500				" " "
1968	2500		X	282	
1969	1500		X	903	
1970	1100		X		
1971	2200		X		
1972	1100		X		
1973	1400		X		
1974	1800		X		
1975	1600		X		
1976	3800		X		
1977	3182		X		
1978	1566		X		
1979	1527		X		
1980	1701				FRANCE PS 79 + 81
1981	2300		X		

*1970-81 samples - age converted to length only.

TABLE A (MEDI)-2

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
GREECE UNCL					
1960	900				MEDI LARGE FISH STD.
1961	1100				" " " "
1962	1000				" " " "
1963	1200				" " " "
1964	600				" " " "
1965	700				" " " "
1966	500				" " " "
1967	600				TURKEY UNCL 67
1968	500				" " 68
1969	500				MEDI LARGE FISH STD.
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981*	516				MEDI LARGE FISH STD.

*Catch in 1981 is known to have been made by PS.

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
ITALY PS ADRIATIC (SMALL FISH)					
1960	47				MEDI SMALL FISH STD.
1961	105				" " " "
1962	161				" " " "
1963	267				" " " "
1964	94				" " " "
1965	146				" " " "
1966	220				" " " "
1967	296				" " " "
1968	325				" " " "
1969	1099				" " " "
1970	0				
1971	496	X			
1972	95	X			
1973	117	X			
1974					
1975					
1976	597	X			
1977	47	X			
1978	125	X			
1979	400				ITAL. ADRIATIC PS 78
1980	400*				" " " "
1981	400*				" " " "

*Catch from 1979 used.

NOTE: Total Italian PS catch up to 1971 is assumed from the Adriatic Sea.

1972 to present: Adriatic = Total - (Tyrrhenian+Ligurian).

Large fish come from south Adriatic Sea, small fish from north Adriatic.

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
ITALY PS ADRIATIC (LARGE FISH)					
1960	69				MEDI LARGE FISH STD.
1961	244				" " " "
1962	171				" " " "
1963	989				" " " "
1964	896				" " " "
1965	155				" " " "
1966	410				" " " "
1967	792				" " " "
1968	366				" " " "
1969	729				" " " "
1970	1203				" " " "
1971	840				" " " "
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
ITALY TRAP					
1960	1229				MEDI LARGE FISH STD.
1961	1423				" " " "
1962	1280				" " " "
1963	1227				" " " "
1964	1652				
1965	1264	X	232		
1966	945	X	152		
1967	1949	X	558		
1968	1739	X	1258		
1969	1324	X	1156		
1970	961	X	172		
1971	1044	X	229		
1972	835				MEDI LARGE FISH STD.
1973	367				" " " "
1974	739				" " " "
1975	713				" " " "
1976	650				" " " "
1977	698				" " " "
1978	210				" " " "
1979	195				" " " "
1980	152				" " " "
1981	209				" " " "

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
ITALY PS TYRRHENIAN					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972	1020				ITAL. TRAP 71 + PS 75 (TYRR.)
1973	1225				" " " " " " "
1974	3120				" " " " " " "
1975	4170	X	573		
1976	4120				ITAL. PS 75 + 77
1977	4179	X	1256		
1978	2100	X	642		
1979	2855	X	179		
1980	3361	X	780		
1981	1712	X	1894		

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 3					
ITALY PS LIGURIAN					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972	1668				FRANCE PS 72
1973	1358				" " 73
1974	2880				" " 74
1975	2100				" " 75
1976	4890				" " 76
1977	1205				" " 77
1978	2438				" " 78
1979	450				" " 79
1980	1759				" " 79+81
1981	2992				" " 81

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
ITALY HARP					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976	12				MEDI LARGE FISH STD.
1977	34				" " " "
1978	22				" " " "
1979					
1980					
1981	56				MEDI LARGE FISH STD.

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
ITALY HAND (LARGE FISH)					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970	56				MEDI LARGE FISH STD.
1971	56				" " " "
1972	56				" " " "
1973	56				" " " "
1974	56				" " " "
1975	56				" " " "
1976	56				" " " "
1977	56				" " " "
1978	49				" " " "
1979	67				" " " "
1980					
1981	27				MEDI LARGE FISH STD

NOTE: 56% of HAND catch was assumed to be large fish.

TABLE A (MEDI)-4

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
ITALY HAND (SMALL FISH)					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970	44				MEDI SMALL FISH STD.
1971	44				" " " "
1972	44				" " " "
1973	44				" " " "
1974	44				" " " "
1975	44				" " " "
1976	44				" " " "
1977	44				" " " "
1978	39				" " " "
1979	53				" " " "
1980					
1981	21				MEDI SMALL FISH STD.

NOTE: 44% of HAND catch was assumed to be small fish.

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: FSFRL BASIC SEASONAL TABLE					
JAPAN LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972	112	697			JPN 75
1973	246	1175			JPN 75
1974	2195	12894	X	1	JPN 75
1975	1260	7620	X	228	
1976	968	5047	X	262	
1977	520	3052	X	328	
1978	61	358	X	5	
1979	99	896	X	12	
1980	119	662	X	313	
1981	100	503	X	364	

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
LIBYA UNCL					
1960	1100				MEDI LARGE FISH STD.
1961	1000				" " " "
1962	800				" " " "
1963	100				" " " "
1964	400		X		
1965	600				MEDI LARGE FISH STD.
1966	700				" " " "
1967	800				" " " "
1968	1000				" " " "
1969	2000				" " " "
1970	500				" " " "
1971	600				" " " "
1972	300				" " " "
1973	400				" " " "
1974	500				" " " "
1975	634				" " " "
1976	799				" " " "
1977	336				" " " "
1978	677				" " " "
1979	424				" " " "
1980	398				" " " "
1981	271				" " " "

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
MALTA UNCL (JIG)					
1960	100				MEDI SMALL FISH STD.
1961	100				" " " "
1962	100				" " " "
1963	100				" " " "
1964	100				" " " "
1965	100				" " " "
1966	100				" " " "
1967	100				" " " "
1968	100				" " " "
1969					
1970					
1971					
1972					
1973					
1974	21				MEDI SMALL FISH STD.
1975	37				" " " "
1976	25				" " " "
1977	47				" " " "
1978	26				" " " "
1979	23				" " " "
1980	24				" " " "
1981	32				" " " "

YEAR	CATCH MT	CATCH #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: QUARTER 3					
MOROCCO PS					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971		42			SPAIN MEDI AGE CLASS 0 ALL GEARS 71
1972		1			" " " " " " " 72
1973					
1974		2			SPAIN MEDI AGE CLASS 0 ALL GEARS 74
1975		40			" " " " " " " 74
1976		1			" " " " " " " 77
1977		7			" " " " " " " 77
1978					
1979		2			SPAIN MEDI AGE CLASS 0 ALL GEARS 79
1980					
1981		2			SPAIN MEDI AGE CLASS 0 ALL GEARS 81

YEAR	CATCH MT	CATCH #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: QUARTER 2					
MOROCCO TRAP					
1960					
1961					
1962					
1963					
1964					
1965		172			SPAIN CEUTA TRAP 65
1966		11			" " " " 66
1967		27			" " " " 67
1968		5			" " " " 68
1969					
1970					
1971		37			SPAIN CEUTA TRAP 71
1972		36			" " " " 72
1973		1			" " " " 73
1974		7			" " " " 74
1975					
1976					
1977					
1978					
1979					
1980					
1981					

YEAR	CATCH MT	CATCH #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: QUARTER 2					
PANAMA LL					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977		4			JPN MEDI 77
1978					
1979					
1980					
1981					

YEAR	CATCH MT	CATCH #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: QUARTER 4					
SPAIN BB					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981		100	X	318	

YEAR	MT	CATCH #	SAMPLE* X	SAMPLE* #	SUBSTITUTIONS
SEASON: QUARTER 2					
SPAIN TRAP					
1960	561		X	30	
1961	620		X	244	
1962	377		X	210	
1963	472		X	248	
1964	653		X	206	
1965	1235		X	208	
1966	151		X	57	
1967	104		X	120	
1968	4		X	306	
1969	217		X	240	
1970	280		X	215	
1971	53		X	310	
1972	88		X	60	
1973	146		X	270	
1974	11				SPAIN MEDI TRAP 73
1975	3				" " " "
1976	3				" " " "
1977	2				" " " "
1978	1				" " " "
1979					
1980					
1981	3				SPAIN MEDI TRAP 73

*Sample size not reported.

YEAR	MT	CATCH #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: QUARTER 3					
SPAIN SPORT*					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975	14		X	30	
1976					
1977	88		X	114	
1978	72		X	120	
1979	15		X	290	
[illegible]	33		X	434	
			Y	10	

YEAR	MT	CATCH #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: QUARTER 3					
SPAIN PS					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981	50				FRANCE PS 81

YEAR	MT	CATCH #	SAMPLE X	SAMPLE #	SUBSTITUTIONS
SEASON: 1963-75 QTR.2; 1976-81 QTR.3					
SPAIN LL					
1960					
1961					
1962					
1963	800				SPAIN MEDI TRAP 63
1964	300				" " " 64
1965	400				" " " 65
1966	500				" " " 66
1967	300				" " " 67
1968	600				" " " 68
1969	400				" " " 69
1970	69				" " " 70
1971	129				" " " 71
1972	124				" " " 72
1973	274				" " " 73
1974	192				SPAIN MEDI TRAP 73
1975	103				" " " 73
1976	250		X	41	
1977	68		X	90	
1978	92		X	70	
1979	100		X	130	
1980	100		X	86	
1981	200		X	60	

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
TUNISIA TRAP SIDI DAOUD					
1960					
1961					
1962	371				MEDI LARGE FISH STD.
1963	233				" " " "
1964	356				" " " "
1965	564				" " " "
1966	200				" " " "
1967	226				" " " "
1968	79				" " " "
1969	64				" " " "
1970	207				" " " "
1971	134				" " " "
1972	33				" " " "
1973	18				" " " "
1974	45				" " " "
1975	60				" " " "
1976	30				" " " "
1977	60				" " " "
1978	60				" " " "
1979	65		X	546	
1980	60				MEDI LARGE FISH STD.
1981	49				" " " "

NOTE: Deep trap catches, large fish only.

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: 1967-68 QTR.1; REST QTR.2					
TURKEY UNCL					
1960	300				MEDI LARGE FISH STD.
1961	300				" " " "
1962	200				" " " "
1963	100				" " " "
1964					
1965	100				MEDI LARGE FISH STD.
1966	100				" " " "
1967	1488		X	210	
1968	310		X	231	
1969	393				MEDI LARGE FISH STD.
1970	138				" " " "
1971	22				" " " "
1972	68				" " " "
1973	66				" " " "
1974	34				" " " "
1975	17				" " " "
1976	181		X	60	
1977	177				MEDI LARGE FISH STD.
1978	127				" " " "
1979	27				" " " "
1980	397				" " " "
1981	565				" " " "

NOTE: Sample shows large fish in spring time, small + large fish in early summer.

Tagging, hooks left on body, etc. showed common stock with Tyrrhenian Sea.

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
TUNISIA TRAP MONASTIR					
1960					
1961					
1962	33				MEDI SMALL FISH STD.
1963	27				" " " "
1964	20				" " " "
1965	37				" " " "
1966	93				" " " "
1967	81				" " " "
1968	105				" " " "
1969	13				" " " "
1970	41				" " " "
1971	104				" " " "
1972	31				" " " "
1973	34				" " " "
1974	78				" " " "
1975	41				" " " "
1976	35				" " " "
1977	60				" " " "
1978	60				" " " "
1979	66				" " " "
1980	60				" " " "
1981	49				" " " "

YEAR	CATCH MT	SAMPLE #	X	#	SUBSTITUTIONS
SEASON: QUARTER 2					
YUGOSLAVIA PS*					
1960	109				MEDI SMALL FISH STD.
1961	123				" " " "
1962	87				" " " "
1963	277				" " " "
1964	271				" " " "
1965	134				" " " "
1966	246				" " " "
1967	331				" " " "
1968	150				" " " "
1969	301				" " " "
1970	90				" " " "
1971	326				ITAL. ADRIATIC PS 71
1972	200				" " " 72
1973	224				" " " 73
1974	317				" " " 73 + 76
1975	155				" " " 73 + 76
1976	562				" " " 76
1977	932				" " " 77
1978	1049				" " " 78
1979	745				" " " 78
1980	549				" " " 78
1981	374				" " " 78

*Catches from north Adriatic only.

REVISED TABLE B*

Annual bluefin catch-by-size by fishery and by East and West Atlantic and Mediterranean, 1960-1981.

Prises par taille annuelles de thon rouge par pecherie, Atlantique est et ouest et Méditerranée, 1960-81.

Capturas por talla, anuales, de atún rojo, por pesquería, Atlántico Este y Oeste, y Mediterráneo.

*Table B is valid as of December 15, 1983. It is subject to change in the future.
Le tableau B est établi au 15 décembre 1983, et sujet à modifications ultérieures.
La Tabla B quedó establecida al 15 de Diciembre 1983 y podrá ser modificada en un futuro.

AREA WEST
COUNTRY CANADA
GEAR PS

YEAR	63	64	65	70	71	72	73	74	75	76	77
QUARTER	3	3	3	3	3	3	3	3	3	3	3
40.0- 40.9	0	0	0	35	0	0	0	0	0	0	0
41.0- 41.9	0	0	0	35	0	0	0	0	0	0	0
44.0- 44.9	0	0	0	35	0	0	0	0	0	0	4
45.0- 45.9	0	0	0	35	0	0	0	0	0	0	4
46.0- 46.9	0	0	0	211	41	0	0	0	0	0	4
47.0- 47.9	0	0	0	211	41	0	0	0	0	0	0
48.0- 48.9	0	0	0	949	207	0	0	36	0	0	0
49.0- 49.9	0	0	0	949	207	0	0	36	0	0	0
50.0- 50.9	0	0	0	4747	2150	0	0	381	13	19	0
51.0- 51.9	0	0	0	4747	2150	0	24	381	13	19	0
52.0- 52.9	0	23	34	9810	7030	0	72	1231	138	84	0
53.0- 53.9	0	23	34	9810	7030	0	48	1231	138	84	0
54.0- 54.9	0	0	206	7525	7030	46	144	732	541	347	0
55.0- 55.9	0	0	206	7525	7030	46	216	732	541	347	0
56.0- 56.9	0	0	343	3059	2895	168	383	96	1082	497	0
57.0- 57.9	0	0	343	3059	2895	168	264	96	1082	497	0
58.0- 58.9	0	0	308	598	538	230	240	10	642	225	4
59.0- 59.9	0	0	308	598	538	230	96	10	642	225	4
60.0- 60.9	0	0	274	141	83	276	168	7	88	28	13
61.0- 61.9	0	23	274	141	83	276	48	7	88	28	9
62.0- 62.9	0	23	34	141	124	61	24	0	25	0	22
63.0- 63.9	0	45	34	141	124	61	48	0	25	0	13
64.0- 64.9	0	45	0	141	248	46	24	0	13	9	26
65.0- 65.9	0	23	0	141	248	46	48	0	13	9	13
66.0- 66.9	0	23	34	211	992	0	120	3	50	0	17
67.0- 67.9	0	91	34	211	992	0	168	3	50	0	4
68.0- 68.9	0	91	0	809	2647	15	120	7	164	0	4
69.0- 69.9	0	272	0	809	2647	15	168	7	164	0	0
70.0- 70.9	0	272	0	2180	7030	46	192	96	830	38	0
71.0- 71.9	0	430	0	2180	7030	46	791	96	830	38	0
72.0- 72.9	0	430	103	4782	11662	168	1222	245	3699	75	22
73.0- 73.9	0	634	103	4782	11662	168	1654	245	3699	75	22
74.0- 74.9	46	793	377	6189	9842	858	2924	662	4982	460	69
75.0- 75.9	46	159	377	6189	9842	858	3691	662	4982	460	48
76.0- 76.9	137	68	1336	3938	6038	2604	4362	450	3221	1370	134
77.0- 77.9	137	68	1336	3938	6038	2604	4649	450	3221	1370	86
78.0- 78.9	46	0	1987	2321	2192	3247	4793	195	1082	1492	259
79.0- 79.9	46	0	1987	2321	2192	3247	3954	195	1082	1492	173
80.0- 80.9	91	23	2022	1512	744	1700	2612	70	365	723	307
81.0- 81.9	91	23	2022	1512	744	1700	935	70	365	723	134
82.0- 82.9	46	0	583	1301	207	260	623	46	126	244	264
83.0- 83.9	46	0	583	1301	207	260	383	46	126	244	130
84.0- 84.9	0	136	308	985	0	46	240	46	63	169	199
85.0- 85.9	0	136	308	985	0	46	48	46	63	169	69
86.0- 86.9	0	23	34	457	41	15	72	136	0	56	121
87.0- 87.9	0	23	34	457	41	15	72	136	0	56	52
88.0- 88.9	0	227	34	527	0	15	24	311	0	131	86
89.0- 89.9	0	227	34	527	0	15	48	311	0	131	35
90.0- 90.9	91	498	34	457	83	0	24	414	0	253	43
91.0- 91.9	91	498	34	457	83	0	48	414	0	253	9
92.0- 92.9	46	793	0	1125	41	15	48	361	0	845	9
93.0- 93.9	46	793	0	1125	41	15	120	361	0	845	0
94.0- 94.9	183	725	0	1407	41	61	72	222	0	1558	4
95.0- 95.9	183	725	0	1407	41	61	264	222	0	1558	4
96.0- 96.9	822	1019	0	2039	248	153	240	79	0	2018	22
97.0- 97.9	457	521	0	2039	248	153	551	79	0	2018	17
98.0- 98.9	457	770	0	3305	331	46	671	17	13	1539	39
99.0- 99.9	1004	657	0	3305	331	46	1558	17	13	1539	22
100.0-100.9	1004	748	34	2672	83	153	1558	7	0	751	39
101.0-101.9	685	634	34	2672	83	153	1821	7	0	751	17
102.0-102.9	685	113	34	1266	455	306	2085	3	13	188	56
103.0-103.9	1233	113	34	1266	455	306	1773	3	13	188	39
104.0-104.9	1233	45	34	457	165	643	935	3	0	38	69
105.0-105.9	548	0	34	457	165	643	839	3	0	38	30
106.0-106.9	548	0	34	35	455	505	719	0	25	28	56
107.0-107.9	183	0	34	35	455	505	383	0	25	28	26
108.0-108.9	183	0	137	35	331	322	359	0	13	28	69
109.0-109.9	183	68	137	35	331	322	96	0	13	28	43
110.0-110.9	183	68	34	0	165	138	48	0	0	9	104
111.0-111.9	46	23	34	0	165	138	72	0	0	9	60
112.0-112.9	46	45	0	0	0	15	0	0	0	0	121
113.0-113.9	0	136	0	0	0	15	24	0	0	0	60
114.0-114.9	0	113	0	0	0	0	0	0	0	0	95
115.0-115.9	0	136	0	0	0	0	48	0	0	0	35
116.0-116.9	0	181	0	70	124	0	0	0	0	0	86
117.0-117.9	0	181	0	70	124	0	0	0	0	0	52
118.0-118.9	46	0	0	105	41	0	0	0	13	0	117
119.0-119.9	46	0	0	105	41	0	24	0	13	0	65
120.0-120.9	46	45	0	281	165	0	24	0	0	0	220
121.0-121.9	46	45	0	281	165	0	72	0	0	0	156
122.0-122.9	183	23	34	352	83	0	120	0	25	0	272
123.0-123.9	183	23	34	352	83	0	96	0	25	0	117
124.0-124.9	228	23	0	598	248	0	120	3	0	0	242
125.0-125.9	228	23	0	598	248	0	144	3	0	0	125
126.0-126.9	137	91	34	563	207	0	383	0	0	0	315
127.0-127.9	137	91	34	563	207	0	288	0	0	0	190
128.0-128.9	228	181	34	492	165	0	407	0	0	0	354
129.0-129.9	228	181	34	492	165	0	359	0	0	0	164
130.0-130.9	46	113	171	316	41	0	96	3	13	0	346
131.0-131.9	46	113	171	316	41	0	240	3	13	0	181
132.0-132.9	46	181	137	352	0	0	144	0	0	0	359
133.0-133.9	46	181	137	352	0	0	72	0	0	0	177
134.0-134.9	91	136	240	176	0	0	0	0	0	0	294
135.0-135.9	91	136	240	176	0	0	0	0	0	0	117
136.0-136.9	183	249	206	105	0	0	0	17	0	0	177
137.0-137.9	183	249	206	105	0	0	0	17	0	0	60
138.0-138.9	91	498	274	35	41	0	24	3	0	0	181
139.0-139.9	137	159	274	35	41	0	24	3	0	0	121
140.0-140.9	137	249	343	70	0	0	0	7	0	0	272
141.0-141.9	137	340	343	70	0	0	0	7	0	0	151
142.0-142.9	137	249	343	35	0	0	0	23	0	0	251

143.0-143.9	91	204	343	35	0	0	0	23	0	0	99
144.0-144.9	91	159	377	0	0	0	0	26	0	0	186
145.0-145.9	91	204	377	0	0	0	0	26	0	0	86
146.0-146.9	91	204	377	70	0	0	0	20	0	0	151
147.0-147.9	0	181	377	70	0	0	0	20	0	0	65
148.0-148.9	0	227	240	0	0	0	0	13	113	0	104
149.0-149.9	91	181	240	0	0	0	0	13	113	0	39
150.0-150.9	91	136	308	0	41	0	0	13	50	0	52
151.0-151.9	46	91	308	0	41	0	0	13	50	0	13
152.0-152.9	46	159	206	35	41	0	0	7	63	0	1
153.0-153.9	0	181	206	35	41	0	0	7	63	0	1
154.0-154.9	0	227	34	35	41	0	0	3	63	0	0
155.0-155.9	0	204	34	35	41	0	0	3	63	0	4
156.0-156.9	0	204	103	0	41	0	0	3	38	0	13
157.0-157.9	0	204	103	0	41	0	0	3	38	0	9
158.0-158.9	0	136	0	70	41	0	0	7	38	0	13
159.0-159.9	0	136	0	70	41	0	0	7	38	0	4
160.0-160.9	0	23	0	0	41	0	0	0	25	0	4
161.0-161.9	0	23	0	0	41	0	0	0	25	0	0
162.0-162.9	0	23	0	35	83	0	0	7	13	0	4
163.0-163.9	0	23	0	35	83	0	0	7	13	0	4
164.0-164.9	46	113	0	0	41	0	0	10	38	0	4
165.0-165.9	46	113	0	0	41	0	0	10	38	0	0
166.0-166.9	0	45	34	0	83	0	0	0	25	0	0
167.0-167.9	0	45	34	0	83	0	0	0	25	0	0
168.0-168.9	0	23	0	0	0	0	0	10	25	0	0
169.0-169.9	0	23	0	0	0	0	0	10	25	0	0
170.0-170.9	0	0	0	0	0	0	0	17	0	0	0
171.0-171.9	0	0	0	0	0	0	0	17	0	0	0
172.0-172.9	0	0	0	0	0	0	0	13	0	0	0
173.0-173.9	0	0	0	0	0	0	0	13	0	0	0
174.0-174.9	0	0	0	0	0	0	0	7	38	0	0
175.0-175.9	0	0	0	0	0	0	0	7	38	0	0
176.0-176.9	0	0	0	0	0	0	0	7	0	0	0
177.0-177.9	0	0	0	0	0	0	0	7	0	0	0
178.0-178.9	0	0	0	0	0	0	0	7	0	0	0
179.0-179.9	0	0	0	0	0	0	0	7	0	0	0
180.0-180.9	0	0	0	0	0	0	0	10	0	0	0
181.0-181.9	0	23	0	0	0	0	0	10	0	0	0
182.0-182.9	0	23	0	0	0	0	0	3	0	0	0
183.0-183.9	0	0	0	35	0	0	0	3	0	0	0
184.0-184.9	0	0	0	35	0	0	0	3	0	0	0
185.0-185.9	0	0	0	0	0	0	0	3	0	0	0
188.0-188.9	0	0	0	0	0	0	0	3	0	0	0
189.0-189.9	0	0	0	0	0	0	0	3	0	0	0
190.0-190.9	0	0	0	0	0	0	0	3	0	0	0
191.0-191.9	0	0	0	0	0	0	0	3	0	0	0
192.0-192.9	0	0	0	0	0	0	0	3	0	0	0
193.0-193.9	0	0	0	0	0	0	0	3	0	0	0
TOTAL # FISH	14709	21074	23706	13846	13141	24316	52705	12234	35536	26444	9485
TOTAL CATCH(MT)	323	579	461	1160	934	260	639	104	291	332	298
TASK1 MT OR # FISH	323	579	461	1161	935	260	639	104	291	332	298
# FISH(ORIG.REC)	.1471E+05	.2107E+05	.2371E+05	.1385E+06	.1314E+06	.2432E+05	.5271E+05	.1223E+05	.3554E+05	.2644E+05	9485.
MT(ORIGINAL REC)	323.2	579.1	460.8	1160.	934.4	259.9	639.3	103.7	291.0	331.9	297.9
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	109.2	109.0	96.90	74.47	70.36	82.28	85.83	74.17	75.28	86.83	116.8
MEAN WEIGHT (KG)	21.97	27.48	19.44	8.380	7.110	10.69	12.13	8.480	8.190	12.55	31.41

AREA WEST
COUNTRY CANADA
GEAR PS

YEAR	78	81
QUARTER	3	3
54.0- 54.9	4	0
55.0- 55.9	4	6
56.0- 56.9	4	6
57.0- 57.9	0	11
58.0- 58.9	11	11
59.0- 59.9	11	29
60.0- 60.9	42	121
61.0- 61.9	31	149
62.0- 62.9	85	144
63.0- 63.9	53	138
64.0- 64.9	143	80
65.0- 65.9	89	109
66.0- 66.9	129	322
67.0- 67.9	40	448
68.0- 68.9	51	339
69.0- 69.9	11	241
70.0- 70.9	16	172
71.0- 71.9	4	92
72.0- 72.9	4	69
73.0- 73.9	0	86
74.0- 74.9	0	155
75.0- 75.9	0	195
76.0- 76.9	2	184
77.0- 77.9	2	212
78.0- 78.9	29	304
79.0- 79.9	27	339
80.0- 80.9	49	425
81.0- 81.9	22	482
82.0- 82.9	96	367
83.0- 83.9	73	304
84.0- 84.9	143	230
85.0- 85.9	69	132
86.0- 86.9	131	46
87.0- 87.9	62	17
88.0- 88.9	107	29
89.0- 89.9	45	11
90.0- 90.9	85	0
91.0- 91.9	40	6
92.0- 92.9	80	11
93.0- 93.9	40	23
94.0- 94.9	58	23
95.0- 95.9	18	11
96.0- 96.9	33	23
97.0- 97.9	16	29
98.0- 98.9	51	17
99.0- 99.9	36	46
100.0-100.9	114	86
101.0-101.9	78	109
102.0-102.9	218	155
103.0-103.9	140	189
104.0-104.9	359	207
105.0-105.9	218	264
106.0-106.9	523	258
107.0-107.9	305	224
108.0-108.9	610	212
109.0-109.9	305	149
110.0-110.9	621	86
111.0-111.9	316	40
112.0-112.9	452	23
113.0-113.9	136	17
114.0-114.9	174	11
115.0-115.9	38	6
116.0-116.9	65	11
117.0-117.9	27	11
118.0-118.9	38	0
119.0-119.9	11	0
120.0-120.9	16	0
121.0-121.9	4	6
122.0-122.9	4	6
123.0-123.9	0	6
124.0-124.9	2	6
125.0-125.9	2	0
126.0-126.9	7	0
127.0-127.9	4	0
128.0-128.9	18	0
129.0-129.9	13	0
130.0-130.9	36	0
131.0-131.9	22	0
132.0-132.9	27	0
133.0-133.9	4	0
134.0-134.9	22	0
135.0-135.9	18	6
136.0-136.9	40	6
137.0-137.9	22	6
138.0-138.9	49	6
139.0-139.9	27	0
140.0-140.9	51	6
141.0-141.9	24	6
142.0-142.9	53	0
143.0-143.9	29	0
144.0-144.9	49	0
145.0-145.9	20	0
146.0-146.9	56	0
147.0-147.9	36	6
148.0-148.9	89	6
149.0-149.9	53	0
150.0-150.9	120	6
151.0-151.9	67	6
152.0-152.9	145	0
153.0-153.9	78	0
154.0-154.9	129	0
155.0-155.9	51	0
156.0-156.9	100	0
157.0-157.9	49	0
158.0-158.9	100	0
159.0-159.9	51	6
160.0-160.9	76	6
161.0-161.9	24	6
162.0-162.9	42	6
163.0-163.9	18	0
164.0-164.9	22	0
165.0-165.9	4	0
166.0-166.9	11	6
167.0-167.9	7	6
168.0-168.9	9	0
169.0-169.9	2	0
170.0-170.9	2	0
174.0-174.9	2	0
175.0-175.9	2	0
176.0-176.9	2	0
178.0-178.9	2	0
179.0-179.9	2	0
180.0-180.9	2	0
182.0-182.9	2	0
183.0-183.9	2	0
184.0-184.9	2	0
186.0-186.9	2	0
187.0-187.9	2	0
188.0-188.9	2	0
TOTAL # FISH	8722	8372

TOTAL CATCH(MT)	241	105
TASKI MT OR # FISH	241	105
# FISH(ORIG.REC)	8722.	8372.
MT(ORIGINAL REC)	241.1	105.3
RAISING FACTOR	1.000	1.000
MEAN LENGTH (CM)	111.0	83.91
MEAN WEIGHT (KG)	27.64	12.58

AREA WEST
COUNTRY CANADA
GEAR TRAP

YEAR / QUARTER	60 3	61 3	62 3	63 3	64 3	65 3	66 3	67 3	68 3	69 3	70 3
83.0- 83.9	0	0	0	0	0	0	1	0	0	0	0
94.0- 94.9	0	0	0	0	0	0	1	0	0	0	0
99.0- 99.9	0	0	0	0	0	0	1	0	0	0	0
129.0-129.9	0	0	0	0	0	0	1	0	0	0	0
132.0-132.9	2	0	0	0	0	0	0	0	0	0	0
141.0-141.9	0	0	0	0	0	0	2	0	0	0	0
143.0-143.9	0	0	0	0	0	0	0	0	0	0	0
145.0-145.9	0	0	0	0	0	0	1	0	0	0	0
149.0-149.9	0	0	0	0	0	0	1	0	0	0	0
150.0-150.9	0	0	0	0	0	0	1	0	0	0	0
151.0-151.9	0	0	0	0	0	0	0	0	0	0	0
155.0-155.9	0	0	0	0	0	0	0	0	0	0	0
156.0-156.9	0	0	0	0	0	0	0	0	0	0	0
157.0-157.9	0	0	0	0	0	0	0	0	0	0	0
158.0-158.9	0	0	0	0	0	0	0	0	0	0	0
159.0-159.9	2	0	0	0	0	0	0	0	0	0	0
162.0-162.9	0	0	0	0	0	0	0	0	0	0	0
165.0-165.9	0	0	0	0	0	0	0	0	0	0	0
166.0-166.9	0	0	0	0	0	0	0	0	0	0	0
168.0-168.9	0	0	0	0	0	0	0	0	0	0	0
170.0-170.9	2	0	0	0	0	0	0	0	0	0	0
171.0-171.9	5	0	0	0	0	0	0	0	0	0	0
173.0-173.9	2	0	0	0	0	0	0	0	0	0	0
175.0-175.9	5	0	0	0	0	0	0	0	0	0	0
176.0-176.9	0	0	0	0	0	0	0	0	0	0	0
177.0-177.9	0	0	0	0	0	0	0	0	0	0	0
178.0-178.9	7	0	0	0	0	0	0	0	0	0	0
179.0-179.9	3	0	0	0	0	0	0	0	0	0	0
180.0-180.9	0	0	0	0	0	0	0	0	0	0	0
181.0-181.9	0	0	0	0	0	0	0	0	0	0	0
182.0-182.9	0	0	0	0	0	0	0	0	0	0	0
185.0-185.9	2	0	0	0	0	0	0	0	0	0	0
186.0-186.9	0	0	0	0	0	0	0	0	0	0	0
187.0-187.9	0	0	0	0	0	0	0	0	0	0	0
190.0-190.9	2	0	0	0	0	0	0	0	0	0	0
193.0-193.9	0	0	0	0	0	0	0	0	0	0	0
194.0-194.9	0	0	0	0	0	0	0	0	0	0	0
195.0-195.9	2	0	0	0	0	0	0	0	0	0	0
196.0-196.9	5	0	0	0	0	0	0	0	0	0	0
198.0-198.9	0	0	0	0	0	0	0	0	0	0	0
200.0-200.9	0	0	0	0	0	0	0	0	0	0	0
201.0-201.9	9	0	0	0	0	0	0	0	0	0	0
202.0-202.9	2	0	0	0	0	0	0	0	0	0	0
203.0-203.9	0	0	0	0	0	0	0	0	0	0	0
204.0-204.9	0	0	0	0	0	0	0	0	0	0	0
205.0-205.9	0	0	0	0	0	0	0	0	0	0	0
206.0-206.9	0	0	0	0	0	0	0	0	0	0	0
207.0-207.9	0	0	0	0	0	0	0	0	0	0	0
208.0-208.9	0	0	0	0	0	0	0	0	0	0	0
209.0-209.9	0	0	0	0	0	0	0	0	0	0	0
210.0-210.9	0	0	0	0	0	0	0	0	0	0	0
211.0-211.9	0	0	0	0	0	0	0	0	0	0	0
212.0-212.9	0	0	0	0	0	0	0	0	0	0	0
213.0-213.9	0	0	0	0	0	0	0	0	0	0	0
214.0-214.9	0	0	0	0	0	0	0	0	0	0	0
215.0-215.9	2	0	0	0	0	0	0	0	0	0	0
216.0-216.9	0	0	0	0	0	0	0	0	0	0	0
217.0-217.9	0	0	0	0	0	0	0	0	0	0	0
218.0-218.9	0	0	0	0	0	0	0	0	0	0	0
219.0-219.9	0	0	0	0	0	0	0	0	0	0	0
220.0-220.9	2	0	0	0	0	0	0	0	0	0	0
221.0-221.9	2	0	0	0	0	0	0	0	0	0	0
222.0-222.9	2	0	0	0	0	0	0	0	0	0	0
223.0-223.9	0	0	0	0	0	0	0	0	0	0	0
224.0-224.9	0	0	0	0	0	0	0	0	0	0	0
225.0-225.9	0	0	0	0	0	0	0	0	0	0	0
226.0-226.9	0	0	0	0	0	0	0	0	0	0	0
227.0-227.9	0	0	0	0	0	0	0	0	0	0	0
228.0-228.9	0	0	0	0	0	0	0	0	0	0	0
229.0-229.9	0	0	0	0	0	0	0	0	0	0	0
230.0-230.9	0	0	0	0	0	0	0	0	0	0	0
231.0-231.9	0	0	0	0	0	0	0	0	0	0	0
232.0-232.9	0	0	0	0	0	0	0	0	0	0	0
233.0-233.9	0	0	0	0	0	0	0	0	0	0	0
234.0-234.9	0	0	0	0	0	0	0	0	0	0	0
235.0-235.9	0	0	0	0	0	0	0	0	0	0	0
236.0-236.9	0	0	0	0	0	0	0	0	0	0	0
237.0-237.9	0	0	0	0	0	0	0	0	0	0	0
238.0-238.9	0	0	0	0	0	0	0	0	0	0	0
239.0-239.9	0	0	0	0	0	0	0	0	0	0	0
240.0-240.9	0	0	0	0	0	0	0	0	0	0	0
241.0-241.9	0	0	0	0	0	0	0	0	0	0	0
242.0-242.9	0	0	0	0	0	0	0	0	0	0	0
243.0-243.9	0	0	0	0	0	0	0	0	0	0	0
244.0-244.9	0	0	0	0	0	0	0	0	0	0	0
245.0-245.9	0	0	0	0	0	0	0	0	0	0	0
246.0-246.9	0	0	0	0	0	0	0	0	0	0	0
247.0-247.9	0	0	0	0	0	0	0	0	0	0	0
248.0-248.9	0	0	0	0	0	0	0	0	0	0	0
249.0-249.9	0	0	0	0	0	0	0	0	0	0	0
250.0-250.9	0	0	0	0	0	0	0	0	0	0	0
251.0-251.9	0	0	0	0	0	0	0	0	0	0	0
252.0-252.9	0	0	0	0	0	0	0	0	0	0	0
253.0-253.9	0	0	0	0	0	0	0	0	0	0	0
254.0-254.9	0	0	0	0	0	0	0	0	0	0	0
255.0-255.9	0	0	0	0	0	0	0	0	0	0	0
256.0-256.9	0	0	0	0	0	0	0	0	0	0	0
257.0-257.9	0	0	0	0	0	0	0	0	0	0	0
258.0-258.9	0	0	0	0	0	0	0	0	0	0	0
259.0-259.9	0	0	0	0	0	0	0	0	0	0	0
260.0-260.9	1	0	0	0	0	0	0	0	0	0	0

261.0-261.9	3	0	0	0	1	1	0	2	0	1	6
262.0-262.9	3	0	0	0	2	1	0	2	0	1	6
263.0-263.9	1	0	0	0	1	1	0	2	0	1	6
264.0-264.9	1	2	0	0	2	0	0	2	0	1	6
265.0-265.9	0	0	0	0	0	1	0	0	0	3	5
266.0-266.9	0	0	0	0	0	0	0	0	0	3	5
267.0-267.9	0	2	0	0	0	0	0	0	0	3	5
268.0-268.9	0	0	0	0	0	0	0	0	0	3	5
269.0-269.9	0	0	0	0	0	0	0	0	0	3	5
270.0-270.9	0	0	0	0	0	0	0	1	0	1	3
271.0-271.9	0	0	0	0	0	0	0	1	0	1	3
272.0-272.9	0	0	0	0	0	0	0	1	0	1	3
273.0-273.9	0	0	0	0	0	0	0	1	0	1	3
274.0-274.9	0	0	0	0	0	0	0	1	0	1	3
275.0-275.9	0	0	0	0	0	0	0	0	0	3	2
276.0-276.9	0	0	0	0	0	0	0	0	0	3	2
277.0-277.9	0	0	0	0	0	0	0	0	0	3	2
278.0-278.9	0	0	0	0	0	0	0	0	0	3	2
279.0-279.9	0	0	0	0	0	0	0	0	0	3	2
280.0-280.9	2	0	0	0	0	0	0	0	0	1	1
281.0-281.9	0	0	0	0	0	0	0	0	0	1	1
282.0-282.9	0	0	0	0	0	0	0	0	0	1	1
283.0-283.9	0	0	0	0	0	0	0	0	0	1	1
284.0-284.9	0	0	0	0	0	0	0	0	0	0	1
285.0-285.9	0	0	0	0	0	0	0	0	0	0	1
286.0-286.9	0	0	0	0	0	0	0	0	0	0	1
287.0-287.9	0	0	0	0	0	0	0	0	0	0	1
288.0-288.9	0	0	0	0	0	0	0	0	0	0	1
289.0-289.9	0	0	0	0	0	0	0	0	0	0	1
TOTAL # FISH	145	341	581	1006	495	279	314	610	355	680	445

TOTAL CATCH(MT)		31	78	135	231	126	70	72	160	88	188	131
TASK1 MT OR # FISH		32	80	138	229	496	286	306	614	356	680	458
# FISH(ORIG.REC)	145.0	341.0	581.0	1006.	495.0	279.0	314.0	610.0	355.0	680.0	445.0	
MT(ORIGINAL REC)	31.28	77.69	135.3	231.2	126.3	70.02	71.65	160.1	87.84	188.4	130.8	
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
MEAN LENGTH (CM)	224.9	228.8	229.8	228.1	236.8	236.5	225.8	238.9	233.6	242.7	248.1	
MEAN WEIGHT (KG)	215.7	227.8	233.0	229.8	255.1	251.0	228.2	262.5	247.4	277.1	293.9	

AREA WEST
COUNTRY CANADA
GEAR TRAP

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3	3
152.0-152.9	0	0	0	0	0	0	0	1	0	0	0
153.0-153.9	0	0	0	0	0	0	0	1	0	0	0
154.0-154.9	0	0	0	0	0	0	0	1	0	0	0
155.0-155.9	0	0	0	0	0	0	0	1	0	0	0
156.0-156.9	0	0	0	0	0	0	0	1	0	0	0
157.0-157.9	0	0	0	0	2	0	0	1	0	0	0
158.0-158.9	0	0	0	0	2	0	0	1	0	0	0
159.0-159.9	0	0	0	0	0	0	0	0	0	0	0
166.0-166.9	0	0	0	0	0	0	1	0	0	0	0
174.0-174.9	0	0	0	0	0	0	1	0	0	0	0
175.0-175.9	0	0	0	0	0	0	3	0	0	0	0
176.0-176.9	0	0	0	0	1	0	2	0	0	0	0
177.0-177.9	0	0	0	0	0	0	4	0	0	0	0
178.0-178.9	0	0	0	0	0	0	2	0	0	0	0
179.0-179.9	0	0	0	0	0	0	5	0	0	0	0
180.0-180.9	0	0	0	0	0	0	3	0	0	0	0
181.0-181.9	0	0	0	0	0	0	8	0	0	0	0
182.0-182.9	0	0	0	0	0	0	5	0	0	0	0
183.0-183.9	0	0	0	0	0	0	11	0	0	0	0
184.0-184.9	0	0	0	0	0	0	6	1	0	0	0
185.0-185.9	0	0	0	0	0	0	12	0	0	0	0
186.0-186.9	0	0	0	0	0	0	6	0	0	0	0
187.0-187.9	0	0	0	0	0	0	11	0	0	0	0
188.0-188.9	0	0	0	0	0	0	6	0	0	0	0
189.0-189.9	0	0	0	0	0	0	6	0	0	0	0
190.0-190.9	0	0	0	0	0	0	14	0	0	0	0
191.0-191.9	0	0	0	0	0	0	8	0	0	0	0
192.0-192.9	0	0	0	0	0	0	20	0	0	0	0
193.0-193.9	0	0	0	0	0	0	11	0	0	0	0
194.0-194.9	0	0	0	0	0	0	25	0	0	0	0
195.0-195.9	0	0	0	0	0	0	14	0	0	0	0
196.0-196.9	0	0	0	0	0	0	28	0	0	0	0
197.0-197.9	0	0	0	0	0	0	14	0	0	0	0
198.0-198.9	0	0	0	0	0	0	29	0	0	0	0
199.0-199.9	0	0	0	0	0	0	15	0	0	0	0
200.0-200.9	0	0	1	0	0	0	35	0	0	0	0
201.0-201.9	0	0	1	0	0	0	20	0	0	0	0
202.0-202.9	0	0	1	0	0	0	50	0	0	0	0
203.0-203.9	0	0	1	0	0	0	53	0	0	0	0
204.0-204.9	0	0	4	0	0	0	22	0	0	0	0
205.0-205.9	0	0	3	0	0	0	41	0	0	0	0
206.0-206.9	0	0	3	0	0	0	19	0	0	0	0
207.0-207.9	0	0	3	0	0	0	41	0	0	0	0
208.0-208.9	0	0	4	0	0	0	22	0	0	0	0
209.0-209.9	0	0	1	0	0	0	40	0	0	0	0
210.0-210.9	0	0	1	0	0	0	18	0	0	0	0
211.0-211.9	0	0	1	0	0	0	48	0	0	0	0
212.0-212.9	0	0	4	1	0	0	43	0	0	0	0
213.0-213.9	0	0	3	1	0	0	13	0	0	0	0
214.0-214.9	0	0	3	1	0	0	31	0	0	0	0
215.0-215.9	0	0	3	1	0	0	18	0	0	0	0
216.0-216.9	0	0	12	2	1	0	35	0	0	0	0
217.0-217.9	0	0	9	1	0	0	28	0	0	0	0
218.0-218.9	0	0	9	1	0	1	11	0	0	0	0
219.0-219.9	0	0	9	1	0	1	21	0	0	0	0
220.0-220.9	1	0	21	2	1	0	10	0	0	0	0
221.0-221.9	1	0	12	1	1	0	22	0	0	0	0
222.0-222.9	1	0	12	1	1	0	17	0	0	0	0
223.0-223.9	1	0	26	5	2	0	5	0	0	0	0
224.0-224.9	1	0	14	4	1	0	7	0	0	0	0
225.0-225.9	1	0	14	4	1	0	4	0	0	0	0
226.0-226.9	1	0	14	4	1	0	2	0	0	0	0
227.0-227.9	1	1	24	12	3	0	4	0	0	0	0
228.0-228.9	1	0	10	7	2	0	2	0	0	0	0
229.0-229.9	1	0	10	7	2	0	4	0	0	0	0
230.0-230.9	2	0	19	19	6	0	2	0	0	0	0
231.0-231.9	2	1	9	12	4	0	0	0	0	0	0
232.0-232.9	2	1	9	12	4	0	1	0	0	0	0
233.0-233.9	2	0	25	25	7	0	1	0	0	0	0
234.0-234.9	3	0	16	13	3	0	1	0	0	0	0
235.0-235.9	6	0	16	13	3	0	0	0	0	0	0
236.0-236.9	5	2	16	13	3	0	0	0	0	0	0
237.0-237.9	6	2	9	16	5	0	0	0	0	0	0
238.0-238.9	6	2	9	16	5	0	0	0	0	0	0
239.0-239.9	5	2	9	16	5	0	0	0	0	0	0
240.0-240.9	6	2	20	34	11	0	0	0	0	0	0
241.0-241.9	6	2	11	18	5	0	0	0	0	0	0
242.0-242.9	5	1	11	18	5	0	0	0	0	0	0
243.0-243.9	4	1	20	44	16	0	0	0	0	0	0
244.0-244.9	5	2	9	26	11	0	0	0	0	0	0
245.0-245.9	5	2	9	26	11	0	0	0	0	0	0
246.0-246.9	6	2	15	29	9	0	0	0	0	0	0
247.0-247.9	7	4	15	29	9	0	0	0	0	0	0
248.0-248.9	7	3	18	46	17	0	0	0	0	0	0
249.0-249.9	6	2	3	18	8	0	0	0	0	0	0
250.0-250.9	5	2	3	18	8	0	0	0	0	0	0
251.0-251.9	6	2	4	31	15	0	0	0	0	0	0
252.0-252.9	7	2	1	13	7	0	0	0	0	0	0
253.0-253.9	7	3	1	13	7	0	0	0	0	0	0
254.0-254.9	6	5	1	34	18	0	0	0	0	0	0
255.0-255.9	4	1	1	21	11	0	0	0	0	0	0
256.0-256.9	6	3	0	21	11	0	0	0	0	0	0
257.0-257.9	6	4	0	37	22	0	0	0	0	0	0
258.0-258.9	4	2	0	16	11	0	0	0	0	0	0
259.0-259.9	4	4	0	31	19	0	0	0	0	0	0
260.0-260.9	4	4	0	15	8	0	0	0	0	0	0
261.0-261.9	4	4	0	15	8	0	0	0	0	0	0
262.0-262.9	4	4	0	24	17	0	0	0	0	0	0
263.0-263.9	3	3	0	10	9	0	0	0	0	0	0
264.0-264.9	3	5	0	15	13	0	0	13	2	4	2
265.0-265.9											

266.0-266.9	3	2	0	6	4	16	0	8	2	7	4
267.0-267.9	2	4	0	6	4	16	0	8	1	3	2
268.0-268.9	2	2	0	11	9	10	0	13	1	6	4
269.0-269.9	2	1	0	5	4	10	0	6	0	3	2
270.0-270.9	1	2	0	7	9	13	0	12	3	5	4
271.0-271.9	1	2	0	2	5	13	0	7	3	2	2
272.0-272.9	2	1	0	2	5	9	0	7	4	3	5
273.0-273.9	2	2	0	4	8	9	0	18	1	3	3
274.0-274.9	1	1	0	1	3	13	0	12	3	4	2
275.0-275.9	1	1	0	3	6	13	0	26	4	6	3
276.0-276.9	1	2	0	1	3	8	0	14	3	4	1
277.0-277.9	1	0	0	1	4	8	0	20	4	4	4
278.0-278.9	1	1	0	0	2	2	0	6	2	0	3
279.0-279.9	0	1	0	0	2	2	0	6	3	1	5
280.0-280.9	0	0	0	0	3	2	0	20	2	3	4
281.0-281.9	0	0	0	0	1	2	0	14	1	2	2
282.0-282.9	0	0	0	0	2	1	0	26	1	4	2
283.0-283.9	0	0	0	0	1	1	0	12	1	1	1
284.0-284.9	0	0	0	1	3	2	0	18	1	3	1
285.0-285.9	0	0	0	0	2	2	0	7	1	1	2
286.0-286.9	0	0	0	0	2	1	0	12	0	1	1
287.0-287.9	0	0	0	0	1	1	0	6	0	1	1
288.0-288.9	0	0	0	0	1	0	0	6	0	1	0
289.0-289.9	0	0	0	0	2	0	0	16	0	1	0
290.0-290.9	0	0	0	0	1	0	0	10	0	1	0
291.0-291.9	0	0	0	0	1	0	0	23	0	1	0
292.0-292.9	0	0	0	0	0	0	0	12	0	1	0
293.0-293.9	0	0	0	0	0	0	0	18	0	1	0
294.0-294.9	0	0	0	0	0	0	0	6	0	1	0
295.0-295.9	0	0	0	0	0	0	0	14	0	0	0
296.0-296.9	0	0	0	0	0	0	0	8	0	0	0
297.0-297.9	0	0	0	0	0	0	0	11	0	0	0
298.0-298.9	0	0	0	0	0	0	0	3	0	0	0
299.0-299.9	0	0	0	0	1	0	0	10	0	0	0
300.0-300.9	0	0	0	0	0	0	0	7	0	0	0
301.0-301.9	0	0	0	0	1	0	0	9	0	0	0
302.0-302.9	0	0	0	0	0	0	0	2	0	0	0
303.0-303.9	0	0	0	0	0	0	0	5	0	0	0
304.0-304.9	0	0	0	0	0	0	0	3	0	0	0
305.0-305.9	0	0	0	0	0	0	0	4	0	0	0
306.0-306.9	0	0	0	0	0	0	0	1	0	0	0
307.0-307.9	0	0	0	0	0	0	0	2	0	0	0
309.0-309.9	0	0	0	0	0	0	0	1	0	0	0
310.0-310.9	0	0	0	0	0	0	0	1	0	0	0
TOTAL # FISH	204	105	511	863	442	476	959	530	72	172	94

TOTAL CATCH(MT)	63	34	124	255	139	163	168	219	30	59	41
TASK1 MT OR # FISH	208	104	508	865	452	480	959	530	31	65	41
# FISH(ORIG.REC)	204.0	105.0	511.0	863.0	442.0	476.0	959.0	530.0	72.00	172.0	94.00
MT(ORIGINAL REC)	63.12	33.78	124.2	255.3	138.9	163.3	167.8	218.8	30.43	59.27	40.79
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	249.6	256.5	232.3	248.7	254.7	261.6	208.0	278.7	268.4	256.8	268.3
MEAN WEIGHT (KG)	309.4	321.8	243.0	295.8	314.2	343.0	175.0	412.8	422.7	344.6	433.9

AREA WEST
COUNTRY CANADA
GEAR RR

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	3
83.0- 83.9	0	0	0	0	0	0	1	0	0	0	0
94.0- 94.9	0	0	0	0	0	0	1	0	0	0	0
99.0- 99.9	0	0	0	0	0	0	1	0	0	0	0
129.0-129.9	0	0	0	0	0	0	2	0	0	0	0
141.0-141.9	0	0	2	0	0	0	0	0	0	0	0
143.0-143.9	0	0	0	0	0	0	1	0	0	0	0
145.0-145.9	0	0	0	0	0	0	1	0	0	0	0
149.0-149.9	0	0	0	1	0	0	1	0	0	0	0
150.0-150.9	0	0	0	0	0	0	1	0	0	0	0
151.0-151.9	0	0	0	0	0	0	2	0	0	0	0
162.0-162.9	0	0	0	0	0	0	1	0	0	0	0
165.0-165.9	0	0	0	1	0	0	2	0	0	0	0
166.0-166.9	0	0	0	0	0	0	1	0	0	0	0
168.0-168.9	0	0	0	0	0	0	1	0	0	0	0
170.0-170.9	0	0	0	0	0	0	0	0	0	0	0
177.0-177.9	0	0	0	0	0	0	0	0	0	0	0
179.0-179.9	0	0	0	0	0	0	0	0	0	0	0
180.0-180.9	1	0	0	0	0	0	0	0	0	0	0
181.0-181.9	0	0	0	0	0	0	0	0	0	0	0
182.0-182.9	0	0	0	0	0	0	0	0	0	0	0
185.0-185.9	0	0	0	0	0	0	0	0	0	0	0
186.0-186.9	0	0	0	0	0	0	0	0	0	0	0
187.0-187.9	0	0	0	0	0	0	0	0	0	0	0
190.0-190.9	0	0	0	0	0	0	0	0	0	0	0
194.0-194.9	0	0	0	0	0	0	0	0	0	0	0
195.0-195.9	0	0	0	0	0	0	0	0	0	0	0
198.0-198.9	0	0	0	0	0	0	0	0	0	0	0
200.0-200.9	0	0	0	0	0	0	0	0	0	0	0
201.0-201.9	0	0	0	0	0	0	0	0	0	0	0
202.0-202.9	0	0	0	0	0	0	0	0	0	0	0
203.0-203.9	0	0	0	0	0	0	0	0	0	0	0
204.0-204.9	0	0	0	0	0	0	0	0	0	0	0
205.0-205.9	0	0	0	0	0	0	0	0	0	0	0
206.0-206.9	0	0	0	0	0	0	0	0	0	0	0
207.0-207.9	0	0	0	0	0	0	0	0	0	0	0
208.0-208.9	0	0	0	0	0	0	0	0	0	0	0
209.0-209.9	0	0	0	0	0	0	0	0	0	0	0
210.0-210.9	0	0	0	0	0	0	0	0	0	0	0
211.0-211.9	0	0	0	0	0	0	0	0	0	0	0
212.0-212.9	0	0	0	0	0	0	0	0	0	0	0
213.0-213.9	0	0	0	0	0	0	0	0	0	0	0
214.0-214.9	0	0	0	0	0	0	0	0	0	0	0
215.0-215.9	0	0	0	0	0	0	0	0	0	0	0
216.0-216.9	0	0	0	0	0	0	0	0	0	0	0
217.0-217.9	0	0	0	0	0	0	0	0	0	0	0
218.0-218.9	0	0	0	0	0	0	0	0	0	0	0
219.0-219.9	0	0	0	0	0	0	0	0	0	0	0
220.0-220.9	0	0	0	0	0	0	0	0	0	0	0
221.0-221.9	0	0	0	0	0	0	0	0	0	0	0
222.0-222.9	0	0	0	0	0	0	0	0	0	0	0
223.0-223.9	0	0	0	0	0	0	0	0	0	0	0
224.0-224.9	0	0	0	0	0	0	0	0	0	0	0
225.0-225.9	0	0	0	0	0	0	0	0	0	0	0
226.0-226.9	0	0	0	0	0	0	0	0	0	0	0
227.0-227.9	0	0	0	0	0	0	0	0	0	0	0
228.0-228.9	0	0	0	0	0	0	0	0	0	0	0
229.0-229.9	0	0	0	0	0	0	0	0	0	0	0
230.0-230.9	0	0	0	0	0	0	0	0	0	0	0
231.0-231.9	0	0	0	0	0	0	0	0	0	0	0
232.0-232.9	0	0	0	0	0	0	0	0	0	0	0
233.0-233.9	0	0	0	0	0	0	0	0	0	0	0
234.0-234.9	0	0	0	0	0	0	0	0	0	0	0
235.0-235.9	0	0	0	0	0	0	0	0	0	0	0
236.0-236.9	0	0	0	0	0	0	0	0	0	0	0
237.0-237.9	0	0	0	0	0	0	0	0	0	0	0
238.0-238.9	0	0	0	0	0	0	0	0	0	0	0
239.0-239.9	0	0	0	0	0	0	0	0	0	0	0
240.0-240.9	0	0	0	0	0	0	0	0	0	0	0
241.0-241.9	0	0	0	0	0	0	0	0	0	0	0
242.0-242.9	0	0	0	0	0	0	0	0	0	0	0
243.0-243.9	0	0	0	0	0	0	0	0	0	0	0
244.0-244.9	0	0	0	0	0	0	0	0	0	0	0
245.0-245.9	0	0	0	0	0	0	0	0	0	0	0
246.0-246.9	0	0	0	0	0	0	0	0	0	0	0
247.0-247.9	0	0	0	0	0	0	0	0	0	0	0
248.0-248.9	0	0	0	0	0	0	0	0	0	0	0
249.0-249.9	0	0	0	0	0	0	0	0	0	0	0
250.0-250.9	0	0	0	0	0	0	0	0	0	0	0
251.0-251.9	0	0	0	0	0	0	0	0	0	0	0
252.0-252.9	0	0	0	0	0	0	0	0	0	0	0
253.0-253.9	0	0	0	0	0	0	0	0	0	0	0
254.0-254.9	0	0	0	0	0	0	0	0	0	0	0
255.0-255.9	0	0	0	0	0	0	0	0	0	0	0
256.0-256.9	0	0	0	0	0	0	0	0	0	0	0
257.0-257.9	0	0	0	0	0	0	0	0	0	0	0
258.0-258.9	0	0	0	0	0	0	0	0	0	0	0
259.0-259.9	0	0	0	0	0	0	0	0	0	0	0
260.0-260.9	0	0	0	0	0	0	0	0	0	0	0
261.0-261.9	0	0	0	0	0	0	0	0	0	0	0
262.0-262.9	0	0	0	0	0	0	0	0	0	0	0
263.0-263.9	0	0	0	0	0	0	0	0	0	0	0
264.0-264.9	0	0	0	0	0	0	0	0	0	0	0
265.0-265.9	0	0	0	0	0	0	0	0	0	0	0
266.0-266.9	0	0	0	0	0	0	0	0	0	0	0
267.0-267.9	0	0	0	0	0	0	0	0	0	0	0
268.0-268.9	0	0	0	0	0	0	0	0	0	0	0
269.0-269.9	0	0	0	0	0	0	0	0	0	0	0
270.0-270.9	0	0	0	0	0	0	0	0	0	0	0
271.0-271.9	0	0	0	0	0	0	0	0	0	0	0
272.0-272.9	0	0	0	0	0	0	0	0	0	0	0
273.0-273.9	0	0	0	0	0	0	0	0	0	0	0

274.0-274.9	0	0	0	0	0	0	0	0	0	0	2
275.0-275.9	0	0	0	0	0	0	0	0	0	1	1
276.0-276.9	0	0	0	0	0	0	0	0	0	1	1
277.0-277.9	0	0	0	0	0	0	0	0	0	1	1
278.0-278.9	0	0	0	0	0	0	0	0	0	1	1
279.0-279.9	0	0	0	0	0	0	0	0	0	0	1
285.0-285.9	0	0	0	0	0	0	0	0	0	0	1
286.0-286.9	0	0	0	0	0	0	0	0	0	0	1
287.0-287.9	0	0	0	0	0	0	0	0	0	0	1
288.0-288.9	0	0	0	0	0	0	0	0	0	0	1
289.0-289.9	0	0	0	0	0	0	0	0	0	0	1
TOTAL # FISH	5	177	157	379	322	296	407	195	330	205	250

TOTAL CATCH(MT)		1	40	37	87	82	74	93	51	82	57	73
TASKI MT OR # FISH		11	178	157	382	322	295	418	193	341	211	256
# FISH(ORIG.REC)	5.000	177.0	157.0	379.0	322.0	296.0	407.0	195.0	330.0	205.0	250.0	
MT(ORIGINAL REC)	1.079	40.33	36.57	87.09	82.14	74.28	92.87	51.18	81.65	56.81	73.46	
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
MEAN LENGTH (CM)	223.9	228.5	230.0	228.9	237.0	236.3	226.9	239.3	234.0	242.6	247.7	
MEAN WEIGHT (KG)	215.7	227.8	233.0	229.8	255.1	251.0	228.2	262.5	247.4	277.1	293.9	

AREA #EST
COUNTRY CANADA
GEAR RR

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3	3
170.0-170.9	0	1	0	0	0	0	0	0	0	0	0
191.0-191.9	0	0	1	0	0	0	0	0	0	0	0
213.0-213.9	0	0	0	0	0	1	0	0	0	0	0
215.0-215.9	1	0	0	0	0	0	0	0	0	0	0
216.0-216.9	1	0	1	0	0	0	1	0	0	0	0
217.0-217.9	1	1	0	0	0	0	0	0	0	0	0
218.0-218.9	1	0	0	0	0	0	0	0	0	0	0
219.0-219.9	1	0	1	0	0	0	0	0	0	0	0
220.0-220.9	1	0	0	0	0	0	0	0	0	0	0
221.0-221.9	1	1	1	0	0	0	0	0	0	0	0
222.0-222.9	1	0	0	0	0	0	0	0	0	0	0
223.0-223.9	1	0	1	0	0	0	0	0	0	0	0
224.0-224.9	1	0	1	0	0	0	0	0	0	0	0
225.0-225.9	1	0	0	2	0	0	0	0	0	0	0
226.0-226.9	2	0	1	2	0	0	0	0	0	0	0
227.0-227.9	1	5	1	2	0	0	0	0	0	0	0
228.0-228.9	2	0	0	2	0	0	1	0	0	0	0
229.0-229.9	1	0	1	1	0	0	0	0	0	0	0
230.0-230.9	2	2	0	1	0	0	0	0	0	0	0
231.0-231.9	3	4	0	1	0	0	0	0	0	0	0
232.0-232.9	3	4	4	1	0	0	0	0	0	0	0
233.0-233.9	3	1	0	4	0	0	0	0	0	0	0
234.0-234.9	3	2	3	4	0	0	0	0	0	0	0
235.0-235.9	7	2	4	4	0	1	1	0	0	0	0
236.0-236.9	6	11	7	8	0	0	0	1	0	0	0
237.0-237.9	7	9	1	6	0	0	0	1	0	1	0
238.0-238.9	8	10	3	6	0	1	1	1	0	1	0
239.0-239.9	6	10	4	7	0	0	2	1	0	1	0
240.0-240.9	7	11	6	7	0	3	0	1	0	1	0
241.0-241.9	8	10	7	7	0	0	0	1	0	1	0
242.0-242.9	7	5	9	10	0	3	0	1	1	1	0
243.0-243.9	5	7	10	19	3	1	2	1	1	1	0
244.0-244.9	6	12	16	17	3	0	0	1	1	1	0
245.0-245.9	6	12	1	19	3	3	2	1	2	1	0
246.0-246.9	6	10	25	30	5	0	1	2	3	1	0
247.0-247.9	8	22	19	18	5	4	1	1	2	0	0
248.0-248.9	9	15	16	34	13	2	1	3	4	2	2
249.0-249.9	8	10	18	28	8	4	5	2	2	2	2
250.0-250.9	8	14	21	34	8	6	3	3	3	2	2
251.0-251.9	6	14	27	31	10	7	5	2	3	3	2
252.0-252.9	7	11	19	36	4	10	6	1	2	2	2
253.0-253.9	9	20	25	38	4	3	12	2	3	3	2
254.0-254.9	9	26	31	39	13	11	10	2	4	5	2
255.0-255.9	8	6	7	52	9	11	9	4	6	6	4
256.0-256.9	5	16	19	30	9	13	6	3	5	5	4
257.0-257.9	8	17	30	46	13	21	9	6	10	9	14
258.0-258.9	8	21	24	50	4	15	13	8	8	7	16
259.0-259.9	6	10	31	44	15	17	17	8	10	9	18
260.0-260.9	4	22	40	34	11	19	18	9	6	8	12
261.0-261.9	6	22	30	40	11	27	17	6	6	8	6
262.0-262.9	5	22	27	43	16	19	20	9	10	14	14
263.0-263.9	5	24	27	48	9	28	25	14	9	15	16
264.0-264.9	4	19	33	53	14	17	16	12	8	11	20
265.0-265.9	4	26	15	60	24	28	23	22	12	21	24
266.0-266.9	3	9	24	38	17	36	39	13	9	12	24
267.0-267.9	3	22	21	65	25	36	25	20	17	23	38
268.0-268.9	3	14	12	31	14	33	28	12	11	13	28
269.0-269.9	2	5	19	39	12	36	26	16	12	15	36
270.0-270.9	1	11	3	26	29	40	29	18	21	20	28
271.0-271.9	1	10	4	19	17	55	30	12	15	14	22
272.0-272.9	2	7	7	31	29	32	32	26	27	29	36
273.0-273.9	2	10	3	13	12	36	43	17	12	15	24
274.0-274.9	2	6	6	14	12	24	29	23	20	23	44
275.0-275.9	1	5	7	12	19	36	24	16	20	21	42
276.0-276.9	2	10	4	11	19	25	23	21	22	25	52
277.0-277.9	1	1	4	15	34	29	36	23	24	27	58
278.0-278.9	1	4	1	10	15	22	32	20	17	19	54
279.0-279.9	1	4	4	8	19	28	32	16	22	23	52
280.0-280.9	0	2	1	7	13	19	15	16	20	17	46
281.0-281.9	0	0	0	4	10	19	15	10	12	18	48
282.0-282.9	0	1	4	4	6	17	6	14	11	13	48
283.0-283.9	0	1	0	2	4	13	15	8	7	9	32
284.0-284.9	0	0	1	2	8	4	6	15	18	26	44
285.0-285.9	0	0	0	2	4	14	9	7	12	17	36
286.0-286.9	0	0	0	2	4	10	7	9	15	28	54
287.0-287.9	0	1	0	3	0	3	7	5	7	12	28
288.0-288.9	0	1	0	2	2	4	1	6	11	19	48
289.0-289.9	0	1	0	3	2	1	6	5	5	8	24
290.0-290.9	0	0	0	1	2	4	0	5	8	12	44
291.0-291.9	0	1	0	1	0	0	3	3	3	4	18
292.0-292.9	0	0	0	1	0	6	1	4	4	11	30
293.0-293.9	0	0	0	0	0	0	1	1	5	1	6
294.0-294.9	0	0	0	0	0	0	0	1	4	6	8
295.0-295.9	0	0	0	0	0	0	0	0	4	5	2
296.0-296.9	0	0	0	0	0	0	0	0	2	2	2
297.0-297.9	0	0	0	0	0	1	0	3	1	1	1
298.0-298.9	0	0	0	0	0	0	1	0	1	0	1
299.0-299.9	0	0	0	0	0	0	0	1	0	1	4
300.0-300.9	0	0	0	0	0	0	0	0	0	0	4
301.0-301.9	0	0	0	0	0	0	0	1	0	0	2
302.0-302.9	0	0	0	0	0	0	0	0	0	0	2
303.0-303.9	0	0	0	0	0	0	0	1	0	0	0
308.0-308.9	0	0	0	0	0	0	0	0	0	0	2
309.0-309.9	0	0	0	0	0	0	0	0	0	0	2
TOTAL # FISH	262	593	693	1284	542	860	748	511	518	636	1296

TOTAL CATCH(MT)	81	191	234	431	200	340	295	208	213	256	558
TASK1 MT OR # FISH	258	598	703	1289	540	862	751	513	214	259	558
# FISH(ORIG.REC)	262.0	593.0	693.0	1284.	542.0	860.0	748.0	511.0	518.0	636.0	1296.
MT(ORIGINAL REC)	81.06	190.8	233.8	431.1	199.6	339.9	295.0	208.4	212.9	255.9	557.7
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	249.3	256.5	257.0	259.7	267.8	269.7	270.1	273.1	273.6	274.8	278.6
MEAN WEIGHT (KG)	309.4	321.8	337.4	335.7	368.2	395.3	394.4	407.9	411.1	402.4	430.3

AREA WEST
COUNTRY CUBA
GEAR LL

YEAR	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2
126.0-127.9	0	0	38	80	11	0
128.0-129.9	0	0	94	201	28	0
130.0-131.9	3	0	95	202	28	0
132.0-133.9	8	0	103	220	30	0
134.0-135.9	11	0	103	220	30	0
136.0-137.9	0	0	10	22	3	0
140.0-141.9	11	0	0	0	0	0
146.0-147.9	19	0	6	13	2	0
148.0-149.9	4	0	123	262	36	0
150.0-151.9	2	0	92	197	27	0
152.0-153.9	7	0	0	0	0	0
154.0-155.9	7	0	242	515	71	0
156.0-157.9	18	0	403	858	118	0
158.0-159.9	7	0	20	43	6	0
160.0-161.9	4	0	0	0	0	0
164.0-165.9	7	0	0	0	0	0
166.0-167.9	4	0	71	152	37	0
168.0-169.9	0	0	151	320	81	0
170.0-171.9	8	0	0	0	11	0
172.0-173.9	3	0	0	0	0	0
174.0-175.9	4	0	0	0	0	0
176.0-177.9	8	0	0	0	0	0
178.0-179.9	0	60	222	0	0	0
180.0-181.9	16	0	0	0	0	0
182.0-183.9	26	60	222	0	0	0
184.0-185.9	37	0	0	0	0	0
186.0-187.9	65	0	0	0	0	0
188.0-189.9	57	60	222	0	0	0
190.0-191.9	43	120	444	0	0	0
192.0-193.9	72	0	101	215	29	0
194.0-195.9	66	180	787	258	35	0
196.0-197.9	45	120	613	360	49	0
198.0-199.9	84	0	444	944	259	123
200.0-201.9	63	120	718	585	80	0
202.0-203.9	26	421	1930	803	110	0
204.0-205.9	24	120	710	567	78	0
206.0-207.9	35	60	349	271	166	123
208.0-209.9	25	60	573	747	102	0
210.0-211.9	13	60	431	446	61	0
212.0-213.9	21	120	789	734	165	62
214.0-215.9	0	60	542	682	196	43
216.0-217.9	11	120	444	0	186	80
218.0-219.9	0	120	444	0	35	0
220.0-221.9	11	60	222	0	0	0
222.0-223.9	23	120	444	0	29	9
224.0-225.9	0	120	444	0	189	76
226.0-227.9	11	0	0	0	40	39
228.0-229.9	44	0	0	0	65	62
230.0-231.9	1	120	444	0	0	0
232.0-233.9	0	120	444	0	0	0
234.0-235.9	0	60	222	0	129	123
238.0-239.9	0	0	0	0	129	123
244.0-245.9	0	0	0	0	9	9
246.0-247.9	0	0	0	0	55	53
256.0-257.9	0	60	222	0	0	0
TOTAL # FISH	954	2523	13976	9914	2714	924

TOTAL CATCH(MT)		139	465	2352	1351	468	200
TASK I MT OR # FISH		139	465	2352	1351	468	200
# FISH(ORIG.REC)	84.00	42.00	63.00	21.00	42.00	15.00	
MT(ORIGINAL REC)	12.23	7.740	10.60	2.862	7.242	3.246	
RAISING FACTOR	11.37	60.07	221.8	472.1	64.62	61.62	
MEAN LENGTH (CM)	192.9	210.0	202.3	186.8	203.0	222.2	
MEAN WEIGHT (KG)	145.6	184.3	168.3	136.3	172.4	216.4	

AREA WEST
COUNTRY DOMIN.R.
GEAR SURF

YEAR	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2
44.0- 45.9	0	0	0	0	0	0	0	0	0
46.0- 47.9	0	1	0	0	0	0	0	0	0
48.0- 49.9	0	2	0	0	0	0	0	0	0
50.0- 51.9	0	2	0	0	0	0	0	0	0
52.0- 53.9	4	2	0	0	0	0	0	0	0
54.0- 55.9	0	2	0	0	0	0	0	0	0
56.0- 57.9	0	2	0	0	0	0	0	0	0
58.0- 59.9	2	3	0	0	0	0	1	1	1
60.0- 61.9	1	18	0	0	0	0	0	0	1
62.0- 63.9	0	18	0	0	0	0	0	0	3
64.0- 65.9	0	18	0	0	0	0	0	1	1
66.0- 67.9	1	18	0	0	0	1	0	1	2
68.0- 69.9	0	22	0	0	0	1	1	0	6
70.0- 71.9	0	26	0	0	0	0	1	0	2
72.0- 73.9	0	26	0	1	0	1	0	0	4
74.0- 75.9	0	27	0	1	0	0	0	0	11
76.0- 77.9	2	53	0	0	0	0	0	0	2
78.0- 79.9	3	53	0	1	0	1	0	2	8
80.0- 81.9	3	55	0	0	0	0	0	0	0
82.0- 83.9	6	91	0	1	0	1	1	1	8
84.0- 85.9	10	90	0	2	0	1	1	2	17
86.0- 87.9	9	68	0	1	0	2	1	1	10
88.0- 89.9	8	35	0	2	1	2	4	4	13
90.0- 91.9	6	33	0	2	1	1	2	1	9
92.0- 93.9	6	9	0	3	2	1	3	0	13
94.0- 95.9	2	12	0	3	3	3	3	5	48
96.0- 97.9	2	6	0	7	4	5	4	6	38
98.0- 99.9	5	2	0	4	4	6	4	17	68
100.0-101.9	3	1	0	4	4	2	2	10	27
102.0-103.9	2	2	0	2	4	6	3	6	22
104.0-105.9	2	7	0	3	4	3	2	5	19
106.0-107.9	2	20	0	3	5	3	3	10	4
108.0-109.9	4	32	0	6	6	7	5	10	18
110.0-111.9	8	39	0	5	5	4	6	3	4
112.0-113.9	13	39	0	5	5	9	8	6	15
114.0-115.9	16	28	0	8	6	6	7	14	35
116.0-117.9	22	15	0	5	4	5	12	5	12
118.0-119.9	17	9	0	6	3	10	12	15	35
120.0-121.9	12	5	0	3	2	5	6	5	14
122.0-123.9	6	5	0	2	1	5	2	1	17
124.0-125.9	7	5	0	6	2	7	4	8	22
126.0-127.9	5	8	0	2	1	7	7	4	18
128.0-129.9	5	11	0	5	1	7	3	6	30
130.0-131.9	6	13	0	1	1	4	2	1	14
132.0-133.9	9	12	0	1	1	4	2	1	10
134.0-135.9	7	16	0	4	1	5	3	3	14
136.0-137.9	13	22	0	1	1	4	3	2	5
138.0-139.9	19	5	4	3	2	10	7	4	13
140.0-141.9	13	1	0	1	1	7	4	4	10
142.0-143.9	15	0	0	1	1	4	5	3	5
144.0-145.9	11	4	0	1	2	9	6	5	16
146.0-147.9	6	0	0	0	1	7	6	5	5
148.0-149.9	10	1	0	1	2	6	12	9	39
150.0-151.9	3	0	0	1	2	4	7	5	8
152.0-153.9	6	0	0	0	1	3	14	6	12
154.0-155.9	4	1	0	1	2	2	16	9	18
156.0-157.9	5	2	0	1	1	2	6	2	8
158.0-159.9	1	0	0	1	1	5	12	8	19
160.0-161.9	1	4	0	0	1	3	6	4	13
162.0-163.9	0	4	0	0	1	3	9	3	13
164.0-165.9	3	14	0	0	1	4	13	7	14
166.0-167.9	4	22	0	0	1	3	10	10	9
168.0-169.9	6	1	0	1	1	2	16	11	15
170.0-171.9	1	12	0	0	0	2	8	6	8
172.0-173.9	7	44	0	0	0	1	8	16	6
174.0-175.9	16	7	0	0	0	1	11	27	17
176.0-177.9	8	14	0	0	0	0	4	20	5
178.0-179.9	1	11	3	0	1	2	12	32	24
180.0-181.9	8	0	0	0	0	0	5	14	8
182.0-183.9	16	0	0	0	0	1	4	15	4
184.0-185.9	18	11	1	0	0	1	6	24	14
186.0-187.9	38	3	1	0	0	1	5	12	8
188.0-189.9	21	5	4	1	0	2	5	19	17
190.0-191.9	25	9	2	0	0	0	3	8	4
192.0-193.9	10	25	0	1	0	0	1	4	3
194.0-195.9	39	30	2	1	0	1	2	13	17
196.0-197.9	32	11	2	3	0	1	2	6	2
198.0-199.9	23	24	7	1	0	2	4	12	17
200.0-201.9	13	2	2	2	0	0	1	2	0
202.0-203.9	25	15	3	2	0	1	2	3	3
204.0-205.9	10	9	13	1	0	1	2	3	4
206.0-207.9	3	14	5	1	0	1	2	2	3
208.0-209.9	14	11	7	1	0	2	3	7	8
210.0-211.9	3	9	4	1	0	0	2	4	1
212.0-213.9	2	13	3	1	0	1	2	1	2
214.0-215.9	3	16	6	1	0	1	3	4	9
216.0-217.9	7	12	4	1	0	0	2	1	3
218.0-219.9	8	9	7	3	1	4	6	5	10
220.0-221.9	6	13	4	1	0	1	2	1	1
222.0-223.9	11	11	5	2	0	0	2	3	5
224.0-225.9	16	20	7	3	0	3	8	4	7
226.0-227.9	0	5	4	2	0	1	5	2	3
228.0-229.9	12	18	8	6	1	6	12	9	12
230.0-231.9	10	13	4	3	1	1	6	3	5
232.0-233.9	21	4	4	3	1	1	5	2	4
234.0-235.9	10	8	8	6	2	5	14	8	7
236.0-237.9	5	14	6	5	1	2	10	4	5
238.0-239.9	9	18	11	6	3	12	20	14	6
240.0-241.9	0	11	4	3	2	2	6	10	2
242.0-243.9	3	5	6	4	2	2	6	3	6
244.0-245.9	6	10	10	5	3	10	18	17	11

246.0-247.9	0	5	6	4	2	4	10	15	11
248.0-249.9	4	6	6	5	3	16	27	17	12
250.0-251.9	5	2	2	4	2	4	9	13	6
252.0-253.9	0	1	1	2	2	3	7	12	6
254.0-255.9	3	5	5	3	3	11	14	19	8
256.0-257.9	6	2	2	1	1	8	9	10	9
258.0-259.9	0	7	8	4	3	15	14	17	8
260.0-261.9	9	1	1	1	1	4	4	9	7
262.0-263.9	1	1	1	2	1	6	5	9	9
264.0-265.9	2	2	3	1	2	9	11	6	5
266.0-267.9	0	1	1	2	1	4	5	8	7
268.0-269.9	0	2	2	2	1	8	10	8	18
270.0-271.9	0	0	0	0	0	2	3	5	2
272.0-273.9	0	0	0	0	1	2	3	2	5
274.0-275.9	0	0	0	0	0	4	6	4	9
276.0-277.9	0	0	0	0	0	1	2	1	5
278.0-279.9	0	0	0	0	0	3	4	4	12
280.0-281.9	0	0	0	0	0	1	1	1	1
282.0-283.9	0	0	0	0	0	1	1	1	2
284.0-285.9	0	0	0	0	0	1	2	1	9
286.0-287.9	0	0	0	0	0	0	1	0	0
288.0-289.9	0	0	0	0	0	1	2	2	5
290.0-291.9	0	0	0	0	0	0	0	0	0
292.0-293.9	0	0	0	0	0	0	0	0	3
294.0-295.9	0	0	0	0	0	0	0	0	3
296.0-297.9	0	0	0	0	0	0	0	0	1
298.0-299.9	0	0	0	0	0	0	1	0	0
300.0-301.9	0	0	0	0	0	0	0	0	0
302.0-303.9	0	0	0	0	0	0	0	0	0
304.0-305.9	0	0	0	0	0	0	0	0	2
306.0-309.9	0	0	0	0	0	0	0	0	2
310.0-311.9	0	0	0	0	0	0	0	0	0
312.0-313.9	0	0	0	0	0	0	0	0	1
314.0-315.9	0	0	0	0	0	0	0	0	1
316.0-319.9	0	0	0	0	0	0	0	0	2
322.0-323.9	0	0	0	0	0	0	0	0	1
324.0-325.9	0	0	0	0	0	0	0	0	1
TOTAL # FISH	819	1537	204	215	137	373	629	751	1254

TOTAL CATCH(MT)	100	117	46	30	16	61	109	121	141
TASK I MT OR # FISH	100	117	46	30	16	61	109	121	141
# FISH(ORIG.REC)	6288.	.1158E+05	7795.	.2428E+05	.3058E+05	.1975E+05	.1855E+05	.2813E+05	.3604E+05
MT(ORIGINAL REC)	767.4	881.7	1750.	3383.	3567.	3226.	3210.	4528.	4050.
RAISING FACTOR	.1300	.1300	.3000E-01	.1000E-01	0.	.2000E-01	.3000E-01	.3000E-01	.3000E-01
MEAN LENGTH (CM)	172.0	132.7	222.2	171.2	157.8	183.3	192.5	188.0	156.9
MEAN WEIGHT (KG)	122.0	76.12	224.5	139.4	116.7	163.3	173.1	160.9	112.4

AREA WEST
COUNTRY GRENADA
GEAR UNCL

YEAR	70	71	72	73	74	75	76	77	78	79	80
QUARTER	2	2	2	2	2	2	2	2	2	2	2
44.0- 45.9	0	0	0	0	0	0	0	0	0	0	0
46.0- 47.9	0	0	0	0	0	0	0	0	0	0	0
48.0- 49.9	0	0	0	0	1	0	0	0	0	0	0
50.0- 51.9	0	0	0	0	1	0	0	0	0	0	0
52.0- 53.9	0	0	2	4	1	0	0	0	0	0	0
54.0- 55.9	0	0	0	0	1	0	1	0	0	0	0
56.0- 57.9	0	0	0	0	1	0	0	1	0	0	0
58.0- 59.9	0	0	0	2	1	0	0	0	0	0	0
60.0- 61.9	0	0	2	1	8	0	0	0	0	0	0
62.0- 63.9	0	2	3	0	8	0	0	0	0	0	0
64.0- 65.9	0	2	8	0	8	0	0	1	0	0	0
66.0- 67.9	0	2	0	1	8	0	0	0	1	0	0
68.0- 69.9	0	2	0	0	10	0	2	1	1	0	0
70.0- 71.9	0	1	0	0	11	0	1	1	1	0	0
72.0- 73.9	0	0	0	0	11	0	2	1	1	0	0
74.0- 75.9	0	0	0	0	12	0	3	1	1	0	0
76.0- 77.9	0	0	0	2	23	0	0	1	0	0	0
78.0- 79.9	0	0	0	3	23	0	3	1	1	0	0
80.0- 81.9	0	0	0	3	24	0	1	1	1	0	0
82.0- 83.9	0	6	0	6	40	0	3	1	1	0	0
84.0- 85.9	0	8	9	10	39	0	7	2	1	1	0
86.0- 87.9	0	2	11	9	29	0	5	1	2	1	0
88.0- 89.9	0	3	10	8	15	0	7	4	2	2	1
90.0- 91.9	0	3	9	6	14	0	6	6	2	1	0
92.0- 93.9	0	3	9	6	4	0	11	9	2	2	0
94.0- 95.9	0	1	2	2	5	0	11	15	3	2	1
96.0- 97.9	0	0	0	2	2	1	22	18	6	2	1
98.0- 99.9	0	0	2	5	1	0	13	15	8	2	3
100.0-101.9	0	0	0	3	1	0	13	16	3	1	1
102.0-103.9	0	0	0	2	1	0	7	19	7	1	1
104.0-105.9	0	0	0	2	3	1	10	18	4	1	1
106.0-107.9	0	0	0	2	9	0	10	21	4	1	2
108.0-109.9	0	0	0	4	14	0	18	25	9	2	2
110.0-111.9	0	0	0	8	17	0	15	23	5	3	0
112.0-113.9	0	2	0	13	17	0	17	24	11	4	1
114.0-115.9	0	5	0	16	12	1	28	27	7	4	2
116.0-117.9	0	2	2	22	7	0	18	16	7	6	1
118.0-119.9	0	2	2	17	4	1	21	13	13	6	2
120.0-121.9	0	1	2	12	2	1	10	8	6	3	1
122.0-123.9	0	0	2	6	2	1	7	6	6	1	0
124.0-125.9	0	0	2	7	2	1	19	8	9	2	1
126.0-127.9	0	1	1	5	3	0	6	5	9	3	1
128.0-129.9	0	1	0	5	5	1	18	6	9	1	1
130.0-131.9	0	0	1	6	6	0	5	4	5	1	0
132.0-133.9	0	0	2	9	5	0	4	3	5	1	0
134.0-135.9	0	0	2	7	7	1	13	5	6	2	0
136.0-137.9	0	1	3	13	10	0	4	5	5	1	0
138.0-139.9	0	0	8	19	2	10	11	7	12	3	1
140.0-141.9	0	0	44	13	0	0	2	5	8	2	1
142.0-143.9	0	0	6	15	0	0	2	3	6	3	0
144.0-145.9	0	2	6	11	2	0	4	7	11	3	1
146.0-147.9	0	9	2	6	0	0	1	5	8	3	1
148.0-149.9	0	7	5	10	1	0	3	8	7	6	1
150.0-151.9	0	2	9	3	0	0	2	7	5	4	1
152.0-153.9	0	3	3	6	0	0	1	6	4	7	1
154.0-155.9	0	3	2	4	0	0	4	9	3	8	1
156.0-157.9	0	4	2	5	1	0	3	4	2	3	0
158.0-159.9	0	7	2	1	0	0	3	6	6	6	1
160.0-161.9	0	8	1	1	2	0	1	3	4	3	1
162.0-163.9	0	8	1	0	2	0	0	3	4	4	1
164.0-165.9	0	7	2	3	6	0	1	3	5	6	1
166.0-167.9	0	14	2	4	10	0	1	3	3	5	1
168.0-169.9	0	18	4	6	0	1	2	2	3	8	2
170.0-171.9	0	14	0	1	5	0	0	1	2	4	1
172.0-173.9	0	15	11	7	19	0	0	1	1	4	2
174.0-175.9	0	17	10	16	3	1	1	1	1	5	4
176.0-177.9	0	33	5	8	6	0	0	0	0	2	3
176.0-179.9	0	20	0	1	5	7	1	2	3	6	5
180.0-181.9	0	28	5	8	0	0	0	1	0	3	2
182.0-183.9	0	30	11	16	0	0	0	0	1	2	2
184.0-185.9	0	30	19	18	5	1	1	1	1	3	4
186.0-187.9	0	17	62	38	1	3	1	0	1	2	2
188.0-189.9	0	17	51	21	2	8	2	1	2	2	3
190.0-191.9	0	18	15	25	4	5	1	0	0	2	1
192.0-193.9	0	22	6	10	11	1	2	0	1	1	1
194.0-195.9	0	20	23	39	13	5	3	2	1	1	2
196.0-197.9	0	16	57	32	5	4	9	0	1	1	1
198.0-199.9	62	11	16	23	11	16	3	2	2	2	2
200.0-201.9	0	10	8	13	1	3	6	1	0	1	0
202.0-203.9	0	13	15	25	6	7	6	1	1	1	1
204.0-205.9	0	12	13	10	4	28	3	1	1	1	0
206.0-207.9	62	12	4	3	6	10	2	1	1	1	0
208.0-209.9	0	29	10	14	5	15	3	1	2	2	1
210.0-211.9	0	17	4	3	4	8	2	1	0	1	1
212.0-213.9	31	6	4	2	6	6	3	1	1	1	0
214.0-215.9	21	8	4	3	7	13	3	1	2	2	1
216.0-217.9	40	14	6	7	5	8	5	1	1	1	0
218.0-219.9	0	10	7	8	4	16	9	3	5	3	1
220.0-221.9	0	9	9	6	6	9	2	2	1	1	0
222.0-223.9	5	20	8	11	5	10	7	1	0	1	0
224.0-225.9	38	11	13	16	9	14	9	2	3	4	1
226.0-227.9	19	10	3	0	2	8	8	2	1	2	0
228.0-229.9	31	9	7	12	8	18	21	4	8	6	1
230.0-231.9	0	5	6	10	5	9	11	3	1	3	1
232.0-233.9	0	6	20	21	2	9	11	2	1	3	0
234.0-235.9	62	7	6	10	3	17	21	9	6	7	1
236.0-237.9	0	7	8	5	6	13	16	5	3	5	1
238.0-239.9	62	2	6	9	8	25	21	13	15	10	2
240.0-241.9	0	1	2	0	5	8	12	7	3	3	1
242.0-243.9	0	2	3	3	2	13	12	7	3	3	1
244.0-245.9	4	14	5	6	4	22	17	14	12	9	3

246.0-247.9	26	9	0	0	2	13	14	8	6	5	2
248.0-249.9	0	3	40	4	3	13	15	13	21	13	1
250.0-251.9	0	2	3	5	1	5	13	9	5	5	2
252.0-253.9	0	1	0	0	1	3	8	7	4	4	2
254.0-255.9	0	1	2	3	2	11	11	14	14	7	1
256.0-257.9	0	0	4	6	1	5	5	6	10	4	1
258.0-259.9	0	1	0	0	3	17	12	12	18	7	3
260.0-261.9	0	1	5	9	1	2	5	5	5	2	1
262.0-263.9	0	0	1	1	0	2	5	5	8	3	1
264.0-265.9	0	1	1	2	1	7	5	8	11	5	1
266.0-267.9	0	0	0	0	1	2	5	3	5	2	1
268.0-269.9	0	0	0	0	1	3	5	5	11	5	1
270.0-271.9	0	0	0	0	0	0	1	1	2	2	1
272.0-273.9	0	0	0	0	0	0	1	2	2	2	0
274.0-275.9	0	0	0	0	0	0	0	2	4	3	1
276.0-277.9	0	0	0	0	0	0	1	1	2	1	0
278.0-279.9	0	0	0	0	0	0	1	1	3	2	1
280.0-281.9	0	0	0	0	0	0	0	0	1	0	0
282.0-283.9	0	0	0	0	0	0	0	0	1	0	0
284.0-285.9	0	0	0	0	0	0	0	0	2	1	0
286.0-287.9	0	0	0	0	0	0	0	0	0	0	0
288.0-289.9	0	0	0	0	0	0	0	0	1	1	0
290.0-291.9	0	0	0	0	0	0	0	0	0	0	0
292.0-293.9	0	0	0	0	0	0	0	0	0	0	0
294.0-295.9	0	0	0	0	0	0	0	0	0	0	0
296.0-297.9	0	0	0	0	0	0	0	0	0	1	0
298.0-299.9	0	0	0	0	0	0	0	0	0	0	0
300.0-301.9	0	0	0	0	0	0	0	0	0	0	0
302.0-303.9	0	0	0	0	0	0	0	0	0	0	0
304.0-305.9	0	0	0	0	0	0	0	0	0	0	0
310.0-311.9	0	0	0	0	0	0	0	0	0	0	0
328.0-329.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	462	696	691	819	670	445	717	608	471	306	111

TOTAL CATCH(MT)	100	100	100	100	51	100	100	71	77	53	18
TASKI MT OR # FISH	100	100	100	100	51	100	100	71	77	53	18
# FISH(ORIG.REC)	15.00	7125.	1337.	6288.	.1158E+05	7795.	.2428E+05	.3058E+05	.1975E+05	.1855E+05	.2813E+05
MT(ORIGINAL REC)	3.246	1023.	193.3	767.4	881.7	1750.	3383.	3567.	3226.	3210.	4528.
RAISING FACTOR	30.81	.1000	.5200	.1300	.6000E-01	.6000E-01	.3000E-01	.2000E-01	.2000E-01	.2000E-01	0.
MEAN LENGTH (CM)	222.2	188.2	185.0	172.0	132.7	222.2	171.2	157.8	183.3	192.5	188.0
MEAN WEIGHT (KG)	216.4	143.6	144.6	122.0	76.12	224.5	139.4	116.7	163.3	173.1	160.9

AREA WEST
COUNTRY GRENADA
GEAR UNCL

YEAR 81
QUARTER 2

58.0- 59.9	0
60.0- 61.9	0
62.0- 63.9	0
64.0- 65.9	0
66.0- 67.9	0
68.0- 69.9	1
70.0- 71.9	0
72.0- 73.9	1
74.0- 75.9	1
76.0- 77.9	0
78.0- 79.9	1
82.0- 83.9	1
84.0- 85.9	2
86.0- 87.9	1
88.0- 89.9	2
90.0- 91.9	1
92.0- 93.9	2
94.0- 95.9	6
96.0- 97.9	5
98.0- 99.9	8
100.0-101.9	3
102.0-103.9	3
104.0-105.9	2
106.0-107.9	1
108.0-109.9	2
110.0-111.9	1
112.0-113.9	2
114.0-115.9	4
116.0-117.9	2
118.0-119.9	4
120.0-121.9	2
122.0-123.9	2
124.0-125.9	3
126.0-127.9	2
128.0-129.9	4
130.0-131.9	2
132.0-133.9	1
134.0-135.9	2
136.0-137.9	1
138.0-139.9	2
140.0-141.9	1
142.0-143.9	1
144.0-145.9	2
146.0-147.9	1
148.0-149.9	5
150.0-151.9	1
152.0-153.9	1
154.0-155.9	2
156.0-157.9	1
158.0-159.9	2
160.0-161.9	2
162.0-163.9	2
164.0-165.9	2
166.0-167.9	1
168.0-169.9	2
170.0-171.9	1
172.0-173.9	1
174.0-175.9	2
176.0-177.9	1
178.0-179.9	3
180.0-181.9	1
182.0-183.9	1
184.0-185.9	2
186.0-187.9	1
188.0-189.9	2
190.0-191.9	1
192.0-193.9	0
194.0-195.9	2
196.0-197.9	0
198.0-199.9	2
202.0-203.9	0
204.0-205.9	1
206.0-207.9	0
208.0-209.9	1
210.0-211.9	0
212.0-213.9	0
214.0-215.9	1
216.0-217.9	0
218.0-219.9	1
220.0-221.9	0
222.0-223.9	1
224.0-225.9	1
226.0-227.9	0
228.0-229.9	1
230.0-231.9	1
232.0-233.9	1
234.0-235.9	1
236.0-237.9	1
238.0-239.9	1
240.0-241.9	0
242.0-243.9	1
244.0-245.9	1
246.0-247.9	1
248.0-249.9	1
250.0-251.9	1
252.0-253.9	1
254.0-255.9	1
256.0-257.9	1
258.0-259.9	1
260.0-261.9	1
262.0-263.9	1
264.0-265.9	1
266.0-267.9	1
268.0-269.9	2
270.0-271.9	0
272.0-273.9	1
274.0-275.9	1
276.0-277.9	1
278.0-279.9	2
280.0-281.9	0
282.0-283.9	0
284.0-285.9	1
288.0-289.9	1
292.0-293.9	0
294.0-295.9	0
296.0-297.9	0
304.0-305.9	0
308.0-309.9	0
312.0-313.9	0
314.0-315.9	0
318.0-319.9	0
322.0-323.9	0
324.0-325.9	0
TOTAL # FISH	151

TOTAL CATCH(MT)	17
TASKI MT OR # FISH	17
# FISH(ORIG.REC)	.3604E+05
MT(ORIGINAL REC)	4050.
RAISING FACTOR	0.
MEAN LENGTH (CM)	156.9
MEAN WEIGHT (KG)	112.4

AREA WEST
COUNTRY JAPAN
GEAR LL

	YEAR										
YEAR	60	60	60	60	61	61	61	61	62	62	62
QUARTER	1	2	3	4	1	2	3	4	1	2	3
130.0-131.9	1	7	5	8	4	1	2	6	15	19	44
132.0-133.9	3	20	14	23	12	2	5	17	41	54	123
134.0-135.9	4	27	19	31	16	3	7	23	55	73	167
140.0-141.9	4	27	19	31	16	3	7	23	55	73	167
146.0-147.9	6	46	31	52	27	5	11	38	92	122	278
148.0-149.9	1	9	6	10	5	1	2	8	18	24	56
150.0-151.9	1	5	3	6	3	1	1	4	10	13	30
152.0-153.9	2	16	11	18	9	2	4	13	33	43	98
154.0-155.9	2	16	11	19	10	2	4	14	33	44	100
156.0-157.9	6	44	30	50	26	5	11	37	89	117	266
158.0-159.9	2	18	12	20	10	2	4	15	36	47	107
160.0-161.9	1	11	7	12	6	1	3	9	21	28	64
162.0-163.9	2	17	12	19	10	2	4	14	34	45	103
164.0-165.9	1	10	7	12	6	1	3	9	21	28	63
166.0-167.9	0	1	1	1	1	0	0	1	2	3	6
170.0-171.9	3	20	14	23	12	2	5	17	41	54	124
172.0-173.9	1	6	4	7	4	1	1	5	12	16	37
174.0-175.9	1	8	6	10	5	1	2	7	17	23	51
176.0-177.9	2	19	13	22	11	2	5	16	38	51	116
178.0-179.9	5	37	26	42	22	4	9	31	75	99	227
180.0-181.9	8	62	42	71	37	7	16	52	126	166	378
182.0-183.9	12	89	61	101	53	10	22	74	180	237	540
184.0-185.9	21	157	107	178	93	18	39	130	316	417	952
186.0-187.9	18	137	93	156	81	16	34	114	276	364	831
188.0-189.9	14	104	71	118	61	12	26	86	209	276	630
190.0-191.9	23	175	119	199	103	20	44	145	353	466	1062
192.0-193.9	21	159	108	180	94	18	40	132	320	422	964
194.0-195.9	14	109	75	124	65	13	27	91	220	291	663
196.0-197.9	27	204	139	232	121	24	51	170	412	544	1240
198.0-199.9	20	152	104	173	90	18	38	127	307	405	925
200.0-201.9	8	63	43	72	37	7	16	53	128	168	384
202.0-203.9	8	58	39	66	34	7	15	48	116	154	351
204.0-205.9	11	84	57	95	50	10	21	70	169	223	509
206.0-207.9	8	61	41	69	36	7	15	50	122	161	368
208.0-209.9	4	31	21	35	18	4	8	25	62	81	185
210.0-211.9	7	50	34	57	30	6	13	42	102	134	306
212.0-213.9	4	27	19	31	16	3	7	23	55	73	167
216.0-217.9	3	26	18	29	15	3	6	22	52	69	157
220.0-221.9	7	57	39	64	33	7	14	47	114	151	344
222.0-223.9	4	27	19	31	16	3	7	23	55	73	167
226.0-227.9	14	107	73	121	63	12	27	89	215	284	646
228.0-229.9	0	3	2	4	2	0	1	3	7	9	20
230.0-231.9	303	2310	1574	2624	1363	265	579	1916	4657	6145	14020
TOTAL # FISH											

TOTAL CATCH(MT)	42	313	203	360	196	37	74	264	630	856
TASK I MT OR # FISH	305	2312	1576	2626	1365	267	581	1918	4659	6146
# FISH(ORIG.REC)	6819.	6819.	6819.	6819.	4131.	4131.	4131.	4131.	.5397E+05	.5397E+05
MT(ORIGINAL REC)	922.8	922.8	922.8	922.8	575.9	575.9	575.9	575.9	7225.	7225.
RAISING FACTOR	.4551E-01	.3392	.2200	.3901	.3403	.6425E-01	.1285	.4584	.8720E-01	.1185
MEAN LENGTH (CM)	192.9	192.9	192.9	192.9	192.9	192.9	192.9	192.9	192.9	192.9
MEAN WEIGHT (KG)	140.9	135.9	129.9	137.5	144.6	141.8	129.0	138.5	135.4	139.6

AREA WEST
COUNTRY JAPAN
GEAR LL

YEAR	62	63	63	63	63	64	64	64	64	65
QUARTER	4	1	2	3	4	1	2	3	4	1
130.0-131.9	91	25	129	22	33	0	0	0	0	26
132.0-133.9	256	70	363	62	93	0	0	0	0	73
134.0-135.9	347	95	492	84	126	0	0	0	0	100
140.0-141.9	347	95	492	84	126	0	0	0	0	100
146.0-147.9	578	158	820	140	209	0	0	0	0	170
148.0-149.9	116	32	164	28	42	0	0	0	0	35
150.0-151.9	61	17	87	15	22	51	97	3	5	19
152.0-153.9	204	56	289	49	74	170	325	9	18	62
154.0-155.9	208	57	295	50	75	173	331	9	18	63
156.0-157.9	557	152	790	135	202	175	335	9	18	170
158.0-159.9	223	61	317	54	81	186	355	10	19	68
160.0-161.9	134	37	190	32	49	112	214	6	12	41
164.0-165.9	215	59	305	52	78	179	343	10	19	66
166.0-167.9	131	36	187	32	48	110	210	6	11	40
168.0-169.9	13	3	18	3	5	11	20	1	1	4
170.0-171.9	257	70	364	62	93	214	409	11	22	78
172.0-173.9	77	21	109	19	28	64	123	3	7	23
174.0-175.9	107	29	151	26	39	89	170	5	9	33
176.0-177.9	240	66	341	58	87	200	382	11	21	73
180.0-181.9	472	129	669	114	171	393	751	21	41	144
182.0-183.9	786	215	1115	190	285	655	1251	35	69	239
184.0-185.9	1123	307	1593	272	407	936	1788	50	98	342
186.0-187.9	1979	541	2806	479	717	1649	3150	88	173	603
188.0-189.9	1728	473	2451	418	626	1440	2751	77	151	526
190.0-191.9	1309	358	1856	317	474	1091	2084	58	114	399
192.0-193.9	2208	604	3131	534	800	1840	3515	98	193	672
194.0-195.9	2003	548	2841	485	726	1669	3189	89	175	610
196.0-197.9	1379	377	1956	334	499	1149	2195	61	120	420
198.0-199.9	2578	705	3655	624	934	2148	4103	115	225	785
200.0-201.9	1923	526	2728	465	697	1314	2509	70	137	586
202.0-203.9	798	218	1132	193	289	665	1270	36	70	243
204.0-205.9	729	199	1033	176	264	607	1160	32	64	222
206.0-207.9	1058	290	1501	256	383	882	1685	47	92	322
208.0-209.9	765	209	1085	185	277	638	1218	34	67	233
210.0-211.9	385	105	547	93	140	321	614	17	34	117
212.0-213.9	636	174	902	154	230	241	460	13	25	194
216.0-217.9	347	95	492	84	126	0	0	0	0	106
220.0-221.9	327	89	463	79	118	272	520	15	28	99
222.0-223.9	714	195	1013	173	259	306	585	16	32	218
226.0-227.9	347	95	492	84	126	0	0	0	0	106
228.0-229.9	1347	369	1910	326	488	544	1040	29	57	410
230.0-231.9	41	11	58	10	15	34	65	2	4	12
TOTAL # FISH	29145	7972	41333	7052	10557	20529	39215	1097	2147	8874
TOTAL CATCH(MT)	3909	1157	5990	919	1431	2995	5744	145	302	1274
CALC MT OR # FISH	29147	7974	41335	7054	10559	20531	39217	1099	2149	8877
# FISH(ORIG.REC)	.5397E+05	.6652E+05	.6652E+05	.6652E+05	.6652E+05	.6300E+05	.6300E+05	.6300E+05	.6300E+05	.6000E+05
MT(ORIGINAL REC)	7225.	9444.	9444.	9444.	9444.	9186.	9186.	9186.	9186.	8681.
RAISING FACTOR	.5411	.1225	.6343	.9731E-01	.1515	.3260	.6253	.1578E-01	.3288E-01	.1473
MEAN LENGTH (CM)	192.9	192.9	192.9	192.9	192.9	194.4	194.4	194.4	194.4	192.9
MEAN WEIGHT (KG)	134.2	145.2	145.0	130.5	135.7	145.9	146.5	132.9	141.1	144.2

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AREA WEST
COUNTRY JAPAN
GEAR LL

	YEAR										
YEAR	65	65	66	66	66	66	67	67	67	67	68
QUARTER	3	4	1	2	3	4	1	2	3	4	1
126.0-127.9	0	0	0	0	0	0	0	9	0	0	0
128.0-129.9	0	0	4	32	15	4	0	22	1	1	0
130.0-131.9	3	3	0	0	0	0	0	22	1	1	0
132.0-133.9	8	7	0	0	0	0	0	24	1	1	0
134.0-135.9	11	10	0	0	0	0	0	24	1	1	0
136.0-137.9	0	0	0	0	0	0	0	2	0	0	0
140.0-141.9	11	10	0	0	0	0	0	0	0	0	0
146.0-147.9	18	16	0	0	0	0	0	1	0	0	0
148.0-149.9	4	3	0	0	0	0	0	28	1	1	0
150.0-151.9	2	2	0	0	0	0	0	21	1	1	0
152.0-153.9	6	6	0	0	0	0	0	0	0	0	0
154.0-155.9	6	6	4	32	15	4	1	56	2	2	1
156.0-157.9	17	16	0	0	0	0	1	93	3	3	1
158.0-159.9	7	6	0	0	0	0	0	5	0	0	0
160.0-161.9	4	4	0	0	0	0	0	0	0	0	0
164.0-165.9	7	6	0	0	0	0	0	0	0	0	0
166.0-167.9	4	4	0	0	0	0	0	16	0	0	0
168.0-169.9	0	0	0	0	0	0	0	35	1	1	0
170.0-171.9	8	7	0	0	0	0	0	0	0	0	0
172.0-173.9	2	2	0	0	0	0	0	0	0	0	0
174.0-175.9	3	3	0	0	0	0	0	0	0	0	0
176.0-177.9	7	7	0	0	0	0	0	0	0	0	0
178.0-179.9	0	0	13	492	7	2	0	51	2	1	0
180.0-181.9	15	13	0	0	0	0	0	0	0	0	0
182.0-183.9	24	22	13	492	7	2	0	51	2	1	0
184.0-185.9	35	32	0	0	0	0	0	0	0	0	0
186.0-187.9	62	56	0	0	0	0	0	0	0	0	0
188.0-189.9	54	49	13	492	7	2	0	51	2	1	0
190.0-191.9	41	37	27	984	14	4	1	102	3	3	0
192.0-193.9	69	63	0	0	0	0	0	23	1	1	0
194.0-195.9	62	57	40	1476	22	6	2	181	5	5	0
196.0-197.9	43	39	27	984	14	4	1	141	4	4	1
198.0-199.9	80	73	0	0	0	0	1	102	3	3	1
200.0-201.9	60	55	31	1016	30	8	1	165	5	5	1
202.0-203.9	25	23	94	3444	51	13	4	444	13	12	1
204.0-205.9	23	21	27	984	14	4	1	163	5	4	1
206.0-207.9	33	30	18	524	23	6	1	80	2	2	0
208.0-209.9	24	22	26	588	54	15	1	132	4	4	1
210.0-211.9	12	11	22	556	38	11	1	99	3	3	1
212.0-213.9	20	18	31	1016	30	8	2	181	5	5	1
214.0-215.9	0	0	22	556	38	11	1	125	4	3	1
216.0-217.9	11	10	27	984	14	4	1	102	3	3	0
218.0-219.9	0	0	31	1016	30	8	1	102	3	3	0
220.0-221.9	10	9	13	492	7	2	0	51	2	1	0
222.0-223.9	22	20	31	1016	30	8	1	102	3	3	0
224.0-225.9	0	0	31	1016	30	8	1	102	3	3	0
226.0-227.9	11	10	8	64	31	9	0	0	0	0	0
228.0-229.9	42	38	4	32	15	4	0	0	0	0	0
230.0-231.9	1	1	27	984	14	4	1	102	3	3	0
232.0-233.9	0	0	35	1048	45	13	1	102	3	3	0
234.0-235.9	0	0	18	524	23	6	0	51	2	1	0
236.0-237.9	0	0	8	64	31	9	0	0	0	0	0
238.0-239.9	0	0	4	32	15	4	0	0	0	0	0
250.0-251.9	0	0	4	32	15	4	0	0	0	0	0
256.0-257.9	0	0	13	492	7	2	0	51	2	1	0
TOTAL # FISH	906	826	665	21466	689	188	28	3214	96	87	14
TOTAL CATCH(MT)	125	114	121	3951	123	33	4	540	16	14	1
TASK1 MT OR # FISH	906	828	667	21468	691	190	29	3215	97	88	15
# FISH(ORIG.REC)	.0000E+05	.0000E+05	.2300E+05	.2300E+05	.2300E+05	.2300E+05	3429.	3429.	3429.	3429.	1422.
MT(ORIGINAL REC)	8681.	8681.	4229.	4229.	4229.	4229.	577.0	577.0	577.0	577.0	193.0
RAISING FACTOR	.1440E-01	.1313E-01	.2861E-01	.9343	.2908E-01	.7803E-02	.1000E-01	.9400	.3000E-01	.3000E-01	.1000E-01
MEAN LENGTH (CM)	192.9	192.9	210.9	210.2	213.4	213.5	202.3	202.3	202.3	202.3	186.8
MEAN WEIGHT (KG)	138.6	138.7	183.4	184.1	181.1	180.9	168.3	168.3	168.3	168.3	136.3

AREA WEST
COUNTRY JAPAN
GEAR LL

YEAR	68	68	68	69	69	69	69	70	70	70	70
QUARTER	2	3	4	1	2	3	4	1	2	3	4
126.0-127.9	9	2	0	0	3	0	0	0	0	2	2
128.0-129.9	23	5	1	0	7	0	0	0	0	2	2
130.0-131.9	23	5	1	0	7	0	0	0	0	2	2
132.0-133.9	25	6	1	0	8	0	0	0	0	3	3
134.0-135.9	25	6	1	0	8	0	0	0	0	3	3
136.0-137.9	2	1	0	0	1	0	0	0	0	0	0
146.0-147.9	1	0	0	0	0	0	0	0	0	0	0
148.0-149.9	30	7	1	0	9	0	0	0	0	0	0
150.0-151.9	22	5	1	0	7	0	0	0	0	0	0
154.0-155.9	58	13	2	0	18	0	0	0	0	0	0
156.0-157.9	97	22	3	1	30	0	0	0	0	0	0
158.0-159.9	5	1	0	0	1	0	0	0	0	0	0
166.0-167.9	17	4	0	0	9	0	0	0	0	0	0
168.0-169.9	36	8	1	0	20	0	0	0	0	0	0
170.0-171.9	0	0	0	0	3	0	0	0	0	0	0
192.0-193.9	24	6	1	0	7	0	0	0	0	0	0
194.0-195.9	29	7	1	0	9	0	0	0	0	0	0
196.0-197.9	41	9	1	0	12	0	0	0	0	0	0
198.0-199.9	107	24	3	1	65	1	0	10	8	20	15
200.0-201.9	66	15	2	0	20	0	0	0	0	0	0
202.0-203.9	91	21	3	1	28	0	0	0	0	0	0
204.0-205.9	64	15	2	0	20	0	0	0	0	0	0
206.0-207.9	31	7	1	1	42	0	0	10	8	20	15
208.0-209.9	85	19	2	1	26	0	0	0	0	0	0
210.0-211.9	51	11	1	0	15	0	0	0	0	0	0
212.0-213.9	83	19	2	1	42	0	0	5	4	10	8
214.0-215.9	77	17	2	1	49	0	0	3	3	7	5
216.0-217.9	0	0	0	1	47	0	0	6	5	13	10
218.0-219.9	0	0	0	0	9	0	0	0	0	0	0
222.0-223.9	0	0	0	0	7	0	0	1	1	2	1
224.0-225.9	0	0	0	1	48	0	0	6	5	12	9
226.0-227.9	0	0	0	0	10	0	0	3	2	6	5
228.0-229.9	0	0	0	0	16	0	0	5	4	10	8
234.0-235.9	0	0	0	1	33	0	0	10	8	20	15
236.0-239.9	0	0	0	1	33	0	0	10	8	20	15
244.0-245.9	0	0	0	0	2	0	0	1	1	1	1
246.0-247.9	0	0	0	0	14	0	0	4	3	9	7
TOTAL # FISH	1121	253	30	13	685	5	3	71	56	151	115

TOTAL CATCH(MT)	152		34		4		2	118		0	0	15		12		32		24
TASKI MT OR # FISH	1122		254		31		14	686		6	4	72		57		152		116
# FISH(ORIG.REC)	1422.	1422.		1422.		710.0	710.0		710.0		710.0	710.0	397.0		397.0		397.0	
MT(ORIGINAL REC)	193.0	193.0		193.0		122.0	122.0		122.0		122.0	122.0	85.00		85.00		85.00	
RAISING FACTOR	.7900	.1800		.2000E-01		.2000E-01	.9700		.1000E-01		.1000E-01	.1A00	.1400		.3800		.2900	
MEAN LENGTH (CM)	186.8	186.8		186.8		203.0	203.0		203.0		203.0	222.2	222.2		222.2		222.2	
MEAN WEIGHT (KG)	136.3	136.3		136.3		172.4	172.4		172.4		172.4	216.4	216.4		216.4		216.4	

AREA WEST
COUNTRY JAPAN
GEAR LL

YEAR	71	71	71	71	72	72	72	72	73	73	73
QUARTER	1	2	3	4	1	2	3	4	1	2	3
52.0- 53.9	0	0	0	0	0	0	3	0	0	9	13
58.0- 59.9	0	0	0	0	0	0	0	0	0	14	0
60.0- 61.9	0	0	0	0	0	0	0	3	0	7	0
62.0- 63.9	0	1	15	0	0	0	0	5	0	0	0
64.0- 65.9	0	1	16	0	0	0	0	15	0	0	0
66.0- 67.9	0	1	16	0	0	0	0	0	0	7	0
68.0- 69.9	0	1	16	0	0	0	0	0	0	0	0
70.0- 71.9	0	1	9	0	0	0	0	0	0	0	0
76.0- 77.9	0	0	0	0	0	0	0	0	0	7	0
78.0- 79.9	0	0	3	0	0	0	0	0	0	0	0
80.0- 81.9	0	0	4	0	0	0	0	0	0	0	0
82.0- 83.9	0	0	4	58	0	0	0	0	0	0	0
84.0- 85.9	0	0	4	17	2	12	3	0	0	0	0
86.0- 87.9	0	0	5	20	3	15	4	0	0	0	0
88.0- 89.9	0	0	6	19	2	14	4	0	0	0	0
90.0- 91.9	0	1	10	16	2	12	3	0	0	0	0
92.0- 93.9	0	1	10	16	2	12	3	0	0	0	0
94.0- 95.9	0	0	2	3	0	2	1	0	0	0	0
96.0- 97.9	0	0	0	0	0	0	0	0	0	0	0
98.0- 99.9	0	0	0	0	0	0	3	0	0	2	13
100.0-101.9	0	0	0	0	0	0	0	0	0	0	0
102.0-103.9	0	0	0	0	0	0	0	0	0	0	0
104.0-105.9	0	0	0	0	0	0	0	0	0	0	0
106.0-107.9	0	0	0	0	0	0	0	0	0	0	0
108.0-109.9	0	0	0	0	0	0	0	0	0	0	0
110.0-111.9	0	0	0	0	0	0	0	0	0	4	0
112.0-113.9	0	2	22	0	0	0	0	0	0	5	0
114.0-115.9	0	3	44	0	0	0	0	0	0	5	0
116.0-117.9	0	1	17	2	0	2	0	0	0	9	0
118.0-119.9	0	1	12	3	0	2	0	0	0	13	0
120.0-121.9	0	1	7	2	0	2	1	0	0	16	2
122.0-123.9	0	0	0	0	0	0	3	0	0	7	10
124.0-125.9	0	0	0	0	0	0	3	0	0	17	10
126.0-127.9	0	1	12	0	0	0	1	0	0	19	4
128.0-129.9	0	1	12	0	0	0	0	0	0	16	0
130.0-131.9	0	0	0	0	0	0	1	0	0	15	2
132.0-133.9	0	0	0	0	0	0	3	0	0	19	11
134.0-135.9	0	0	1	0	0	0	3	0	0	9	12
136.0-137.9	1	3	3	0	0	0	6	0	0	17	24
138.0-139.9	0	0	0	0	0	0	16	0	0	22	60
140.0-141.9	1	3	0	0	9	31	44	0	0	14	42
142.0-143.9	0	0	0	0	0	0	11	0	0	32	48
144.0-145.9	1	4	20	0	0	0	11	0	0	5	41
146.0-147.9	1	24	7	58	0	0	4	0	0	6	16
148.0-149.9	4	60	2	0	0	0	10	0	0	15	37
150.0-151.9	1	3	17	0	0	0	2	15	0	1	8
152.0-153.9	0	2	30	0	0	0	5	0	0	14	18
154.0-155.9	2	4	23	0	0	0	3	0	0	5	11
156.0-157.9	3	8	33	0	0	0	4	0	0	4	15
158.0-159.9	6	12	47	4	0	3	1	0	0	5	0
160.0-161.9	1	6	74	2	0	1	0	0	0	6	0
162.0-163.9	0	3	77	2	0	1	0	0	0	1	0
164.0-165.9	2	7	65	0	0	0	3	0	0	1	12
166.0-167.9	4	12	122	1	0	0	4	0	0	2	14
168.0-169.9	12	26	147	1	0	0	7	0	0	3	26
170.0-171.9	14	32	192	1	0	0	0	0	0	0	0
172.0-173.9	13	27	114	1	0	0	7	15	0	3	26
174.0-175.9	7	18	149	1	0	0	19	0	0	9	71
176.0-177.9	19	44	259	1	0	0	9	0	0	4	33
178.0-179.9	8	19	176	1	0	0	0	0	0	0	0
180.0-181.9	12	28	236	1	0	0	9	0	0	4	34
182.0-183.9	15	33	238	5	0	3	19	0	0	9	69
184.0-185.9	17	108	179	1	0	0	21	15	0	10	78
186.0-187.9	3	8	161	1	9	31	77	0	0	20	164
188.0-189.9	10	20	147	1	9	31	58	0	0	11	91
190.0-191.9	23	44	114	1	0	0	29	0	0	14	110
192.0-193.9	12	60	150	1	0	0	11	0	0	5	43
194.0-195.9	16	68	120	1	0	0	45	0	0	21	167
196.0-197.9	14	28	124	1	9	31	70	0	0	17	139
198.0-199.9	6	12	88	4	0	3	27	0	0	12	98
200.0-201.9	5	9	85	1	0	0	15	0	0	7	57
202.0-203.9	8	15	107	1	0	0	28	0	0	13	106
204.0-205.9	2	6	110	1	0	0	11	15	0	5	40
206.0-207.9	6	12	99	4	0	3	4	0	0	1	11
208.0-209.9	14	177	86	5	1	3	17	0	0	7	60
210.0-211.9	8	91	73	5	1	3	4	0	0	2	13
212.0-213.9	3	6	44	6	1	4	3	0	0	1	7
214.0-215.9	6	13	58	4	0	3	4	0	0	2	13
216.0-217.9	3	11	130	4	0	2	9	0	0	4	32
218.0-219.9	4	10	79	4	0	3	10	0	0	4	33
220.0-221.9	0	4	76	11	1	8	9	0	0	3	25
222.0-223.9	9	94	96	4	0	3	13	0	0	6	47
224.0-225.9	6	12	92	6	1	4	20	0	0	9	71
226.0-227.9	6	13	81	5	1	4	1	0	0	0	0
228.0-229.9	8	16	70	0	0	0	14	0	0	6	52
230.0-231.9	3	6	44	0	0	0	11	0	0	5	41
232.0-233.9	3	8	49	0	0	0	24	15	0	11	89
234.0-235.9	3	7	63	0	0	0	12	0	0	6	45
236.0-237.9	3	7	50	11	1	8	7	0	0	2	20
238.0-239.9	0	0	20	1	0	1	11	0	0	5	39
240.0-241.9	0	0	10	3	0	2	1	0	0	0	0
242.0-243.9	0	0	16	3	0	2	4	0	0	2	13
244.0-245.9	7	110	23	0	0	0	7	3	0	3	26
246.0-247.9	5	61	21	0	0	0	0	0	0	0	3
248.0-249.9	3	6	20	0	9	31	38	0	0	2	16
250.0-251.9	2	3	16	0	0	0	6	0	0	3	23
252.0-253.9	0	0	5	0	0	0	0	0	0	0	0
254.0-255.9	0	0	5	0	0	0	4	0	0	2	13
256.0-257.9	0	0	0	0	0	0	7	0	0	3	26
258.0-259.9	0	0	5	0	0	0	0	0	0	0	0
260.0-261.9	0	0	10	0	0	0	10	0	0	5	39
262.0-263.9	0	0	0	0	0	0	2	0	0	1	6
264.0-265.9	2	3	5	0	0	0	2	0	0	1	7
TOTAL # FISH	348	1443	5006	327	66	290	876	101	3	611	2541

TOTAL CATCH(MT)	52	236	710	27	9	37	135	11	0	62	399
TASK1 MT OR # FISH	348	1443	5006	327	66	290	876	101	3	611	2541
# FISH(ORIG.REC)	349.0	1443.	5006.	327.0	67.00	291.0	877.0	102.0	3.020	612.0	2541.
MT(ORIGINAL REC)	52.72	236.5	710.1	27.13	9.073	37.50	135.2	11.75	.4794	62.29	399.1
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	194.5	198.8	188.6	140.6	177.4	171.9	192.6	162.7	195.5	160.2	194.9
MEAN WEIGHT (KG)	151.1	163.9	141.8	82.96	135.4	128.9	154.1	115.2	158.8	101.8	157.1

AREA WEST
COUNTRY JAPAN
GEAR LL

YEAR	73	74	74	74	74	75	75	75	75	76	76
QUARTER	4	1	2	3	4	1	2	3	4	1	2
44.0- 45.9	0	0	0	0	0	0	0	0	0	8	0
46.0- 47.9	0	5	0	0	0	0	0	0	0	0	0
48.0- 49.9	0	14	0	0	0	0	0	0	0	0	0
50.0- 51.9	0	14	0	0	0	0	0	0	0	0	0
52.0- 53.9	8	14	0	0	0	0	0	0	0	0	0
54.0- 55.9	0	14	0	0	0	0	1	0	0	16	0
56.0- 57.9	0	14	0	0	0	0	0	0	0	8	0
58.0- 59.9	0	20	0	0	0	0	0	0	0	0	0
60.0- 61.9	0	133	0	0	0	0	0	0	0	8	0
62.0- 63.9	1	133	0	0	0	0	0	0	0	0	0
64.0- 65.9	1	133	0	0	0	0	0	0	0	0	4
66.0- 67.9	1	133	0	0	0	0	0	0	0	0	0
68.0- 69.9	1	168	0	0	0	0	1	0	0	32	0
70.0- 71.9	2	191	0	0	0	0	0	0	0	8	0
72.0- 73.9	3	191	0	0	0	0	1	0	0	38	0
74.0- 75.9	3	202	0	0	0	0	1	0	0	40	0
76.0- 77.9	8	400	0	0	0	0	0	0	0	8	0
78.0- 79.9	19	400	0	0	0	0	2	0	0	90	0
80.0- 81.9	22	413	0	0	0	0	1	0	0	40	0
82.0- 83.9	42	682	1	0	0	0	2	0	1	90	0
84.0- 85.9	76	682	1	0	2	0	3	0	2	175	4
86.0- 87.9	72	506	0	0	3	0	2	0	2	153	0
88.0- 89.9	62	259	0	0	2	0	4	0	2	197	0
90.0- 91.9	48	247	0	0	0	0	2	0	1	120	0
92.0- 93.9	48	65	0	0	0	0	3	0	3	227	0
94.0- 95.9	14	65	10	14	0	0	3	0	3	228	4
96.0- 97.9	12	13	12	17	0	0	10	0	6	583	0
98.0- 99.9	20	9	4	5	0	0	3	0	3	232	0
100.0-101.9	23	9	0	0	0	0	4	0	2	219	0
102.0-103.9	15	14	0	0	0	0	1	0	1	76	0
104.0-105.9	13	51	1	0	0	0	8	0	1	104	0
106.0-107.9	12	112	13	19	4	0	3	0	0	106	0
108.0-109.9	28	205	12	18	5	0	3	0	2	217	0
110.0-111.9	56	285	0	0	9	0	2	0	1	97	0
112.0-113.9	92	281	0	0	9	0	2	0	1	108	0
114.0-115.9	121	204	0	0	10	0	9	0	1	332	0
116.0-117.9	158	91	0	0	25	0	4	0	1	173	0
118.0-119.9	115	43	0	0	22	0	6	0	4	374	0
120.0-121.9	70	12	1	0	23	0	8	0	3	236	0
122.0-123.9	32	0	1	0	32	0	9	0	1	177	0
124.0-125.9	25	0	0	0	34	0	7	0	5	493	0
126.0-127.9	15	9	0	0	49	0	2	0	1	145	4
128.0-129.9	21	33	0	0	50	0	8	0	6	555	0
130.0-131.9	29	66	0	0	30	0	2	0	2	151	4
132.0-133.9	36	80	0	0	9	0	3	0	1	122	0
134.0-135.9	33	84	0	0	39	0	5	0	4	372	0
136.0-137.9	56	98	24	34	14	0	3	0	1	126	0
138.0-139.9	60	19	2	3	14	26	138	0	4	332	0
140.0-141.9	42	2	0	0	2	0	1	0	0	50	4
142.0-143.9	41	2	0	0	0	0	1	0	0	58	0
144.0-145.9	35	2	0	0	27	0	1	0	1	79	0
146.0-147.9	23	1	0	0	1	0	0	0	0	0	4
148.0-149.9	27	2	0	0	7	0	0	0	1	38	4
150.0-151.9	10	0	0	0	0	0	0	0	0	0	0
152.0-153.9	14	1	0	0	0	0	0	0	0	0	0
154.0-155.9	12	1	0	0	5	0	0	0	0	0	0
156.0-157.9	16	1	0	0	15	0	0	0	0	12	0
158.0-159.9	4	0	1	0	1	0	6	0	0	0	4
160.0-161.9	4	0	12	17	0	0	0	0	0	0	0
162.0-163.9	0	0	14	19	0	0	0	0	0	0	0
164.0-165.9	11	11	38	54	0	0	0	0	0	0	0
166.0-167.9	17	8	64	92	0	0	0	0	0	0	0
168.0-169.9	20	1	2	0	0	0	12	0	0	0	19
170.0-171.9	6	0	37	53	3	0	0	0	0	0	6
172.0-173.9	23	1	135	194	4	0	0	0	0	0	7
174.0-175.9	46	3	21	27	0	0	12	0	0	0	12
176.0-177.9	21	2	40	58	7	0	0	0	0	0	0
178.0-179.9	8	0	31	35	14	7	35	14	57	0	11
180.0-181.9	24	2	1	0	0	0	6	0	0	0	0
182.0-183.9	45	3	0	0	0	2	0	0	0	0	4
184.0-185.9	50	4	30	37	12	2	23	0	0	0	19
186.0-187.9	106	8	3	0	9	7	17	5	19	8	7
188.0-189.9	59	4	25	8	0	11	99	5	19	0	37
190.0-191.9	71	5	26	30	7	11	23	9	38	0	22
192.0-193.9	28	2	73	102	13	0	12	0	0	0	22
194.0-195.9	108	8	88	116	15	2	35	9	38	0	11
196.0-197.9	92	7	39	37	0	7	70	0	0	0	19
198.0-199.9	64	5	100	73	5	25	244	5	19	0	30
200.0-201.9	37	3	10	0	2	7	52	0	0	0	26
202.0-203.9	68	30	43	30	6	2	110	0	0	0	41
204.0-205.9	28	12	40	6	8	55	447	0	0	29	26
206.0-207.9	7	1	61	37	7	0	180	0	0	0	56
208.0-209.9	39	3	43	0	36	2	215	9	38	37	44
210.0-211.9	8	1	38	18	7	9	128	0	0	0	70
212.0-213.9	4	0	54	47	0	0	110	0	0	0	85
214.0-215.9	8	1	75	45	0	11	221	0	0	0	85
216.0-217.9	21	2	53	37	0	2	139	0	0	0	152
218.0-219.9	22	2	52	0	14	5	261	5	19	86	198
220.0-221.9	16	1	56	37	7	0	151	0	0	0	71
222.0-223.9	30	2	55	28	0	0	180	0	0	29	193
224.0-225.9	46	3	75	45	28	5	221	5	19	92	204
226.0-227.9	0	17	23	0	0	2	116	5	19	0	259
228.0-229.9	34	3	88	37	7	14	313	0	0	115	590
230.0-231.9	27	2	56	37	0	2	151	0	0	0	382
232.0-233.9	57	4	28	40	0	9	139	0	0	0	356
234.0-235.9	29	2	55	0	0	2	279	5	19	115	571
236.0-237.9	13	1	66	37	0	2	203	5	19	0	549
238.0-239.9	25	2	97	37	0	9	360	14	57	57	668
240.0-241.9	0	0	50	37	0	11	122	0	0	0	380
242.0-243.9	8	1	33	0	0	9	168	9	38	0	401
244.0-245.9	17	1	71	0	0	5	360	5	19	29	524

246.0-247.9	0	0	37	0	0	0	186	9	38	29	449
248.0-249.9	10	1	46	0	0	2	232	0	0	0	515
250.0-251.9	15	1	16	0	0	0	81	0	0	0	445
252.0-253.9	0	0	9	0	0	0	46	0	0	0	256
254.0-255.9	9	1	36	0	0	0	180	5	19	8	360
256.0-257.9	17	1	16	0	0	0	81	0	0	29	126
258.0-259.9	0	0	48	0	0	0	244	14	57	29	356
260.0-261.9	25	2	8	0	0	0	41	0	0	0	156
262.0-263.9	4	0	6	0	0	0	29	0	0	57	126
264.0-265.9	5	0	15	0	0	0	75	9	38	0	148
266.0-267.9	0	0	8	0	0	0	41	0	0	29	148
268.0-269.9	0	0	12	0	0	0	58	0	0	0	156
270.0-271.9	0	0	1	0	0	0	6	0	0	0	48
272.0-273.9	0	0	1	0	0	0	6	0	0	0	33
274.0-275.9	0	0	1	0	0	0	6	0	0	0	11
276.0-277.9	0	0	1	0	0	0	6	0	0	29	4
278.0-279.9	0	0	1	0	0	0	6	0	0	0	26
280.0-281.9	0	0	0	0	0	0	0	0	0	0	4
286.0-287.9	0	0	1	0	0	0	6	0	0	0	0
288.0-289.9	0	0	0	0	0	0	0	0	0	0	4
290.0-291.9	0	0	0	0	0	0	0	0	0	0	7
328.0-329.9	0	0	0	0	0	0	0	0	0	0	4
TOTAL # FISH	3132	7002	2355	1575	655	269	6813	150	661	7865	9579

TOTAL CATCH(MT)	305	142	456	227	55	46	1556	33	138	431	2583
TASK1 MT OR # FISH	3132	7002	2355	1575	655	269	6813	150	661	7865	9579
# FISH(ORIG.REC)	3132.	7002.	2355.	1576.	655.0	269.0	6814.	151.0	661.1	7866.	9579.
MT(ORIGINAL REC)	305.4	142.9	456.3	227.4	55.10	46.77	1556.	33.85	138.2	432.0	2584.
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	155.6	91.83	210.1	189.7	152.7	203.2	224.0	221.3	212.9	125.4	239.3
MEAN WEIGHT (KG)	97.51	20.40	193.8	144.3	84.12	173.8	228.4	224.3	209.0	54.91	269.8

AREA WEST
COUNTRY JAPAN
GEAR LL

YEAR	76	76	77	77	77	77	78	78	78	78	79
QUARTER	3	4	1	2	3	4	1	2	3	4	1
50.0- 51.9	0	0	9	0	0	0	0	0	0	0	0
52.0- 53.9	0	0	9	0	0	0	0	0	0	0	0
56.0- 59.9	0	10	36	0	0	0	0	0	0	0	4
60.0- 61.9	0	0	5	0	0	0	0	0	0	0	4
62.0- 63.9	0	3	14	0	0	0	0	0	0	0	2
64.0- 65.9	0	5	45	0	0	0	0	0	0	0	5
66.0- 67.9	0	8	9	0	0	0	0	0	0	32	9
68.0- 69.9	0	18	50	0	0	0	0	0	0	25	7
70.0- 71.9	0	12	45	0	0	0	0	0	0	0	15
72.0- 73.9	6	19	27	0	0	0	8	0	0	21	2
74.0- 75.9	6	42	72	0	0	0	0	0	0	0	2
76.0- 77.9	0	3	49	0	0	0	8	0	0	0	4
78.0- 79.9	0	14	54	0	0	0	25	0	0	0	12
80.0- 81.9	0	0	23	0	0	0	0	0	0	23	4
82.0- 83.9	0	25	50	0	0	0	52	0	0	0	2
84.0- 85.9	0	53	77	0	0	0	52	0	0	0	23
86.0- 87.9	0	5	49	0	0	0	86	0	0	0	31
88.0- 89.9	0	51	203	0	0	0	67	0	0	15	102
90.0- 91.9	0	78	275	0	0	0	60	0	0	12	42
92.0- 93.9	0	127	429	0	0	0	60	0	0	12	45
94.0- 95.9	0	144	764	0	0	0	108	0	0	25	25
96.0- 97.9	0	167	688	0	0	231	227	0	0	28	37
98.0- 99.9	0	203	602	0	0	173	312	0	0	12	66
100.0-101.9	0	219	609	0	0	214	121	0	0	0	4
102.0-103.9	0	165	702	0	0	231	261	0	0	32	25
104.0-105.9	0	225	893	0	0	29	168	0	0	12	21
106.0-107.9	0	233	909	0	0	144	142	0	0	7	46
108.0-109.9	1	406	1164	0	0	89	362	0	0	0	54
110.0-111.9	0	414	1103	0	0	70	171	0	0	25	82
112.0-113.9	1	460	1178	0	0	34	416	0	0	32	40
114.0-115.9	1	599	1297	0	0	31	271	0	0	37	58
116.0-117.9	1	431	824	0	0	3	240	0	0	25	24
118.0-119.9	1	331	608	0	0	58	507	0	0	44	109
120.0-121.9	0	114	291	0	0	89	237	0	0	12	66
122.0-123.9	0	49	229	0	0	89	202	0	0	44	11
124.0-125.9	0	156	234	0	0	185	348	0	0	12	31
126.0-127.9	0	43	179	0	0	76	376	0	0	12	53
128.0-129.9	0	54	202	0	0	108	348	1	0	12	21
130.0-131.9	0	7	175	0	0	14	184	0	0	12	56
132.0-133.9	0	9	115	0	0	39	173	0	0	20	54
134.0-135.9	0	56	207	0	0	59	221	0	0	27	78
136.0-137.9	0	19	179	0	0	49	226	0	0	0	79
138.0-139.9	0	36	211	0	0	140	509	0	0	13	145
140.0-141.9	0	5	175	0	0	85	320	0	0	32	108
142.0-143.9	0	0	76	0	0	64	207	0	0	27	127
144.0-145.9	0	53	224	0	0	104	435	0	0	25	129
146.0-147.9	0	30	230	0	0	37	290	0	0	57	145
148.0-149.9	0	73	347	0	0	43	248	0	0	52	273
150.0-151.9	0	53	317	0	0	41	104	3	0	113	163
152.0-153.9	0	40	254	0	0	29	101	0	0	44	372
154.0-155.9	0	122	428	0	0	3	50	0	1	61	428
156.0-157.9	0	71	202	0	0	5	54	0	0	27	157
158.0-159.9	0	88	266	0	0	12	174	3	1	83	323
160.0-161.9	0	25	136	0	0	12	124	0	0	57	132
162.0-163.9	0	9	167	0	0	3	104	0	1	44	223
164.0-165.9	0	25	151	7	1	12	49	0	2	137	267
166.0-167.9	0	42	72	0	0	58	50	0	1	81	230
168.0-169.9	6	51	76	3	0	31	44	2	1	66	296
170.0-171.9	0	0	34	0	0	0	44	0	0	36	139
172.0-173.9	6	0	17	0	0	29	35	0	0	22	123
174.0-175.9	0	10	65	0	0	0	52	2	0	0	145
176.0-177.9	0	10	4	0	0	0	0	0	0	7	72
178.0-179.9	6	10	52	11	1	53	92	1	0	22	102
180.0-181.9	0	10	0	0	0	24	16	1	0	0	47
182.0-183.9	0	0	0	0	0	0	17	0	0	15	45
184.0-185.9	0	10	41	14	0	12	21	0	1	29	29
186.0-187.9	0	10	5	3	0	0	17	2	0	15	47
188.0-189.9	0	31	9	7	0	12	28	3	1	49	31
190.0-191.9	0	21	0	0	0	12	3	0	0	15	30
192.0-193.9	0	42	5	3	0	0	0	0	0	22	15
194.0-195.9	0	83	26	24	0	24	6	3	1	44	9
196.0-197.9	0	260	4	17	1	0	3	0	14	22	28
198.0-199.9	0	73	22	47	1	12	22	14	1	44	49
200.0-201.9	0	187	0	0	0	29	0	0	0	18	8
202.0-203.9	0	176	5	14	0	12	6	0	0	22	36
204.0-205.9	0	52	18	7	0	12	6	5	0	15	9
206.0-207.9	0	0	0	14	1	12	3	3	0	22	11
208.0-209.9	0	21	8	38	0	12	27	32	1	29	47
210.0-211.9	0	0	0	3	0	36	9	1	0	7	8
212.0-213.9	0	0	0	24	0	36	12	3	0	15	10
214.0-215.9	0	10	4	33	0	12	19	27	1	29	33
216.0-217.9	0	0	0	44	0	12	8	7	0	7	16
218.0-219.9	9	0	28	116	0	0	21	124	1	51	50
220.0-221.9	0	0	4	27	0	47	23	15	0	7	8
222.0-223.9	0	0	0	51	0	12	11	5	0	0	28
224.0-225.9	0	0	11	78	0	0	11	99	0	27	111
226.0-227.9	0	0	4	95	0	0	5	27	0	0	48
228.0-229.9	0	0	46	169	0	0	86	234	0	15	153
230.0-231.9	0	0	11	92	0	36	20	32	0	7	73
232.0-233.9	0	0	11	95	0	0	16	25	0	0	52
234.0-235.9	6	0	99	365	0	0	61	189	0	0	165
236.0-237.9	0	0	27	235	0	0	56	63	0	0	103
238.0-239.9	0	0	95	477	0	59	194	397	0	15	238
240.0-241.9	0	0	84	249	0	36	28	89	0	7	64
242.0-243.9	0	0	73	198	0	59	58	69	0	0	44
244.0-245.9	6	0	183	491	0	24	124	365	0	20	186
246.0-247.9	0	0	122	269	0	24	97	133	0	0	117
248.0-249.9	6	0	172	454	0	12	284	574	0	7	331
250.0-251.9	0	0	179	235	0	12	62	142	0	7	149
252.0-253.9	3	0	176	191	0	0	75	101	0	0	65
254.0-255.9	0	0	188	491	0	0	182	387	0	0	157

256.0-257.9	0	0	118	174	0	0	115	283	4	0	129
258.0-259.9	6	0	141	443	0	24	317	453	0	0	210
260.0-261.9	0	0	95	133	0	12	83	106	0	0	48
262.0-263.9	0	0	84	140	0	0	158	166	0	0	73
264.0-265.9	6	0	126	249	0	24	188	264	0	0	169
266.0-267.9	0	0	92	65	0	0	104	110	0	0	101
268.0-269.9	12	0	134	116	0	12	265	178	0	0	185
270.0-271.9	0	0	31	41	0	0	45	45	0	7	61
272.0-273.9	0	0	50	41	0	12	65	25	0	0	52
274.0-275.9	0	0	65	24	0	0	88	97	0	0	105
276.0-277.9	0	0	27	10	0	0	29	40	0	0	44
278.0-279.9	0	0	38	10	0	12	75	52	0	7	52
280.0-281.9	0	0	4	7	0	0	21	11	0	0	16
282.0-283.9	0	0	15	0	0	0	29	11	0	0	20
284.0-285.9	0	0	11	0	0	0	45	29	0	0	48
286.0-287.9	0	0	11	0	0	0	13	2	0	0	20
288.0-289.9	0	0	27	0	0	0	19	14	0	0	40
290.0-291.9	0	0	4	3	0	0	5	9	0	0	0
292.0-293.9	0	0	0	3	0	0	0	0	0	0	0
294.0-295.9	0	0	8	0	0	0	11	5	0	0	12
296.0-297.9	0	0	0	0	0	0	0	7	0	0	0
298.0-299.9	0	0	11	0	0	0	0	0	0	0	24
300.0-301.9	0	0	8	0	0	0	0	2	0	0	4
304.0-305.9	0	0	0	3	0	0	0	0	0	0	0
310.0-311.9	0	0	0	0	0	12	3	0	0	0	4
TOTAL # FISH	94	6737	20945	6156	6	3466	12438	5096	39	2180	9526

TOTAL CATCH(MT)	18	349	1515	1774	0	282	1458	1556	6	206	1564
TASK1 MT OR # FISH	94	6737	20945	6156	6	3466	12438	5096	39	2180	9526
# FISH(ORIG.REC)	94.05	6737.	.2095E+05	6157.	6.000	3467.	.1244E+05	5096.	39.06	2181.	9526.
MT(ORIGINAL REC)	18.95	349.4	1515.	1775.	.8183	282.1	1458.	1556.	6.117	206.3	1565.
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	199.4	127.7	134.6	245.1	189.4	144.0	160.4	249.9	194.2	158.6	188.8
MEAN WEIGHT (KG)	201.5	51.87	72.34	288.3	136.4	81.38	117.2	305.3	156.6	94.58	164.2

AREA WEST
COUNTRY JAPAN
GEAR LL

YEAR	79	79	79	80	80	80	80	81	81	81	81
QUARTER	2	3	4	1	2	3	4	1	2	3	4
48.0- 49.9	0	0	0	0	0	0	0	0	0	0	7
58.0- 59.9	0	0	12	0	0	0	21	35	0	0	0
60.0- 61.9	0	0	0	0	0	0	0	35	0	0	0
62.0- 63.9	0	0	0	0	0	0	0	75	0	0	7
64.0- 65.9	0	0	0	0	0	0	42	0	0	0	20
66.0- 67.9	0	0	0	0	0	0	21	40	0	0	7
68.0- 69.9	0	0	12	0	0	0	6	100	0	0	58
70.0- 71.9	0	0	0	0	0	0	0	40	0	0	27
72.0- 73.9	0	0	12	0	0	0	0	120	0	0	7
74.0- 75.9	0	0	0	0	0	0	10	265	0	6	40
76.0- 77.9	0	0	4	0	0	0	0	60	0	0	0
78.0- 79.9	0	0	0	0	0	2	76	101	0	0	136
80.0- 81.9	0	5	4	0	0	0	12	0	0	0	0
82.0- 83.9	0	0	16	0	0	0	18	219	0	0	0
84.0- 85.9	0	0	8	0	1	0	60	415	0	0	85
86.0- 87.9	1	0	0	11	0	0	16	269	0	0	13
88.0- 89.9	0	0	1	97	0	0	59	274	0	0	103
90.0- 91.9	0	0	5	11	0	0	29	249	0	0	13
92.0- 93.9	0	0	51	6	0	0	10	345	0	0	27
94.0- 95.9	4	0	63	125	1	0	63	1264	0	0	123
96.0- 97.9	2	0	69	194	0	0	29	1014	0	0	71
98.0- 99.9	3	0	52	437	5	0	208	1846	0	0	111
100.0-101.9	3	0	37	260	3	0	99	772	0	0	0
102.0-103.9	0	0	49	206	1	0	10	630	0	0	7
104.0-105.9	3	0	38	96	3	0	84	499	0	0	45
106.0-107.9	0	0	39	357	0	0	10	75	0	0	52
108.0-109.9	5	0	86	233	1	0	147	494	7	0	7
110.0-111.9	3	0	76	88	3	0	6	80	0	0	33
112.0-113.9	5	1	179	203	0	9	10	374	0	0	52
114.0-115.9	10	1	146	523	8	0	6	695	0	0	295
116.0-117.9	7	2	320	142	0	0	51	305	0	0	52
118.0-119.9	5	1	245	491	4	0	60	983	0	0	26
120.0-121.9	5	0	96	139	5	0	27	375	0	0	33
122.0-123.9	1	0	53	32	1	0	0	445	0	0	52
124.0-125.9	4	0	93	173	2	0	105	635	0	0	7
126.0-127.9	4	1	141	136	4	0	6	485	0	0	26
128.0-129.9	9	0	44	190	1	1	45	755	7	0	110
130.0-131.9	3	0	7	21	0	0	27	372	7	0	26
132.0-133.9	3	0	6	11	0	0	12	246	9	0	26
134.0-135.9	6	0	17	34	0	0	67	257	16	0	129
136.0-137.9	4	0	0	43	1	1	33	138	0	0	0
138.0-139.9	3	0	43	23	3	2	109	244	0	0	129
140.0-141.9	6	0	9	21	3	0	6	227	0	0	59
142.0-143.9	8	0	15	32	0	0	70	121	0	0	33
144.0-145.9	3	0	46	96	1	1	78	335	7	0	103
146.0-147.9	3	0	13	128	5	7	37	61	16	0	78
148.0-149.9	11	0	63	184	8	9	137	733	23	42	333
150.0-151.9	5	0	40	98	1	1	84	101	9	42	78
152.0-153.9	16	0	20	193	1	7	39	121	16	42	155
154.0-155.9	12	0	24	272	1	0	65	310	16	0	180
156.0-157.9	11	0	14	53	2	1	35	51	7	0	180
158.0-159.9	17	0	18	144	3	22	114	413	16	0	129
160.0-161.9	12	0	22	12	1	0	140	337	0	0	26
162.0-163.9	5	0	34	36	1	1	87	244	15	0	103
164.0-165.9	13	0	96	117	5	1	143	224	22	0	155
166.0-167.9	22	0	29	150	1	2	204	193	0	0	78
168.0-169.9	24	0	154	182	1	1	235	229	9	42	155
170.0-171.9	11	0	80	107	7	2	124	163	7	0	52
172.0-173.9	15	5	78	368	4	1	218	61	23	0	78
174.0-175.9	11	0	159	597	9	9	380	295	0	0	181
176.0-177.9	19	0	34	525	4	0	212	92	23	0	26
178.0-179.9	20	0	217	655	20	8	539	390	30	0	259
180.0-181.9	20	5	77	160	3	10	338	145	15	42	26
182.0-183.9	10	0	50	325	7	1	207	30	32	0	52
184.0-185.9	8	0	145	384	9	12	502	219	7	0	180
186.0-187.9	7	0	81	214	13	4	205	71	26	82	52
188.0-189.9	8	5	98	238	12	20	461	299	25	96	59
190.0-191.9	1	0	60	25	1	0	267	41	23	0	52
192.0-193.9	0	0	20	0	1	0	136	0	23	0	52
194.0-195.9	8	5	37	25	4	3	453	153	72	48	205
196.0-197.9	4	0	27	0	3	1	202	0	35	0	26
198.0-199.9	9	0	57	75	7	11	367	334	25	0	129
200.0-201.9	4	0	20	15	1	0	44	0	0	0	0
202.0-203.9	0	0	16	25	0	0	104	26	16	0	52
204.0-205.9	9	0	53	0	4	0	106	20	24	0	78
206.0-207.9	5	0	26	0	1	0	88	26	16	0	52
208.0-209.9	24	0	25	30	3	5	232	63	9	0	155
210.0-211.9	1	0	44	28	0	8	111	0	9	0	26
212.0-213.9	3	10	23	4	0	0	49	20	0	0	26
214.0-215.9	19	0	40	39	8	4	93	138	75	0	52
216.0-217.9	40	0	12	4	1	1	43	0	0	42	52
218.0-219.9	72	0	54	100	1	2	97	83	73	0	129
220.0-221.9	28	0	34	4	0	0	43	0	9	0	26
222.0-223.9	21	0	18	28	0	0	73	37	47	0	52
224.0-225.9	85	0	24	49	8	1	85	112	26	0	52
226.0-227.9	77	0	7	58	0	7	24	17	59	0	0
228.0-229.9	164	0	21	127	19	14	178	150	113	0	78
230.0-231.9	84	0	10	46	0	0	71	56	47	0	26
232.0-233.9	84	0	15	50	7	0	5	17	72	0	26
234.0-235.9	232	0	9	216	15	0	67	75	84	0	52
236.0-237.9	179	0	6	131	0	1	18	37	93	0	0
238.0-239.9	333	0	19	377	12	0	120	56	121	0	0
240.0-241.9	97	0	0	343	7	0	6	0	46	0	0
242.0-243.9	124	0	4	108	7	0	6	56	84	0	26
244.0-245.9	309	0	19	616	16	4	24	207	103	0	0
246.0-247.9	166	0	10	551	7	2	6	150	178	0	0
248.0-249.9	437	0	12	558	21	3	64	132	140	47	26
250.0-251.9	126	0	0	501	0	0	12	112	47	0	0
252.0-253.9	149	0	0	431	7	0	12	19	121	0	26
254.0-255.9	247	0	0	712	2	0	6	75	141	0	0
256.0-257.9	128	0	0	366	0	0	0	168	93	0	0

258.0-259.9	205	0	0	597	10	2	27	150	56	0	26
260.0-261.9	82	0	0	312	7	0	6	112	93	0	0
262.0-263.9	84	0	0	312	7	0	0	150	93	0	0
264.0-265.9	140	0	0	219	0	1	6	56	81	0	0
266.0-267.9	46	0	0	308	0	0	0	131	56	0	26
268.0-269.9	106	0	0	308	0	4	0	394	121	0	0
270.0-271.9	29	0	0	185	7	0	0	37	19	0	0
272.0-273.9	49	0	0	65	0	0	6	75	56	0	0
274.0-275.9	70	0	0	135	0	0	0	225	28	0	0
276.0-277.9	28	0	0	54	0	0	0	112	19	0	0
278.0-279.9	48	0	4	131	0	0	0	225	75	0	52
280.0-281.9	5	0	0	27	7	0	0	19	0	0	0
282.0-283.9	7	0	0	35	0	0	0	56	7	0	0
284.0-285.9	11	5	2	46	0	0	0	207	37	0	0
286.0-287.9	4	0	0	15	0	0	0	0	0	0	0
288.0-289.9	8	0	0	58	0	0	0	132	9	0	0
290.0-291.9	1	0	0	0	0	0	0	0	0	0	0
292.0-293.9	0	0	12	4	0	0	0	75	0	0	0
294.0-295.9	0	0	0	4	0	0	0	75	0	0	0
296.0-297.9	0	0	0	0	0	0	0	19	0	0	0
296.0-299.9	0	0	0	12	0	2	0	0	9	0	0
300.0-301.9	4	0	0	0	0	0	0	0	9	0	0
302.0-303.9	0	0	0	0	0	0	0	0	0	0	0
304.0-305.9	4	0	0	4	0	0	0	56	0	0	0
308.0-309.9	0	0	0	0	0	0	0	56	0	0	0
312.0-313.9	0	0	0	0	0	0	0	37	0	0	0
314.0-315.9	0	0	0	4	0	0	0	19	0	0	0
316.0-319.9	0	0	0	0	0	0	0	56	0	0	0
322.0-323.9	0	0	0	0	0	0	0	19	0	0	0
324.0-325.9	0	0	0	0	0	0	0	19	0	0	0
TOTAL # FISH	4587	53	4379	18045	374	204	9507	25982	3182	525	6353

TOTAL CATCH(MT)	1263	7	374	3307	68	29	1139	2510	845	70	623
TASKI MT OR # FISH	4587	53	4379	18045	374	204	9507	25982	3182	525	6353
# FISH(ORIG.REC)	4588.	53.03	4379.	.1805E+05	374.1	205.0	9508.	.2598E+05	3182.	525.0	6353.
MT(ORIGINAL REC)	1264.	7.370	374.7	3307.	68.50	29.03	1140.	2511.	845.1	70.43	623.4
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	238.9	175.9	152.3	195.0	200.6	186.1	175.0	146.3	234.8	185.5	159.0
MEAN WEIGHT (KG)	275.4	139.0	85.56	183.3	183.1	141.7	119.9	96.64	265.6	134.2	98.12

AREA WEST
COUNTRY MEXICO
GEAR UNCL

YEAR	72	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2	2
44.0- 45.9	0	0	0	0	0	0	0	0	0	0
46.0- 47.9	0	0	0	0	0	0	0	0	0	0
48.0- 49.9	0	0	1	0	0	0	0	0	0	0
50.0- 51.9	0	0	1	0	0	0	0	0	0	0
52.0- 53.9	0	1	1	0	0	0	0	0	0	0
54.0- 55.9	0	0	1	0	0	0	0	0	0	0
56.0- 57.9	0	0	1	0	0	0	0	0	0	0
58.0- 59.9	0	1	1	0	0	0	0	0	0	0
60.0- 61.9	0	0	6	0	0	0	0	0	0	0
62.0- 63.9	1	0	6	0	0	0	0	0	0	0
64.0- 65.9	2	0	6	0	0	0	0	0	0	0
66.0- 67.9	0	0	6	0	0	0	0	0	0	0
68.0- 69.9	0	0	7	0	1	0	0	0	0	1
70.0- 71.9	0	0	9	0	0	0	0	0	0	0
72.0- 73.9	0	0	9	0	1	0	0	0	0	1
74.0- 75.9	0	0	9	0	1	0	0	0	0	2
76.0- 77.9	0	1	18	0	0	0	0	0	0	0
78.0- 79.9	0	1	18	0	1	0	0	0	0	1
80.0- 81.9	0	1	18	0	0	0	0	0	0	0
82.0- 83.9	0	2	30	0	1	0	1	0	0	1
84.0- 85.9	2	3	30	0	3	0	1	0	0	3
86.0- 87.9	3	3	23	0	2	0	1	0	0	1
88.0- 89.9	2	2	12	0	3	1	1	1	0	2
90.0- 91.9	2	2	11	0	2	1	1	0	0	1
92.0- 93.9	2	2	3	0	4	2	1	1	0	2
94.0- 95.9	0	1	4	0	4	3	1	1	0	7
96.0- 97.9	0	1	2	0	8	4	2	1	1	5
98.0- 99.9	0	1	1	0	5	3	3	1	1	10
100.0-101.9	0	1	0	0	5	3	1	0	1	4
102.0-103.9	0	1	1	0	3	4	3	1	1	3
104.0-105.9	0	1	2	0	4	4	2	0	0	3
106.0-107.9	0	1	7	0	4	4	1	1	1	1
108.0-109.9	0	1	11	0	7	5	3	1	1	3
110.0-111.9	0	2	13	0	6	5	2	1	0	1
112.0-113.9	0	4	13	0	6	5	4	2	1	2
114.0-115.9	0	5	10	0	10	5	3	2	1	5
116.0-117.9	0	6	5	0	7	3	3	2	0	2
118.0-119.9	0	5	3	0	8	3	5	3	1	5
120.0-121.9	0	3	2	0	4	2	2	1	0	2
122.0-123.9	0	2	2	0	3	1	2	1	0	3
124.0-125.9	0	2	2	0	7	2	3	1	1	3
126.0-127.9	0	1	3	0	2	1	3	1	0	3
128.0-129.9	0	1	4	0	7	1	3	1	1	4
130.0-131.9	0	2	4	0	2	1	2	1	0	2
132.0-133.9	0	3	4	0	1	1	2	0	0	1
134.0-135.9	0	2	5	0	5	1	2	1	0	2
136.0-137.9	1	4	8	0	2	1	2	1	0	1
138.0-139.9	2	5	2	2	4	1	5	1	0	2
140.0-141.9	10	4	0	0	1	1	3	1	0	1
142.0-143.9	1	4	0	0	1	1	2	1	0	1
144.0-145.9	1	3	1	0	1	1	4	1	0	2
146.0-147.9	1	2	0	0	0	1	3	1	0	1
148.0-149.9	1	3	0	0	1	2	3	2	1	6
150.0-151.9	2	1	0	0	1	1	2	1	0	1
152.0-153.9	1	2	0	0	0	1	1	3	1	2
154.0-155.9	0	1	0	0	1	2	1	3	1	3
156.0-157.9	1	1	1	0	1	1	1	1	0	1
158.0-159.9	1	0	0	0	1	1	2	3	1	3
160.0-161.9	0	0	1	0	0	1	2	1	0	2
162.0-163.9	0	0	2	0	0	1	1	2	0	2
164.0-165.9	0	1	5	0	0	1	2	3	1	2
166.0-167.9	1	1	7	0	1	1	1	2	1	1
168.0-169.9	1	2	0	0	1	0	1	3	1	2
170.0-171.9	0	0	4	0	0	0	1	2	1	1
172.0-173.9	3	2	15	0	0	0	1	2	1	1
174.0-175.9	2	5	2	0	0	0	1	2	2	2
176.0-177.9	1	2	5	0	0	0	0	1	2	1
178.0-179.9	0	0	4	2	0	1	1	2	3	3
180.0-181.9	1	2	0	0	0	0	0	1	1	1
182.0-183.9	3	5	0	0	0	0	0	1	1	1
184.0-185.9	4	5	4	0	0	0	0	1	2	2
186.0-187.9	14	11	1	1	0	0	0	1	1	1
188.0-189.9	12	6	2	2	1	0	1	1	2	2
190.0-191.9	4	7	3	1	1	0	0	1	1	1
192.0-193.9	1	3	8	0	1	0	0	0	0	0
194.0-195.9	5	11	10	1	1	0	1	0	1	2
196.0-197.9	13	9	4	1	3	0	0	0	1	0
198.0-199.9	4	7	8	4	1	0	1	1	1	2
200.0-201.9	2	4	1	1	2	0	0	0	0	0
202.0-203.9	3	7	5	2	2	0	0	0	0	1
204.0-205.9	3	3	3	7	1	0	0	1	0	1
206.0-207.9	1	1	5	3	1	0	0	0	0	1
208.0-209.9	2	4	4	4	1	0	1	1	1	1
210.0-211.9	1	1	3	2	1	0	0	0	0	0
212.0-213.9	1	1	5	2	1	0	0	0	0	0
214.0-215.9	1	1	5	3	1	0	1	1	0	1
216.0-217.9	1	2	4	2	2	0	0	1	0	1
218.0-219.9	2	2	3	4	3	1	2	1	0	1
220.0-221.9	2	2	5	2	1	0	0	1	0	0
222.0-223.9	2	3	4	3	2	0	0	1	0	1
224.0-225.9	3	5	7	3	3	0	1	2	0	1
226.0-227.9	1	0	2	2	3	0	0	1	0	0
228.0-229.9	2	4	6	4	8	1	3	2	1	2
230.0-231.9	1	3	4	2	4	1	1	1	0	1
232.0-233.9	5	6	1	2	4	0	0	1	0	1
234.0-235.9	1	3	3	4	8	2	2	3	1	1
236.0-237.9	2	1	5	3	6	1	1	2	0	1
238.0-239.9	1	3	6	6	8	3	5	4	1	1
240.0-241.9	0	0	4	2	4	1	1	1	1	0
242.0-243.9	1	1	2	3	4	1	1	1	0	1
244.0-245.9	1	2	3	5	6	3	4	4	1	2

246.0-247.9	0	0	2	3	5	2	2	2	1	
248.0-249.9	9	1	2	3	6	3	8	5	1	2
250.0-251.9	1	2	1	1	5	2	2	2	1	1
252.0-253.9	0	0	0	1	3	1	2	2	1	1
254.0-255.9	1	1	2	3	4	3	5	3	2	1
256.0-257.9	1	2	1	1	2	1	4	2	1	1
258.0-259.9	0	0	2	4	4	2	7	3	1	1
260.0-261.9	1	3	0	1	2	1	2	1	1	1
262.0-263.9	0	0	0	0	2	1	3	1	1	1
264.0-265.9	0	1	1	2	2	2	4	2	1	1
266.0-267.9	0	0	0	1	2	1	2	1	1	1
268.0-269.9	0	0	1	1	2	1	4	2	1	3
270.0-271.9	0	0	0	0	1	0	1	1	0	0
272.0-273.9	0	0	0	0	0	0	1	1	0	1
274.0-275.9	0	0	0	0	0	0	2	1	0	1
276.0-277.9	0	0	0	0	0	0	1	1	0	1
278.0-279.9	0	0	0	0	0	0	1	1	0	2
280.0-281.9	0	0	0	0	0	0	0	0	0	0
282.0-283.9	0	0	0	0	0	0	0	0	0	0
284.0-285.9	0	0	0	0	0	0	1	1	0	1
286.0-287.9	0	0	0	0	0	0	0	0	0	0
288.0-289.9	0	0	0	0	0	0	0	0	0	1
290.0-291.9	0	0	0	0	0	0	0	0	0	0
292.0-293.9	0	0	0	0	0	0	0	0	0	0
294.0-295.9	0	0	0	0	0	0	0	0	0	0
296.0-297.9	0	0	0	0	0	0	0	0	0	0
298.0-299.9	0	0	0	0	0	0	0	0	0	0
304.0-305.9	0	0	0	0	0	0	0	0	0	0
308.0-309.9	0	0	0	0	0	0	0	0	0	0
312.0-313.9	0	0	0	0	0	0	0	0	0	0
314.0-315.9	0	0	0	0	0	0	0	0	0	0
318.0-319.9	0	0	0	0	0	0	0	0	0	0
322.0-323.9	0	0	0	0	0	0	0	0	0	0
324.0-325.9	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	159	237	512	106	265	119	171	127	62	177

TOTAL CATCH(MT)	23	29	39	24	37	14	28	22	10	20
TASK1 MT OR # FISH	23	29	39	24	37	14	28	22	10	20
# FISH(ORIG.REC)	1337.	6288.	.1158E+05	7795.	.2428E+05	.3058E+05	.1975E+05	.1A55E+05	.2813E+05	.3604E+05
MT(ORIGINAL REC)	193.3	767.4	881.7	1750.	3383.	3567.	3226.	3210.	4528.	4050.
RAISING FACTOR	.1200	.4000E-01	.4000E-01	.1000E-01	.1000E-01	0.	.1000E-01	.1000E-01	0.	0.
MEAN LENGTH (CM)	185.0	172.0	132.7	222.2	171.2	157.8	183.3	192.5	188.0	156.9
MEAN WEIGHT (KG)	144.6	122.0	76.12	224.5	139.4	116.7	163.3	173.1	160.9	112.4

AREA WEST
COUNTRY NORWAY
GEAR LL

YEAR	64	65	66
QUARTER	3	3	3
220.0-220.9	1	0	1
221.0-221.9	1	0	1
222.0-222.9	1	0	1
223.0-223.9	1	0	1
224.0-224.9	1	0	1
225.0-225.9	1	0	1
226.0-226.9	1	0	1
227.0-227.9	1	0	1
228.0-228.9	1	0	1
229.0-229.9	1	0	1
230.0-230.9	1	1	1
231.0-231.9	1	1	1
232.0-232.9	1	1	1
233.0-233.9	1	1	1
234.0-234.9	1	1	1
235.0-235.9	1	1	2
236.0-236.9	1	1	2
237.0-237.9	1	1	2
238.0-238.9	1	1	2
239.0-239.9	1	1	2
240.0-240.9	1	0	1
241.0-241.9	1	0	1
242.0-242.9	1	0	1
243.0-243.9	1	0	1
244.0-244.9	1	0	1
245.0-245.9	0	0	1
246.0-246.9	0	0	1
247.0-247.9	0	0	1
248.0-248.9	0	0	1
249.0-249.9	0	0	1
TOTAL # FISH	25	10	35

TOTAL CATCH(MT)		6	3	10
TASKI MT OR # FISH		8	4	10
# FISH(ORIG.REC)	25.00	10.00	35.00	
MT(ORIGINAL REC)	6.386	2.638	9.546	
RAISING FACTOR	1.000	1.000	1.000	
MEAN LENGTH (CM)	232.5	235.0	235.4	
MEAN WEIGHT (KG)	255.4	263.8	272.8	

AREA WEST
COUNTRY POLAND
GEAR UNCL

YEAR	74	76
QUARTER	3	3
233.0-233.9	1	0
241.0-241.9	1	0
244.0-244.9	1	0
249.0-249.9	1	0
251.0-251.9	0	1
253.0-253.9	1	0
TOTAL # FISH	5	1

TOTAL CATCH(MT)		1	0
TASKI MT OR # FISH		3	3
# FISH(ORIG.REC)	5.000	1.000	
MT(ORIGINAL REC)	1.418	.3070	
RAISING FACTOR	1.000	1.000	
MEAN LENGTH (CM)	244.5	251.5	
MEAN WEIGHT (KG)	283.6	307.4	

AREA WEST
COUNTRY USA
GEAR LL

YEAR	62	63	64	65	66	67	68
QUARTER	3	3	3	3	3	3	3
75.0- 75.9	1	0	0	0	0	0	0
76.0- 76.9	1	0	0	0	0	0	0
77.0- 77.9	1	0	0	0	0	0	0
78.0- 78.9	1	0	0	0	0	0	0
79.0- 79.9	1	0	0	0	0	0	0
85.0- 85.9	0	1	0	0	0	0	0
86.0- 86.9	0	1	0	0	0	0	0
87.0- 87.9	0	1	0	0	0	0	0
88.0- 88.9	0	1	0	0	0	0	0
89.0- 89.9	0	1	0	0	0	0	0
105.0-105.9	2	0	0	0	0	0	0
106.0-106.9	2	0	0	0	0	0	0
107.0-107.9	2	0	0	0	0	0	0
108.0-108.9	2	0	0	0	0	0	0
109.0-109.9	2	0	0	0	0	0	0
110.0-110.9	2	1	0	0	0	0	0
111.0-111.9	2	1	0	0	0	0	0
112.0-112.9	2	1	0	0	0	0	0
113.0-113.9	2	1	0	0	0	0	0
114.0-114.9	2	1	0	0	0	0	0
115.0-115.9	4	1	0	0	0	0	0
116.0-116.9	4	1	0	0	0	0	0
117.0-117.9	4	1	0	0	0	0	0
118.0-118.9	4	1	0	0	0	0	0
119.0-119.9	4	1	0	0	0	0	0
120.0-120.9	26	1	0	0	0	0	0
121.0-121.9	26	1	0	0	0	0	0
122.0-122.9	26	1	0	0	0	0	0
123.0-123.9	26	1	0	0	0	0	0
124.0-124.9	26	1	0	0	0	0	0
125.0-125.9	34	25	0	0	0	0	0
126.0-126.9	34	25	0	0	0	0	0
127.0-127.9	34	25	0	0	0	0	0
128.0-128.9	34	25	0	0	0	0	0
129.0-129.9	34	25	0	0	0	0	0
130.0-130.9	6	10	0	0	0	0	0
131.0-131.9	6	10	0	0	0	0	0
132.0-132.9	6	10	0	0	0	0	0
133.0-133.9	6	10	0	0	0	0	0
134.0-134.9	6	10	0	0	0	0	0
135.0-135.9	12	8	0	0	0	0	0
136.0-136.9	12	8	0	0	0	0	0
137.0-137.9	12	8	0	0	0	0	0
138.0-138.9	12	8	0	0	0	0	0
139.0-139.9	12	8	0	0	0	0	0
140.0-140.9	10	13	0	0	0	0	0
141.0-141.9	10	13	0	0	0	0	0
142.0-142.9	10	13	0	0	0	0	0
143.0-143.9	10	13	0	0	0	0	0
144.0-144.9	10	13	0	0	0	0	0
145.0-145.9	3	14	11	0	0	0	0
146.0-146.9	3	14	11	0	0	0	0
147.0-147.9	3	14	11	0	0	0	0
148.0-148.9	3	14	11	0	0	0	0
149.0-149.9	3	14	11	0	0	0	0
150.0-150.9	3	8	0	0	0	0	0
151.0-151.9	3	8	0	0	0	0	0
152.0-152.9	3	8	0	0	0	0	0
153.0-153.9	3	8	0	0	0	0	0
154.0-154.9	3	8	0	0	0	0	0
155.0-155.9	3	16	11	0	0	0	0
156.0-156.9	3	16	11	0	0	0	0
157.0-157.9	3	16	11	0	0	0	0
158.0-158.9	3	16	11	0	0	0	0
159.0-159.9	3	16	11	0	0	0	0
160.0-160.9	5	17	0	5	0	0	0
161.0-161.9	5	17	0	5	0	0	0
162.0-162.9	5	17	0	5	0	0	0
163.0-163.9	5	17	0	5	0	0	0
164.0-164.9	5	17	0	5	0	0	0
165.0-165.9	1	6	11	5	0	0	0
166.0-166.9	1	6	11	5	0	0	0
167.0-167.9	1	6	11	5	0	0	0
168.0-168.9	1	6	11	5	0	0	0
169.0-169.9	1	6	11	5	0	0	0
170.0-170.9	0	5	23	0	0	0	0
171.0-171.9	0	5	23	0	0	0	0
172.0-172.9	0	5	23	0	0	0	0
173.0-173.9	0	5	23	0	0	0	0
174.0-174.9	0	5	23	0	0	0	0
175.0-175.9	0	5	34	5	0	4	0
176.0-176.9	0	5	34	5	0	4	0
177.0-177.9	0	5	34	5	0	4	0
178.0-178.9	0	5	34	5	0	4	0
179.0-179.9	0	5	34	5	0	4	0
180.0-180.9	0	10	0	28	9	0	0
181.0-181.9	0	10	0	28	9	0	0
182.0-182.9	0	10	0	28	9	0	0
183.0-183.9	0	10	0	28	9	0	0
184.0-184.9	0	10	0	28	9	0	0
185.0-185.9	0	8	11	23	9	0	0
186.0-186.9	0	8	11	23	9	0	0
187.0-187.9	0	8	11	23	9	0	0
188.0-188.9	0	8	11	23	9	0	0
189.0-189.9	0	8	11	23	9	0	0
190.0-190.9	0	6	11	14	6	0	0
191.0-191.9	0	6	11	14	6	0	0
192.0-192.9	0	6	11	14	6	0	0
193.0-193.9	0	6	11	14	6	0	0
194.0-194.9	0	6	11	14	6	0	0
195.0-195.9	0	9	0	19	15	0	1

196.0-196.9	0	9	0	19	15	0	0
197.0-197.9	0	9	0	19	15	0	0
198.0-198.9	0	9	0	19	15	0	0
199.0-199.9	0	9	0	19	15	0	0
200.0-200.9	0	6	11	9	7	4	0
201.0-201.9	0	6	11	9	7	4	0
202.0-202.9	0	6	11	9	7	4	0
203.0-203.9	0	6	11	9	7	4	0
204.0-204.9	0	6	11	9	7	4	1
205.0-205.9	0	9	0	0	5	4	0
206.0-206.9	0	9	0	0	5	4	0
207.0-207.9	0	9	0	0	5	4	0
208.0-208.9	0	9	0	0	5	4	0
209.0-209.9	0	9	0	0	5	4	0
210.0-210.9	0	10	11	9	2	7	0
211.0-211.9	0	10	11	9	2	7	0
212.0-212.9	0	10	11	9	2	7	0
213.0-213.9	0	10	11	9	2	7	0
214.0-214.9	0	10	11	9	2	7	0
215.0-215.9	0	6	0	5	0	7	0
216.0-216.9	0	6	0	5	0	0	0
217.0-217.9	0	6	0	5	0	0	0
218.0-218.9	0	6	0	5	0	0	0
219.0-219.9	0	6	0	5	0	0	0
220.0-220.9	0	3	11	0	0	4	0
221.0-221.9	0	3	11	0	0	4	0
222.0-222.9	0	3	11	0	0	4	0
223.0-223.9	0	3	11	0	0	4	0
224.0-224.9	0	3	11	0	0	4	0
227.0-227.9	0	0	0	0	0	0	2
229.0-229.9	0	0	0	0	0	0	1
230.0-230.9	0	3	0	0	0	0	2
231.0-231.9	0	3	0	0	0	0	0
232.0-232.9	0	3	0	0	0	0	0
233.0-233.9	0	3	0	0	0	0	0
234.0-234.9	0	3	0	0	0	0	0
235.0-235.9	0	3	0	0	0	0	1
236.0-236.9	0	3	0	0	0	0	1
237.0-237.9	0	3	0	0	0	0	0
238.0-238.9	0	3	0	0	0	0	1
239.0-239.9	0	3	0	0	0	0	0
240.0-240.9	0	1	0	0	0	0	0
241.0-241.9	0	1	0	0	0	0	0
242.0-242.9	0	1	0	0	0	0	0
243.0-243.9	0	1	0	0	0	0	0
244.0-244.9	0	1	0	0	0	0	0
245.0-245.9	0	0	0	0	0	0	1
247.0-247.9	0	0	0	0	0	0	1
248.0-248.9	0	0	0	0	0	0	1
249.0-249.9	0	0	0	0	0	0	1
250.0-250.9	0	0	11	0	0	0	0
251.0-251.9	0	0	11	0	0	0	2
252.0-252.9	0	0	11	0	0	0	1
253.0-253.9	0	0	11	0	0	0	0
254.0-254.9	0	0	11	0	0	0	0
255.0-255.9	0	0	0	0	0	0	1
257.0-257.9	0	0	0	0	0	0	2
258.0-258.9	0	0	0	0	0	0	2
259.0-259.9	0	0	0	0	0	0	1
260.0-260.9	0	0	0	0	0	0	1
263.0-263.9	0	0	0	0	0	0	1
264.0-264.9	0	0	0	0	0	0	1
273.0-273.9	0	0	0	0	0	0	1
TOTAL # FISH	560	1025	780	610	265	122	27

TOTAL CATCH(MT)	26	95	97	80	38	21	7
TASK1 MT OR # FISH	26	96	99	79	39	20	9
# FISH(ORIG.REC)	560.0	1025.	780.0	610.0	265.0	122.0	27.00
MT(ORIGINAL REC)	25.63	94.56	96.70	79.56	38.29	20.76	7.264
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	131.5	167.4	187.0	190.4	194.9	206.1	244.9
MEAN WEIGHT (KG)	45.76	92.25	124.0	130.4	144.5	170.1	269.0

AREA WEST
COUNTRY USA
GEAR LL

YEAR	80	81
QUARTER	1	1
195.0-195.9	0	1
196.0-196.9	0	1
196.0-198.9	1	0
199.0-199.9	1	0
202.0-202.9	1	1
203.0-203.9	1	0
205.0-205.9	0	2
206.0-206.9	0	2
207.0-207.9	1	2
208.0-208.9	1	2
209.0-209.9	1	3
210.0-210.9	1	2
211.0-211.9	0	2
212.0-212.9	1	1
213.0-213.9	0	5
214.0-214.9	0	3
215.0-215.9	0	2
216.0-216.9	1	5
217.0-217.9	1	0
218.0-218.9	1	2
219.0-219.9	1	6
220.0-220.9	2	4
221.0-221.9	1	2
222.0-222.9	0	1
223.0-223.9	0	3
224.0-224.9	0	1
225.0-225.9	0	3
226.0-226.9	0	4
227.0-227.9	0	6
228.0-228.9	1	3
229.0-229.9	0	2
230.0-230.9	0	7
231.0-231.9	0	5
233.0-233.9	0	2
234.0-234.9	1	2
235.0-235.9	1	2
236.0-236.9	0	4
237.0-237.9	0	3
238.0-238.9	1	4
239.0-239.9	1	6
240.0-240.9	1	5
241.0-241.9	1	7
242.0-242.9	1	10
243.0-243.9	0	5
244.0-244.9	1	3
245.0-245.9	1	3
246.0-246.9	0	7
247.0-247.9	0	9
248.0-248.9	2	3
249.0-249.9	1	7
250.0-250.9	0	5
251.0-251.9	2	5
252.0-252.9	0	2
253.0-253.9	1	3
254.0-254.9	1	3
255.0-255.9	0	8
256.0-256.9	0	4
257.0-257.9	0	4
258.0-258.9	0	5
259.0-259.9	0	2
260.0-260.9	2	1
261.0-261.9	1	2
262.0-262.9	2	6
263.0-263.9	0	5
264.0-264.9	0	2
266.0-266.9	0	4
267.0-267.9	0	7
268.0-268.9	1	2
269.0-269.9	0	1
270.0-270.9	1	0
271.0-271.9	1	3
272.0-272.9	0	2
273.0-273.9	1	0
274.0-274.9	1	3
275.0-275.9	0	1
276.0-276.9	0	1
277.0-277.9	0	3
278.0-278.9	1	2
279.0-279.9	1	0
280.0-280.9	0	8
282.0-282.9	0	1
283.0-283.9	1	3
284.0-284.9	1	2
285.0-285.9	1	2
286.0-286.9	0	2
287.0-287.9	0	2
288.0-288.9	0	1
290.0-290.9	0	3
291.0-291.9	0	1
293.0-293.9	0	1
294.0-294.9	0	1
TOTAL # FISH	48	278

TOTAL CATCH(MT)		13	79
TASK1 MT OR # FISH		12	285
# FISH(ORIG.REC)	48.00	278.0	
MT(ORIGINAL REC)	13.22	78.64	
RAISING FACTOR	1.000	1.000	
MEAN LENGTH (CM)	241.9	245.9	
MEAN WEIGHT (KG)	275.4	282.9	

AREA WEST
COUNTRY USA
GEAR PS

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	3
43.0- 43.9	0	0	0	0	0	0	0	0	0	0	25
45.0- 45.9	0	0	0	0	0	0	0	0	0	0	25
46.0- 46.9	0	0	0	0	0	0	150	0	0	0	0
47.0- 47.9	0	0	0	0	0	0	0	0	0	0	74
49.0- 49.9	0	0	0	0	392	480	1304	0	0	0	25
50.0- 50.9	0	0	0	0	0	0	0	0	0	0	247
51.0- 51.9	0	0	0	67	3336	6240	9329	0	0	0	395
52.0- 52.9	0	0	0	0	0	0	0	0	0	74	716
53.0- 53.9	0	0	34	469	5299	24958	25829	0	50	0	1186
54.0- 54.9	0	0	0	0	0	0	0	0	50	0	1408
55.0- 55.9	0	0	0	0	0	0	0	0	251	149	963
56.0- 56.9	0	0	406	3447	5299	27598	40374	0	50	223	593
57.0- 57.9	0	0	0	0	0	0	0	131	100	0	519
58.0- 58.9	0	0	305	5287	2159	10079	34406	131	201	74	296
59.0- 59.9	0	0	0	0	0	0	0	392	50	0	272
60.0- 60.9	0	0	0	0	0	0	0	784	100	149	198
61.0- 61.9	0	0	169	5388	589	1440	17754	1306	100	0	99
62.0- 62.9	0	0	0	0	0	0	0	1437	50	0	74
63.0- 63.9	0	0	0	2945	981	0	4815	2221	50	0	173
64.0- 64.9	0	0	0	0	0	0	0	1960	50	149	148
65.0- 65.9	0	0	0	1071	0	720	1555	2613	0	223	74
66.0- 66.9	0	0	0	0	0	0	0	1176	0	149	247
67.0- 67.9	0	0	0	0	0	0	0	915	0	74	371
68.0- 68.9	0	0	0	67	0	720	3310	1176	0	223	692
69.0- 69.9	0	0	0	0	0	0	0	653	0	521	1457
70.0- 70.9	0	0	34	234	589	2400	7623	1698	0	744	2717
71.0- 71.9	0	0	0	0	0	0	0	1306	0	1265	3434
72.0- 72.9	0	0	0	0	0	0	0	2221	50	2010	4595
73.0- 73.9	0	0	237	703	1374	18959	13742	4050	151	2233	5187
74.0- 74.9	0	0	0	0	0	0	0	3527	753	2307	5113
75.0- 75.9	0	0	1423	2911	6280	26158	10081	4834	804	2903	6620
76.0- 76.9	0	0	0	0	0	0	0	5226	653	2233	3878
77.0- 77.9	0	0	0	0	0	0	0	6794	1457	2382	3582
78.0- 78.9	0	0	3184	6057	10205	27358	5818	9929	2562	2159	3705
79.0- 79.9	0	0	0	0	0	0	0	9276	3315	2010	2816
80.0- 80.9	0	0	1626	5354	5299	18719	2207	12411	3667	1712	2569
81.0- 81.9	0	0	0	0	0	0	0	9276	2662	595	2100
82.0- 82.9	0	0	271	2878	1570	6240	1154	8623	3968	447	1927
83.0- 83.9	0	0	0	0	0	0	0	7185	2612	372	2371
84.0- 84.9	0	0	0	0	0	0	0	5748	1959	0	1927
85.0- 85.9	0	0	34	970	589	960	652	2613	1356	0	1630
86.0- 86.9	0	0	0	0	0	0	0	1437	1758	0	1606
87.0- 87.9	0	0	34	1171	0	960	903	1306	904	0	2149
88.0- 88.9	0	0	0	0	0	0	0	915	1155	0	2273
89.0- 89.9	0	0	0	0	0	0	0	915	653	0	2890
90.0- 90.9	0	0	34	2644	392	720	552	523	301	0	4224
91.0- 91.9	0	0	0	0	0	0	0	523	352	74	4051
92.0- 92.9	0	0	34	6057	981	2400	1354	784	352	0	5632
93.0- 93.9	0	0	0	0	0	0	0	653	352	74	7114
94.0- 94.9	0	0	0	0	0	0	0	1960	352	74	7831
95.0- 95.9	0	0	203	9638	2747	4560	2508	1698	904	0	9634
96.0- 96.9	0	0	0	0	0	0	0	2090	1005	223	10153
97.0- 97.9	0	0	644	11880	7653	6960	1806	2744	1055	149	11906
98.0- 98.9	0	0	0	0	0	0	0	1045	1708	670	11462
99.0- 99.9	0	0	1253	7864	9420	11759	1806	2613	1155	744	8251
100.0-100.9	0	0	0	0	0	0	0	3266	1758	1265	7435
101.0-101.9	0	0	0	0	0	0	0	1960	1406	1414	4422
102.0-102.9	0	0	1964	4016	5887	9119	1003	2744	1507	2531	3631
103.0-103.9	0	0	0	0	0	0	0	3266	1457	3349	3187
104.0-104.9	0	0	1795	3045	2551	3840	301	2613	904	2233	1532
105.0-105.9	58	188	0	0	0	0	0	2482	904	2531	618
106.0-106.9	58	188	0	0	0	0	0	1437	452	3349	296
107.0-107.9	58	188	1693	2108	1766	1920	251	915	402	2680	272
108.0-108.9	58	188	0	0	0	0	0	1306	352	1861	124
109.0-109.9	58	188	2032	970	785	240	50	523	151	1935	49
110.0-110.9	58	188	0	0	0	0	0	653	100	1340	445
111.0-111.9	58	188	0	0	0	0	0	131	50	1042	198
112.0-112.9	58	188	2879	970	2159	240	0	131	50	521	222
113.0-113.9	58	188	0	0	0	0	0	0	0	298	173
114.0-114.9	58	188	6029	2142	4514	0	0	131	0	298	395
115.0-115.9	58	188	0	0	0	0	0	131	50	223	766
116.0-116.9	58	188	13040	4518	2551	0	0	0	50	223	371
117.0-117.9	58	188	0	0	0	0	0	261	0	74	371
118.0-118.9	58	188	0	0	0	0	0	392	100	372	741
119.0-119.9	58	188	14530	6024	1766	0	0	392	151	149	593
120.0-120.9	58	188	0	0	0	0	0	523	100	149	1556
121.0-121.9	58	188	13717	8299	1962	240	0	1176	0	223	692
122.0-122.9	58	188	0	0	0	0	0	784	0	149	914
123.0-123.9	129	419	0	0	0	0	0	392	0	298	914
124.0-124.9	129	419	10127	7831	1374	480	0	523	0	74	1334
125.0-125.9	129	419	0	0	0	0	0	1045	0	372	1210
126.0-126.9	129	419	5419	5957	1177	720	0	653	0	447	840
127.0-127.9	129	419	0	0	0	0	0	915	0	447	667
128.0-128.9	129	419	0	0	0	0	0	915	50	298	815
129.0-129.9	129	419	3082	5187	3140	1440	0	784	0	298	469
130.0-130.9	129	419	0	0	0	0	0	392	0	447	840
131.0-131.9	129	419	4877	4852	5299	1440	0	0	0	149	568
132.0-132.9	129	419	0	0	0	0	0	131	0	298	395
133.0-133.9	129	419	4572	5789	6280	2400	0	0	0	74	321
134.0-134.9	129	419	0	0	0	0	0	131	0	74	371
135.0-135.9	129	419	0	0	0	0	0	261	0	74	124
136.0-136.9	129	419	4979	6158	7457	1200	0	0	0	0	198
137.0-137.9	129	419	0	0	0	0	0	0	0	298	173
138.0-138.9	129	419	3150	5723	8635	3600	0	0	0	0	371
139.0-139.9	129	419	0	0	0	0	0	0	0	149	99
140.0-140.9	18	58	0	0	0	0	0	0	0	149	371
141.0-141.9	18	58	1423	6325	7457	2640	0	0	0	298	49
142.0-142.9	18	58	0	0	0	0	0	0	0	447	148
143.0-143.9	18	58	779	4250	5102	2880	0	0	0	0	49
144.0-144.9	18	58	0	0	0	0	0	0	0	372	469
145.0-145.9	18	58	0	0	0	0	0	0	0	0	198

146.0-146.9	18	58	339	3848	3336	2400	0	0	0	298	222
147.0-147.9	18	58	0	0	0	0	0	0	0	74	25
148.0-148.9	18	58	102	3614	6672	1680	0	0	0	149	148
149.0-149.9	18	58	0	0	0	0	0	0	0	74	0
150.0-150.9	18	58	169	3715	4514	480	0	0	0	74	148
151.0-151.9	18	58	0	0	0	0	0	0	0	0	74
152.0-152.9	18	58	0	0	0	0	0	0	0	0	99
153.0-153.9	18	58	271	3982	4121	0	0	0	0	0	25
154.0-154.9	18	58	0	0	0	0	0	0	0	0	124
155.0-155.9	18	58	305	3146	4906	480	0	0	0	0	124
156.0-156.9	47	154	0	0	0	0	0	0	0	0	25
157.0-157.9	47	154	0	0	0	0	0	0	0	0	49
158.0-158.9	47	154	102	2711	1374	0	0	0	0	0	49
159.0-159.9	47	154	0	0	0	0	0	0	0	0	0
160.0-160.9	47	154	135	1372	1177	0	0	0	0	0	25
161.0-161.9	47	154	0	0	0	0	0	0	0	0	49
162.0-162.9	47	154	0	0	0	0	0	0	0	0	0
163.0-163.9	47	154	305	1171	589	480	0	0	0	0	0
164.0-164.9	47	154	0	0	0	0	0	0	0	0	49
165.0-165.9	47	154	135	335	0	1200	0	0	0	0	74
166.0-166.9	47	154	0	0	0	0	0	0	0	0	99
167.0-167.9	47	154	271	268	0	480	0	0	0	0	25
168.0-168.9	47	154	0	0	0	0	0	0	0	0	0
169.0-169.9	47	154	0	0	0	0	0	0	0	0	0
170.0-170.9	47	154	68	402	196	240	0	0	0	0	25
171.0-171.9	43	139	0	0	0	0	0	0	0	0	25
172.0-172.9	43	139	271	100	0	1680	0	0	0	0	0
173.0-173.9	43	139	0	0	0	0	0	0	0	0	0
174.0-174.9	43	139	0	0	0	0	0	0	0	0	0
175.0-175.9	43	139	474	134	0	720	0	0	0	0	0
176.0-176.9	43	139	0	0	0	0	0	0	0	0	0
177.0-177.9	43	139	305	469	0	720	0	0	0	0	0
178.0-178.9	43	139	0	0	0	0	0	0	0	0	25
179.0-179.9	43	139	0	0	0	0	0	0	0	0	0
180.0-180.9	43	139	135	134	0	480	0	0	0	74	0
181.0-181.9	43	139	0	0	0	0	0	0	0	74	0
182.0-182.9	43	139	237	201	0	240	0	0	0	0	0
183.0-183.9	43	139	0	0	0	0	0	0	0	0	25
184.0-184.9	43	139	203	201	0	0	0	0	0	0	0
185.0-185.9	8	26	0	0	0	0	0	0	0	0	0
186.0-186.9	8	26	0	0	0	0	0	0	0	0	0
187.0-187.9	8	26	68	167	0	240	0	0	0	0	0
188.0-188.9	8	26	0	0	0	0	0	0	0	0	0
189.0-189.9	8	26	135	100	0	0	0	0	0	0	0
190.0-190.9	8	26	0	0	0	0	0	0	0	0	0
191.0-191.9	8	26	0	0	0	0	0	0	0	0	0
192.0-192.9	8	26	102	67	0	0	0	0	0	0	0
193.0-193.9	8	26	0	0	0	0	0	0	0	0	0
194.0-194.9	8	26	68	134	0	0	0	0	0	0	0
195.0-195.9	8	26	0	0	0	0	0	0	0	0	25
196.0-196.9	8	26	68	67	0	0	0	0	0	0	0
197.0-197.9	8	26	0	0	0	0	0	0	0	0	0
198.0-198.9	8	26	0	0	0	0	0	0	0	0	0
199.0-199.9	4	12	68	33	0	240	0	0	0	0	0
200.0-200.9	4	12	0	0	0	0	0	0	0	0	0
201.0-201.9	4	12	34	100	0	0	0	0	0	0	0
202.0-202.9	4	12	0	0	0	0	0	0	0	0	0
203.0-203.9	4	12	0	0	0	0	0	0	0	0	0
204.0-204.9	4	12	34	67	0	0	0	0	0	0	0
205.0-205.9	4	12	0	0	0	0	0	0	0	0	0
206.0-206.9	4	12	0	0	0	0	0	0	0	0	0
207.0-207.9	4	12	0	0	0	0	0	0	0	0	0
208.0-208.9	4	12	0	0	0	0	0	0	0	0	0
209.0-209.9	4	12	68	0	0	0	0	0	0	0	0
210.0-210.9	4	12	0	0	0	0	0	0	0	0	0
213.0-213.9	0	0	68	0	0	0	0	0	0	0	0
216.0-216.9	0	0	0	33	0	0	0	0	0	0	0
221.0-221.9	0	0	0	33	0	0	0	0	0	0	0
226.0-226.9	0	0	0	33	0	0	0	0	0	0	0
228.0-228.9	0	0	34	33	0	0	0	0	0	0	0
230.0-230.9	0	0	34	0	0	0	0	0	0	0	0
235.0-235.9	0	0	0	33	0	0	0	0	0	0	0
238.0-238.9	0	0	0	33	0	0	0	0	0	0	0
TOTAL # FISH	4992	16199	110620	188002	161901	244547	190637	160177	49071	61477	195178

TOTAL CATCH(MT)		278	903	3768	5446	4570	2871	1007	2082	687	1118	3127
TASK1 MT OR # FISH		277	903	3767	5447	4571	2870	1006	2083	688	1118	3126
# FISH(ORIG.REC)	4992.	.1620E+05		.1106E+06	.1880E+06	.1619E+06	.2445E+06	.1906E+06	.1602E+06	.4907E+05	.6148E+05	.1952E+06
WT(ORIGINAL REC)	278.4	903.4		3768.	5446.	4570.	2871.	1007.	2082.	687.5	1118.	3127.
RAISING FACTOR	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	141.0	141.0		120.7	112.8	111.8	82.98	63.28	85.92	88.13	96.27	92.22
MEAN WEIGHT (KG)	55.76	55.77		34.06	28.97	28.23	11.74	5.280	13.00	14.01	18.18	16.02

AREA WEST
COUNTRY USA
GEAR PS

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3	3
35.0- 35.9	0	0	0	0	0	0	0	0	0	28	304
38.0- 38.9	0	0	0	0	0	28	0	0	0	0	0
39.0- 39.9	0	0	0	0	0	28	0	0	0	0	0
47.0- 47.9	0	0	0	21	0	0	0	0	0	0	0
48.0- 48.9	0	0	0	84	0	0	0	0	0	0	0
49.0- 49.9	123	16	0	210	0	0	0	0	0	0	0
50.0- 50.9	246	16	15	358	21	0	1	0	0	0	0
51.0- 51.9	677	16	30	695	43	0	1	0	0	0	0
52.0- 52.9	2091	179	59	1873	149	0	1	0	0	0	0
53.0- 53.9	2768	294	162	3157	425	40	0	0	0	28	54
54.0- 54.9	2522	33	251	3199	1425	158	17	28	0	0	0
55.0- 55.9	2891	930	502	2610	2382	435	17	28	0	0	0
56.0- 56.9	1845	359	893	1810	4637	528	78	0	0	28	52
57.0- 57.9	1415	1876	428	1326	6530	318	61	57	0	0	0
58.0- 58.9	923	3963	443	1389	5765	184	148	85	0	151	263
59.0- 59.9	738	6491	236	1221	4339	105	86	171	0	84	156
60.0- 60.9	615	8432	140	1389	2638	26	128	285	23	223	415
61.0- 61.9	308	9509	111	1137	1106	0	42	199	23	112	211
62.0- 62.9	369	5757	111	463	255	13	49	285	0	112	208
63.0- 63.9	492	2740	148	295	85	13	7	541	0	56	126
64.0- 64.9	738	2479	52	84	64	0	7	607	0	112	215
65.0- 65.9	1538	473	111	21	43	0	0	578	0	0	0
66.0- 66.9	2153	310	96	0	85	0	7	341	0	56	107
67.0- 67.9	3444	473	148	0	149	0	7	151	0	151	269
68.0- 68.9	2829	1484	96	0	319	28	9	94	0	78	107
69.0- 69.9	2153	1272	229	0	936	28	2	19	0	95	183
70.0- 70.9	3506	1337	598	63	2872	41	10	19	0	0	0
71.0- 71.9	2645	2120	1417	84	5445	121	8	38	23	28	97
72.0- 72.9	4552	3719	2177	105	10785	108	166	76	70	11	0
73.0- 73.9	5474	2283	3439	274	15230	191	158	123	141	100	150
74.0- 74.9	7135	1713	3971	358	20676	480	666	161	141	55	109
75.0- 75.9	7012	2234	5580	589	21399	944	508	123	352	0	0
76.0- 76.9	8980	4387	6332	1031	19931	1394	2010	104	516	100	411
77.0- 77.9	9103	5855	5823	1158	17272	1603	1501	208	469	133	326
78.0- 78.9	9165	5725	5454	1978	10614	1440	3307	427	704	494	767
79.0- 79.9	6643	8448	4318	1663	7275	998	1806	503	1009	139	52
80.0- 80.9	4306	12004	2650	1536	4190	763	2815	579	1103	305	506
81.0- 81.9	1784	10096	1469	1052	2255	450	1010	607	799	699	1208
82.0- 82.9	1046	5920	583	1137	915	150	1579	607	588	327	529
83.0- 83.9	615	3229	406	1137	638	151	570	655	493	828	979
84.0- 84.9	800	4159	199	926	447	123	748	522	188	133	0
85.0- 85.9	185	3458	74	947	319	109	178	360	23	234	256
86.0- 86.9	185	1680	125	821	106	81	200	322	23	1416	2255
87.0- 87.9	123	473	44	484	64	54	22	266	23	300	434
88.0- 88.9	0	196	15	695	43	134	28	199	23	875	1389
89.0- 89.9	62	343	30	379	0	307	6	247	94	78	106
90.0- 90.9	246	343	15	737	21	883	6	246	94	217	404
91.0- 91.9	308	669	30	779	21	1327	0	303	94	955	1779
92.0- 92.9	492	1647	111	1263	21	1895	15	389	94	245	437
93.0- 93.9	431	1957	111	1452	85	3651	15	247	94	0	0
94.0- 94.9	923	2414	236	1600	128	5597	36	560	284	675	1473
95.0- 95.9	923	1191	325	1494	85	6510	21	864	612	391	759
96.0- 96.9	1292	2169	214	1494	149	7460	35	987	800	647	1506
97.0- 97.9	800	1256	568	1410	277	8342	14	1082	847	250	462
98.0- 98.9	2030	1729	635	1137	447	6881	85	569	1103	78	107
99.0- 99.9	2706	3621	1491	1073	468	4437	71	940	1412	418	1134
100.0-100.9	5597	2349	1882	1389	298	2828	277	1386	1365	251	509
101.0-101.9	3383	1810	2140	905	234	1611	206	1120	1291	283	1271
102.0-102.9	2952	2968	2841	779	277	820	430	1034	1626	183	445
103.0-103.9	2337	1582	2214	421	425	354	224	864	1415	22	0
104.0-104.9	3690	424	1624	505	511	150	461	996	950	649	2396
105.0-105.9	3137	1386	1306	337	532	108	236	1139	762	266	870
106.0-106.9	2522	1240	745	147	574	40	366	996	399	671	2395
107.0-107.9	2460	0	487	253	617	28	130	702	352	66	66
108.0-108.9	2030	0	317	0	553	41	204	342	540	344	561
109.0-109.9	2091	310	177	84	489	26	74	218	427	604	1768
110.0-110.9	2645	0	74	21	681	13	95	199	240	333	514
111.0-111.9	2030	0	89	42	659	0	21	114	117	489	1184
112.0-112.9	3014	0	0	21	511	0	102	38	95	55	22
113.0-113.9	3875	0	52	42	1298	0	81	47	142	212	317
114.0-114.9	4306	0	0	126	1510	0	195	28	211	451	823
115.0-115.9	4183	0	30	21	1042	0	113	28	235	139	74
116.0-116.9	3752	0	0	63	893	0	392	47	141	323	606
117.0-117.9	3567	82	15	126	936	0	279	19	117	0	0
118.0-118.9	4306	0	0	168	596	0	1081	9	235	250	419
119.0-119.9	3014	82	30	84	1000	0	803	66	542	300	233
120.0-120.9	3383	82	96	210	1851	0	2321	76	518	61	54
121.0-121.9	1968	147	125	295	1106	0	1519	123	399	515	384
122.0-122.9	2460	82	207	358	872	0	2984	123	668	0	0
123.0-123.9	2091	326	133	526	1085	0	1465	104	832	167	147
124.0-124.9	1907	82	339	526	638	0	3011	199	1318	383	284
125.0-125.9	1538	391	494	379	425	0	1546	161	1083	122	215
126.0-126.9	677	147	716	526	532	0	2265	104	915	0	0
127.0-127.9	369	163	576	568	340	0	718	304	1753	546	956
128.0-128.9	615	603	421	400	149	0	1013	399	2012	167	479
129.0-129.9	246	261	546	379	85	0	295	456	1285	295	482
130.0-130.9	0	147	221	568	43	0	444	427	1073	134	251
131.0-131.9	0	310	236	253	64	0	149	180	1173	0	0
132.0-132.9	0	163	133	189	106	0	234	361	739	445	1000
133.0-133.9	0	440	89	84	170	0	85	550	551	151	371
134.0-134.9	0	82	0	147	128	0	113	579	258	284	823
135.0-135.9	62	82	0	21	85	0	28	522	339	84	286
136.0-136.9	62	228	0	168	43	0	28	332	292	0	0
137.0-137.9	0	147	15	189	21	0	0	390	110	279	722
138.0-138.9	0	147	15	147	21	0	7	306	86	28	76
139.0-139.9	0	0	30	147	0	0	7	229	23	117	460
140.0-140.9	0	294	15	168	0	0	7	247	37	0	0
141.0-141.9	0	147	0	189	0	0	0	161	14	39	118
142.0-142.9	62	440	0	253	21	0	14	351	2	28	271
143.0-143.9	62	294	59	126	21	0	14	332	2	28	95
144.0-144.9	0	538	59	63	0	0	21	240	0	33	196

145.0-145.9	0	375	89	189	0	0	7	240	2	0	22
146.0-146.9	0	147	59	274	0	0	14	180	2	11	154
147.0-147.9	0	294	148	147	0	0	7	390	21	67	22
148.0-148.9	0	228	59	274	0	0	28	438	21	22	44
149.0-149.9	0	147	103	63	0	0	21	429	0	50	0
150.0-150.9	0	228	118	168	21	0	28	363	2	0	22
151.0-151.9	0	0	89	168	43	0	7	190	25	33	89
152.0-152.9	0	0	317	168	21	0	35	258	57	72	22
153.0-153.9	0	0	244	63	0	0	28	281	33	0	43
154.0-154.9	0	0	229	84	0	0	71	254	23	89	0
155.0-155.9	123	0	199	42	0	0	43	218	57	0	0
156.0-156.9	0	0	221	21	0	0	50	106	33	0	43
157.0-157.9	0	0	199	42	0	0	7	59	0	84	0
158.0-158.9	0	0	162	21	21	0	43	49	0	28	0
159.0-159.9	0	0	133	0	21	0	35	21	0	0	1
160.0-160.9	0	0	89	21	0	0	78	52	43	84	0
161.0-161.9	0	0	15	0	0	0	43	44	43	11	3
162.0-162.9	0	0	0	0	0	0	113	12	17	39	0
163.0-163.9	0	0	15	21	0	0	71	21	40	0	0
164.0-164.9	0	0	15	0	0	0	121	12	23	0	23
165.0-165.9	0	0	0	0	0	0	50	1	15	113	0
166.0-166.9	0	0	0	21	0	0	106	7	15	0	22
167.0-167.9	0	0	0	21	0	0	57	7	0	168	1
168.0-168.9	0	0	0	21	0	0	85	1	4	0	0
169.0-169.9	0	0	0	0	0	0	28	0	4	0	0
170.0-170.9	0	0	0	0	0	0	71	0	11	84	0
171.0-171.9	0	0	0	0	0	0	43	0	11	0	3
172.0-172.9	0	0	0	0	0	0	43	0	0	86	2
173.0-173.9	0	0	0	0	0	0	0	5	10	0	2
174.0-174.9	0	0	0	0	0	0	14	0	10	0	0
175.0-175.9	0	0	0	0	0	0	14	0	5	84	1
176.0-176.9	0	0	0	0	1	0	14	0	5	0	3
177.0-177.9	0	0	0	1	1	0	0	0	0	56	0
178.0-178.9	0	147	0	0	1	0	0	0	4	3	5
179.0-179.9	0	0	0	0	0	0	0	0	4	0	1
180.0-180.9	0	0	0	0	0	0	0	2	1	85	0
181.0-181.9	0	82	0	1	1	0	0	0	1	0	7
182.0-182.9	0	82	0	0	1	0	0	11	0	223	0
183.0-183.9	0	0	0	0	1	0	0	16	0	1	6
184.0-184.9	0	0	0	0	0	0	0	0	0	2	0
185.0-185.9	0	0	30	0	1	0	0	0	0	114	4
186.0-186.9	0	0	0	0	1	0	0	1	0	1	7
187.0-187.9	0	0	0	0	2	0	0	1	0	4	4
188.0-188.9	0	0	0	0	1	2	1	6	0	309	1
189.0-189.9	0	0	0	1	3	4	1	6	0	14	3
190.0-190.9	0	0	0	0	2	2	0	0	0	249	4
191.0-191.9	0	0	0	0	5	0	0	2	0	63	4
192.0-192.9	0	0	0	0	3	0	0	6	0	42	6
193.0-193.9	0	0	0	1	8	0	1	15	0	205	13
194.0-194.9	0	0	0	0	5	2	1	1	0	24	8
195.0-195.9	0	0	15	0	12	2	1	3	0	142	18
196.0-196.9	0	0	0	0	6	0	1	4	0	14	8
197.0-197.9	0	0	0	0	9	2	0	27	0	19	23
198.0-198.9	0	0	0	0	3	2	3	2	0	152	20
199.0-199.9	0	0	0	1	11	0	3	0	0	25	19
200.0-200.9	0	0	0	0	8	0	1	2	0	122	16
201.0-201.9	0	0	0	0	16	2	2	7	0	17	12
202.0-202.9	0	0	0	1	8	4	1	5	0	22	25
203.0-203.9	0	0	0	0	21	4	1	0	0	58	36
204.0-204.9	0	0	0	1	18	2	1	0	0	12	23
205.0-205.9	0	0	0	0	5	0	1	13	0	4	31
206.0-206.9	0	0	0	3	8	0	1	0	6	6	24
207.0-207.9	0	0	0	0	3	4	0	2	6	3	11
208.0-208.9	0	0	0	0	7	6	1	0	3	35	50
209.0-209.9	0	0	0	1	4	2	2	5	3	13	18
210.0-210.9	0	0	0	1	6	0	1	2	0	3	26
211.0-211.9	0	0	0	1	9	2	1	2	3	6	10
212.0-212.9	0	0	0	0	3	6	0	0	3	12	33
213.0-213.9	0	0	0	1	10	6	1	5	3	5	8
214.0-214.9	0	0	0	0	7	2	1	0	3	10	32
215.0-215.9	0	0	0	1	10	2	2	1	0	5	22
216.0-216.9	0	0	0	1	14	4	2	2	0	11	9
217.0-217.9	0	0	0	3	4	2	0	1	0	9	18
218.0-218.9	0	0	0	0	10	2	1	1	0	7	8
219.0-219.9	0	0	0	1	9	4	2	1	0	3	10
220.0-220.9	0	0	0	1	3	6	1	1	0	8	6
221.0-221.9	0	0	0	0	6	6	5	0	3	12	12
222.0-222.9	0	0	0	1	4	6	5	0	3	9	10
223.0-223.9	0	0	0	1	2	4	7	0	0	4	1
224.0-224.9	0	0	0	1	11	4	7	2	0	5	10
225.0-225.9	0	0	0	1	13	8	0	0	0	7	17
226.0-226.9	0	0	0	1	4	4	7	1	0	6	7
227.0-227.9	0	0	0	1	10	8	8	1	0	2	8
228.0-228.9	0	0	0	3	16	12	5	1	0	2	8
229.0-229.9	0	0	0	3	8	12	4	1	0	0	3
230.0-230.9	0	0	0	4	3	12	0	0	0	1	7
231.0-231.9	0	0	0	5	13	6	15	2	0	6	6
232.0-232.9	0	0	0	0	16	10	16	2	0	1	7
233.0-233.9	0	0	0	8	6	16	19	1	0	3	6
234.0-234.9	0	0	0	3	8	10	18	1	9	1	6
235.0-235.9	0	0	0	3	16	6	0	0	9	2	2
236.0-236.9	0	0	0	3	21	4	15	2	6	0	8
237.0-237.9	0	0	0	3	21	6	15	2	6	1	2
238.0-238.9	0	0	0	4	7	12	14	2	0	0	3
239.0-239.9	0	0	0	7	14	10	14	2	14	1	6
240.0-240.9	0	0	0	0	21	16	0	0	14	1	6
241.0-241.9	0	0	0	14	25	16	21	1	17	2	1
242.0-242.9	0	0	0	4	12	18	21	2	17	1	2
243.0-243.9	0	0	0	4	12	16	19	5	0	0	5
244.0-244.9	0	0	0	8	30	6	19	2	43	3	1
245.0-245.9	0	0	0	4	27	10	1	2	43	0	2
246.0-246.9	0	0	0	4	26	14	21	2	23	0	6
247.0-247.9	0	0	0	1	32	10	21	1	23	2	5
248.0-248.9	0	0	0	1	15	10	22	2	0	1	3
249.0-249.9	0	0	0	8	18	12	21	1	66	1	1
250.0-250.9	0	0	0	1	33	25	0	0	66	3	1
251.0-251.9	0	0	0	5	27	31	17	3	0	2	0
252.0-252.9	0	0	0	5	26	14	18	7	49	4	0

253.0-253.9	0	0	0	8	25	8	1	3	49	2	1
254.0-254.9	0	0	0	3	22	12	12	3	51	1	1
255.0-255.9	0	0	0	0	12	12	12	6	51	5	0
256.0-256.9	0	0	0	3	14	4	22	4	69	0	0
257.0-257.9	0	0	0	0	21	6	22	1	69	3	0
258.0-258.9	0	0	0	0	17	16	0	4	0	2	0
259.0-259.9	0	0	0	0	16	12	8	2	34	4	1
260.0-260.9	0	0	0	3	17	6	8	5	34	3	0
261.0-261.9	0	0	0	4	14	10	9	2	0	5	0
262.0-262.9	0	0	0	1	10	12	9	5	29	2	2
263.0-263.9	0	0	0	1	9	10	0	0	29	4	0
264.0-264.9	0	0	0	1	8	6	6	4	23	3	1
265.0-265.9	0	0	0	0	8	4	6	2	23	3	1
266.0-266.9	0	0	0	0	12	6	7	3	0	3	0
267.0-267.9	0	0	0	0	10	6	7	2	34	0	0
268.0-268.9	0	0	0	0	6	2	0	0	34	2	0
269.0-269.9	0	0	0	0	4	2	6	2	20	4	0
270.0-270.9	0	0	0	0	3	8	6	0	20	0	0
271.0-271.9	0	0	0	0	3	6	2	0	0	5	0
272.0-272.9	0	0	0	1	1	0	2	0	9	3	0
273.0-273.9	0	0	0	0	1	4	0	0	9	1	0
274.0-274.9	0	0	0	0	1	4	2	0	9	1	0
275.0-275.9	0	0	0	1	1	0	2	0	9	0	1
276.0-276.9	0	0	0	0	1	0	0	0	0	2	0
277.0-277.9	0	0	0	0	2	0	0	0	14	1	1
278.0-278.9	0	0	0	0	2	0	0	0	14	1	0
279.0-279.9	0	0	0	0	0	0	1	0	6	1	2
280.0-280.9	0	0	0	0	0	0	1	0	6	0	0
281.0-281.9	0	0	0	0	0	0	1	0	0	2	0
282.0-282.9	0	0	0	0	0	2	1	0	0	1	1
283.0-283.9	0	0	0	0	0	2	0	0	0	0	0
284.0-284.9	0	0	0	0	0	0	0	0	3	1	0
285.0-285.9	0	0	0	0	0	0	0	0	3	0	0
286.0-286.9	0	0	0	0	0	0	0	0	0	1	2
287.0-287.9	0	0	0	0	0	0	1	0	0	1	0
288.0-288.9	0	0	0	0	0	0	1	0	0	0	0
289.0-289.9	0	0	0	0	0	0	0	1	0	1	0
290.0-290.9	0	0	0	0	0	0	0	1	3	0	0
291.0-291.9	0	0	0	0	0	0	0	0	3	0	0
TOTAL # FISH	194866	163183	73797	64598	196147	65166	44260	36339	40586	24637	43735

TOTAL CATCH(MT)	2833	1751	1021	849	2028	1234	1222	967	1425	752	1055
TASKI MT OR # FISH	2834	1751	1021	804	2029	1234	1058	913	1425	631	902
# FISH(ORIG.REC)	.1949E+06	.1632E+06	.7380E+05	.6460E+05	.1961E+06	.6517E+05	.4426E+05	.3634E+05	.4059E+05	.2464E+05	.4374E+05
MT(ORIGINAL REC)	2833.	1751.	1021.	849.5	2028.	1234.	1222.	967.0	1425.	752.2	1055.
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	90.08	80.50	87.76	85.09	78.57	94.25	106.8	106.7	113.6	111.7	103.9
MEAN WEIGHT (KG)	14.54	10.73	13.84	13.15	10.34	18.94	27.60	26.61	35.11	30.53	24.13

AREA WEST
COUNTRY USA
GEAR TRAP

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	3
89.0- 89.9	0	0	0	1	0	0	0	0	0	0	0
90.0- 90.9	0	0	2	1	0	0	0	0	0	0	0
91.0- 91.9	0	0	2	1	0	0	0	0	0	0	0
92.0- 92.9	0	0	2	1	0	0	0	0	0	0	0
93.0- 93.9	0	0	2	1	0	0	0	0	0	0	0
94.0- 94.9	0	0	2	2	0	0	0	0	0	0	0
95.0- 95.9	0	0	2	1	0	0	0	0	0	0	0
96.0- 96.9	0	0	3	1	0	0	0	0	0	0	0
97.0- 97.9	0	0	3	1	0	0	0	0	0	0	0
98.0- 98.9	0	0	3	1	0	0	0	0	0	0	0
99.0- 99.9	0	0	3	0	0	0	0	0	0	0	0
100.0-100.9	0	0	3	0	2	0	0	0	0	0	0
101.0-101.9	0	0	0	0	2	0	0	0	0	0	0
102.0-102.9	0	0	0	0	2	0	0	0	0	0	0
103.0-103.9	0	0	0	0	2	0	0	0	0	0	0
104.0-104.9	0	0	0	0	2	0	0	0	0	0	0
105.0-105.9	0	0	5	0	0	0	0	0	0	0	0
106.0-106.9	0	0	5	0	0	0	0	0	0	0	0
107.0-107.9	0	0	5	0	0	0	0	0	0	0	0
108.0-108.9	0	0	5	0	0	0	0	0	0	0	0
109.0-109.9	0	0	5	0	0	0	0	0	0	0	0
110.0-110.9	0	0	0	3	0	0	0	0	0	0	0
111.0-111.9	0	0	0	3	0	0	0	0	0	0	0
112.0-112.9	0	0	0	3	0	0	0	0	0	0	0
113.0-113.9	0	0	0	5	0	0	0	0	0	0	0
114.0-114.9	0	3	0	2	0	0	0	0	0	0	0
115.0-115.9	0	3	0	2	0	0	0	0	0	0	0
116.0-116.9	0	3	0	2	0	0	0	0	0	0	0
117.0-117.9	0	3	3	9	0	0	0	0	0	0	0
118.0-118.9	0	0	3	8	0	0	0	0	0	0	0
119.0-119.9	0	0	6	8	0	0	0	0	0	0	0
120.0-120.9	0	0	6	8	0	1	0	0	0	0	0
121.0-121.9	15	0	3	0	0	1	1	0	0	0	0
122.0-122.9	15	0	3	0	0	1	1	0	0	0	0
123.0-123.9	15	3	4	0	0	3	1	0	0	0	0
124.0-124.9	0	3	4	0	0	2	0	0	0	0	0
125.0-125.9	0	3	4	0	0	2	0	0	0	0	0
126.0-126.9	0	3	0	0	0	1	0	0	0	0	0
127.0-127.9	0	0	0	0	0	2	0	0	0	0	0
128.0-128.9	0	0	0	0	0	2	0	0	0	0	0
129.0-129.9	0	0	3	0	0	2	0	0	0	0	0
130.0-130.9	0	0	3	0	0	2	0	0	0	0	0
131.0-131.9	0	0	3	0	0	1	0	0	0	0	0
132.0-132.9	15	0	8	3	0	3	0	0	0	0	0
133.0-133.9	15	0	4	3	0	4	1	0	0	0	0
134.0-134.9	15	0	4	3	0	4	1	0	0	0	0
135.0-135.9	0	0	4	2	0	4	1	0	0	0	0
136.0-136.9	0	5	9	2	0	4	0	0	0	0	0
137.0-137.9	0	5	9	2	0	4	0	0	0	0	0
138.0-138.9	0	9	9	3	0	6	0	0	0	0	0
139.0-139.9	0	5	4	3	0	4	0	0	0	0	0
140.0-140.9	0	5	9	3	2	5	0	0	0	0	0
141.0-141.9	0	0	4	0	2	3	0	0	0	0	0
142.0-142.9	0	0	4	2	2	3	1	0	0	0	0
143.0-143.9	0	0	0	3	2	4	1	0	0	0	0
144.0-144.9	0	0	0	3	2	2	1	0	0	0	0
145.0-145.9	0	0	0	8	0	3	0	0	0	0	0
146.0-146.9	0	0	0	7	0	1	1	0	0	0	0
147.0-147.9	0	0	0	0	0	2	2	0	0	0	0
148.0-148.9	0	0	0	0	5	0	1	3	0	0	0
149.0-149.9	0	7	0	5	0	0	1	0	0	0	1
150.0-150.9	0	7	0	3	5	1	1	1	0	0	0
151.0-151.9	0	0	0	0	5	1	1	0	0	0	0
152.0-152.9	15	0	0	3	5	3	2	0	0	0	0
153.0-153.9	38	0	0	8	5	2	2	0	0	0	0
154.0-154.9	38	0	4	8	5	4	2	0	0	0	0
155.0-155.9	0	0	4	0	0	4	1	0	0	0	0
156.0-156.9	30	0	9	3	0	8	1	0	0	0	0
157.0-157.9	30	0	4	3	0	6	6	0	0	0	0
158.0-158.9	30	0	4	3	0	6	6	0	0	0	1
159.0-159.9	0	0	0	0	0	8	3	0	0	0	1
160.0-160.9	0	0	0	7	0	8	3	0	0	0	5
161.0-161.9	23	0	0	7	0	10	2	1	0	0	0
162.0-162.9	23	0	0	0	0	11	4	1	0	0	0
163.0-163.9	0	0	0	2	0	7	2	0	0	0	0
164.0-164.9	15	0	0	3	0	14	3	0	0	0	0
165.0-165.9	15	0	0	3	5	7	1	0	0	0	0
166.0-166.9	15	0	4	2	5	12	1	0	0	0	1
167.0-167.9	0	0	4	2	5	11	0	0	0	0	0
168.0-168.9	0	0	4	2	5	21	2	0	0	0	0
169.0-169.9	0	0	0	0	5	11	2	0	0	0	0
170.0-170.9	0	7	0	0	3	19	0	0	0	0	0
171.0-171.9	0	7	0	2	3	13	0	0	0	0	0
172.0-172.9	0	0	6	2	3	15	1	0	0	0	0
173.0-173.9	0	0	6	2	3	20	2	0	0	0	0
174.0-174.9	0	0	0	0	3	8	1	0	0	0	0
175.0-175.9	0	0	0	0	4	0	13	2	0	0	1
176.0-176.9	0	0	0	0	4	0	14	4	1	0	0
177.0-177.9	0	0	0	6	2	0	8	3	1	0	0
178.0-178.9	23	0	0	6	7	0	11	6	3	0	0
179.0-179.9	23	0	0	0	7	0	12	4	3	0	0
180.0-180.9	0	5	0	0	0	3	8	1	1	0	0
181.0-181.9	0	5	0	0	0	3	15	3	2	0	0
182.0-182.9	0	5	0	0	0	3	19	2	1	0	0
183.0-183.9	0	0	0	0	0	3	5	0	1	1	0
184.0-184.9	0	0	0	0	0	3	4	3	1	1	0
185.0-185.9	0	0	6	7	2	5	4	2	1	0	1
186.0-186.9	0	0	6	7	2	2	1	1	0	0	0
187.0-187.9	0	0	13	2	2	5	4	2	0	0	0
188.0-188.9	0	0	13	2	2	6	4	2	0	0	0
189.0-189.9	0	0	0	2	2	2	0	0	0	0	0

190.0-190.9	0	0	0	5	3	9	1	0	0		
191.0-191.9	0	0	0	5	3	9	2	1	0	1	1
192.0-192.9	0	0	0	5	3	3	1	2	0	1	0
193.0-193.9	0	0	0	5	3	1	2	3	0	1	0
194.0-194.9	0	0	13	5	3	2	2	3	1	1	0
195.0-195.9	0	0	13	5	2	5	4	2	2	0	1
196.0-196.9	0	0	0	2	2	3	4	1	1	0	0
197.0-197.9	0	0	6	2	2	4	2	0	0	0	0
198.0-198.9	0	0	6	2	2	5	2	1	0	0	0
199.0-199.9	23	0	0	2	2	2	0	2	1	0	0
200.0-200.9	23	0	0	2	0	1	0	1	1	1	0
201.0-201.9	0	0	6	0	0	1	0	0	0	1	0
202.0-202.9	23	0	6	5	0	5	3	3	0	1	1
203.0-203.9	23	0	6	7	0	6	6	4	0	1	1
204.0-204.9	0	0	6	2	0	8	4	1	2	1	0
205.0-205.9	0	0	0	5	0	6	1	1	0	2	1
206.0-206.9	0	0	0	5	0	2	0	1	0	2	0
207.0-207.9	0	0	13	9	0	6	0	0	0	2	2
208.0-208.9	0	0	13	11	0	10	1	1	0	2	3
209.0-209.9	0	0	0	11	0	15	4	5	0	2	1
210.0-210.9	0	0	0	11	0	10	6	6	1	3	3
211.0-211.9	0	0	6	2	0	6	3	6	1	3	4
212.0-212.9	0	0	6	5	0	13	3	6	1	3	1
213.0-213.9	0	0	0	5	0	12	3	4	1	3	1
214.0-214.9	23	0	0	2	0	12	5	1	0	3	3
215.0-215.9	90	14	6	2	2	12	7	2	0	2	5
216.0-216.9	68	14	6	0	2	3	0	2	0	2	0
217.0-217.9	0	14	13	18	2	12	2	3	0	2	5
218.0-218.9	23	0	0	0	2	4	0	0	1	2	4
219.0-219.9	23	7	6	0	2	19	3	4	1	2	4
220.0-220.9	0	14	19	0	9	16	1	2	0	3	4
221.0-221.9	0	20	13	11	9	6	3	3	0	3	4
222.0-222.9	23	14	0	11	9	8	3	4	0	3	1
223.0-223.9	23	14	0	11	9	10	6	3	1	3	3
224.0-224.9	23	14	6	11	9	7	9	2	1	3	4
225.0-225.9	23	7	6	2	20	7	6	3	0	3	7
226.0-226.9	0	7	0	2	20	10	4	3	1	3	7
227.0-227.9	0	0	0	5	20	9	2	0	4	3	6
228.0-228.9	0	0	0	9	20	10	7	6	1	3	6
229.0-229.9	68	14	0	11	20	15	10	13	2	3	2
230.0-230.9	23	14	13	11	36	4	2	2	4	2	1
231.0-231.9	45	14	0	0	36	8	4	9	0	2	5
232.0-232.9	0	41	26	14	36	16	6	9	0	2	3
233.0-233.9	0	0	0	0	36	12	0	15	0	2	7
234.0-234.9	45	0	0	5	36	18	4	19	0	2	2
235.0-235.9	0	0	0	0	5	10	5	11	2	3	3
236.0-236.9	45	20	0	7	5	30	2	27	2	3	4
237.0-237.9	0	14	0	9	5	15	7	18	0	3	7
238.0-238.9	0	7	6	9	5	13	13	8	3	3	5
239.0-239.9	0	0	19	5	5	14	8	17	1	3	6
240.0-240.9	0	0	26	2	9	13	7	24	0	1	3
241.0-241.9	45	7	6	9	9	10	4	14	0	1	7
242.0-242.9	0	7	6	5	9	9	6	11	0	1	4
243.0-243.9	0	0	0	2	9	9	4	15	0	1	2
244.0-244.9	0	0	0	2	9	6	6	18	0	1	4
245.0-245.9	23	7	0	7	15	5	7	16	2	4	6
246.0-246.9	23	7	0	7	15	6	4	10	1	4	3
247.0-247.9	68	0	19	0	15	21	13	19	3	4	7
248.0-248.9	45	0	6	0	15	3	8	8	3	4	4
249.0-249.9	23	0	13	0	15	8	9	11	2	4	6
250.0-250.9	0	0	13	0	12	13	8	14	1	3	1
251.0-251.9	0	0	0	5	12	6	8	17	4	3	3
252.0-252.9	0	0	13	0	12	5	10	12	3	3	1
253.0-253.9	0	0	13	2	12	14	7	11	1	3	1
254.0-254.9	0	0	0	7	12	4	7	16	1	3	2
255.0-255.9	0	20	0	2	10	15	7	16	3	2	4
256.0-256.9	0	7	0	2	10	10	10	4	0	2	3
257.0-257.9	0	7	6	0	10	0	8	4	4	2	3
258.0-258.9	0	7	6	0	10	1	18	14	4	2	1
259.0-259.9	0	0	0	0	10	3	9	6	3	2	0
260.0-260.9	0	0	0	0	2	2	8	3	3	0	2
261.0-261.9	0	0	0	0	2	2	8	12	0	0	0
262.0-262.9	0	0	0	0	2	2	7	5	0	0	3
263.0-263.9	0	0	0	0	2	2	9	4	3	0	1
264.0-264.9	0	0	0	0	2	1	10	7	2	0	2
265.0-265.9	0	0	0	0	0	1	8	1	1	1	0
266.0-266.9	0	0	0	0	0	0	8	3	0	1	0
267.0-267.9	0	0	0	0	0	0	9	0	0	1	2
268.0-268.9	0	0	0	0	0	1	9	0	0	1	0
269.0-269.9	0	0	0	0	0	1	3	3	0	1	0
270.0-270.9	0	0	0	0	0	0	4	1	0	0	0
271.0-271.9	0	0	0	0	0	2	11	0	0	0	0
272.0-272.9	0	0	0	0	0	0	3	0	0	0	1
273.0-273.9	0	0	0	0	0	0	6	0	2	0	0
274.0-274.9	0	0	0	0	0	0	2	0	0	0	0
275.0-275.9	0	0	0	0	0	0	6	0	0	0	0
276.0-276.9	0	0	0	0	0	0	2	0	0	0	0
277.0-277.9	0	0	0	0	0	0	2	0	0	0	0
278.0-278.9	0	0	0	0	0	0	1	0	0	0	0
279.0-279.9	0	0	0	0	0	0	8	0	0	0	0
280.0-280.9	0	0	0	0	0	0	1	0	0	0	0
281.0-281.9	0	0	0	0	0	0	3	0	0	0	0
282.0-282.9	0	0	0	0	0	0	3	0	0	0	0
283.0-283.9	0	0	0	0	0	0	3	0	0	0	0
284.0-284.9	0	0	0	0	0	0	1	0	0	0	0
285.0-285.9	0	0	0	0	0	0	2	0	0	0	0
286.0-286.9	0	0	0	0	0	0	3	0	0	0	0
287.0-287.9	0	0	0	0	0	0	3	0	0	0	0
292.0-292.9	0	0	0	0	0	0	1	0	0	0	0
293.0-293.9	0	0	0	0	0	0	1	0	0	0	0
TOTAL # FISH	1272	428	630	555	735	1055	584	561	84	155	209

TOTAL CATCH(MT)	205	80	85	76	162	166	138	141	23	38	51
TASK1 MT OR # FISH	204	79	87	74	161	165	134	139	25	38	53
# FISH(ORIG.REC)	1272.	428.0	630.0	555.0	735.0	1055.	584.0	561.0	84.00	155.0	209.0
MT(ORIGINAL REC)	205.4	80.21	84.68	75.75	162.1	166.0	138.2	141.0	22.60	37.55	51.24
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	204.0	212.9	191.7	190.8	225.0	202.6	231.6	237.6	239.4	231.7	232.6
MEAN WEIGHT (KG)	161.5	187.4	134.4	136.5	220.6	157.4	236.6	251.4	269.0	242.3	245.2

AREA WEST
COUNTRY USA
GEAR TRAP

YEAR	71	72	73	74
QUARTER	3	3	3	3
101.0-101.9	2	0	0	0
105.0-105.9	1	0	0	0
109.0-109.9	2	0	0	0
110.0-110.9	1	0	0	0
114.0-114.9	1	0	0	0
117.0-117.9	4	0	0	0
121.0-121.9	4	0	0	0
123.0-123.9	3	0	0	0
124.0-124.9	5	0	0	0
126.0-126.9	0	1	0	0
127.0-127.9	2	1	0	0
128.0-128.9	0	1	0	0
129.0-129.9	0	1	0	0
130.0-130.9	0	1	0	0
132.0-132.9	1	0	0	0
136.0-136.9	0	1	0	0
137.0-137.9	0	1	0	0
138.0-138.9	0	1	0	0
139.0-139.9	0	1	0	0
140.0-140.9	0	1	0	0
142.0-142.9	5	0	0	0
146.0-146.9	0	1	0	0
147.0-147.9	2	1	0	0
148.0-148.9	0	1	0	0
149.0-149.9	3	1	0	0
150.0-150.9	0	1	0	2
151.0-151.9	0	3	0	0
152.0-152.9	0	3	0	0
153.0-153.9	2	3	0	0
154.0-154.9	0	3	0	0
155.0-155.9	2	3	0	0
156.0-156.9	2	3	0	0
157.0-157.9	1	3	0	0
158.0-158.9	1	3	0	0
159.0-159.9	0	3	0	0
160.0-160.9	2	3	0	0
161.0-161.9	0	3	0	0
162.0-162.9	4	3	0	0
163.0-163.9	2	3	0	0
164.0-164.9	0	3	0	0
165.0-165.9	3	3	0	0
166.0-166.9	0	1	0	0
167.0-167.9	1	1	0	0
168.0-168.9	2	1	0	0
169.0-169.9	1	1	0	0
170.0-170.9	0	1	0	0
171.0-171.9	0	1	0	0
172.0-172.9	0	1	0	0
173.0-173.9	0	1	0	0
174.0-174.9	1	1	0	0
175.0-175.9	1	1	0	0
177.0-177.9	1	0	0	0
178.0-178.9	1	0	0	0
181.0-181.9	1	0	0	0
186.0-186.9	1	0	0	0
191.0-191.9	1	1	0	0
192.0-192.9	0	1	0	13
193.0-193.9	0	1	0	13
194.0-194.9	0	1	0	0
195.0-195.9	0	1	0	0
196.0-196.9	0	1	0	0
197.0-197.9	0	1	0	0
198.0-198.9	0	1	0	0
199.0-199.9	0	1	0	0
200.0-200.9	0	1	0	0
201.0-201.9	0	3	0	0
202.0-202.9	1	3	0	0
203.0-203.9	0	3	0	0
204.0-204.9	1	3	0	0
205.0-205.9	0	3	0	0
206.0-206.9	0	5	0	0
207.0-207.9	1	5	0	0
208.0-208.9	0	5	0	0
209.0-209.9	1	5	0	0
210.0-210.9	1	5	0	0
211.0-211.9	1	4	0	0
212.0-212.9	0	4	0	2
213.0-213.9	1	4	0	0
214.0-214.9	1	4	0	0
215.0-215.9	2	4	0	0
216.0-216.9	1	3	0	0
217.0-217.9	1	3	0	0
218.0-218.9	5	3	0	0
219.0-219.9	5	3	0	2
220.0-220.9	1	3	0	0
221.0-221.9	1	2	0	0
222.0-222.9	4	2	0	0
223.0-223.9	5	2	0	0
224.0-224.9	1	2	0	0
225.0-225.9	4	2	0	0
226.0-226.9	2	2	0	0
227.0-227.9	3	2	0	0
228.0-228.9	5	2	0	0
229.0-229.9	7	2	0	0
230.0-230.9	3	2	0	0
231.0-231.9	6	3	0	3
232.0-232.9	5	3	0	0
233.0-233.9	5	3	0	0
234.0-234.9	4	3	0	2
235.0-235.9	5	3	0	0
236.0-236.9	10	1	0	0
237.0-237.9	14	1	0	0
238.0-238.9	5	1	0	0
239.0-239.9	1	1	0	0
240.0-240.9	5	1	0	0
241.0-241.9	3	1	1	0
242.0-242.9	5	1	1	0
243.0-243.9	4	1	1	2
244.0-244.9	7	1	1	0
245.0-245.9	4	1	1	2
246.0-246.9	3	0	1	0
247.0-247.9	5	0	1	0
248.0-248.9	3	0	1	0
249.0-249.9	3	0	1	0
250.0-250.9	3	0	1	3
251.0-251.9	3	0	1	5
252.0-252.9	2	0	1	0
253.0-253.9	5	0	1	0
254.0-254.9	1	0	1	2
255.0-255.9	8	0	1	0
256.0-256.9	3	0	1	0
257.0-257.9	2	0	1	0
258.0-258.9	1	0	1	0
259.0-259.9	1	0	1	0
260.0-260.9	0	0	1	7
261.0-261.9	1	0	1	3
262.0-262.9	1	0	1	0
263.0-263.9	1	0	1	0
264.0-264.9	1	0	1	0
265.0-265.9	0	0	1	2
266.0-266.9	0	0	1	2
267.0-267.9	1	0	1	0
268.0-268.9	0	0	1	3
269.0-269.9	1	0	1	0
270.0-270.9	0	0	1	2
271.0-271.9	1	0	1	0
272.0-272.9	0	0	1	2
273.0-273.9	0	0	1	0
274.0-274.9	0	0	1	2
275.0-275.9	0	0	1	0
276.0-276.9	0	0	0	2
277.0-277.9	1	0	0	3
279.0-279.9	0	0	0	2
280.0-280.9	0	0	0	2
282.0-282.9	0	0	0	2
TOTAL # FISH	258	200	35	85
TOTAL CATCH(MT)	49	29	9	21
TASK1 MT OR # FISH	47	29	13	20
# FISH(ORIG.REC)	258.0	200.0	35.00	85.00
MT(ORIGINAL REC)	49.38	28.60	8.573	21.16
RAISING FACTOR	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	213.8	195.6	258.5	235.6
MEAN WEIGHT (KG)	191.4	143.0	245.0	249.0

AREA WEST
COUNTRY USA
GEAR UNCL

YEAR	65	67	69	70	71	72	76	77	7A	79	A1
QUARTER	3	3	3	3	3	3	3	3	3	3	3
43.0- 43.9	0	0	0	6	10	2	0	0	0	0	0
73.0- 73.9	0	0	0	0	0	0	1	0	0	0	0
74.0- 74.9	0	0	0	0	0	0	2	0	0	0	0
75.0- 75.9	0	0	0	0	0	0	2	0	0	0	0
76.0- 76.9	0	0	0	0	0	0	3	0	0	0	0
77.0- 77.9	0	0	0	0	0	0	3	0	0	0	0
78.0- 78.9	0	0	0	0	0	0	2	0	0	0	0
79.0- 79.9	0	0	0	0	0	0	1	0	0	0	0
80.0- 80.9	0	0	0	0	0	0	3	0	0	0	0
81.0- 81.9	0	0	0	0	0	0	2	0	0	0	0
82.0- 82.9	0	0	0	0	0	0	1	0	0	0	0
83.0- 83.9	0	0	0	0	0	0	1	0	0	0	0
90.0- 90.9	0	0	0	0	0	0	1	0	0	0	0
91.0- 91.9	0	0	0	0	0	0	2	0	0	0	0
92.0- 92.9	0	0	0	0	0	0	1	0	0	0	0
93.0- 93.9	0	0	0	0	0	0	1	0	0	0	0
94.0- 94.9	0	0	0	0	0	0	3	0	0	0	0
95.0- 95.9	0	0	0	0	0	0	4	0	0	0	0
96.0- 96.9	0	0	0	0	0	0	3	0	0	0	0
97.0- 97.9	0	0	0	0	0	0	3	0	0	0	0
98.0- 98.9	0	0	0	0	0	0	3	0	0	0	0
99.0- 99.9	0	0	0	0	0	0	4	0	0	0	0
100.0-100.9	0	0	0	0	0	0	3	0	0	0	0
101.0-101.9	0	0	0	0	0	0	3	0	0	0	0
102.0-102.9	0	0	0	0	0	0	3	0	0	0	0
103.0-103.9	0	0	0	0	0	0	2	0	0	0	0
104.0-104.9	0	0	0	0	0	0	1	0	0	0	0
105.0-105.9	0	0	0	0	0	0	1	0	0	0	0
121.0-121.9	0	0	0	0	0	0	1	0	0	0	0
133.0-133.9	0	0	0	0	0	0	1	0	0	0	0
134.0-134.9	0	0	0	0	0	0	3	0	0	0	0
135.0-135.9	0	0	0	0	0	0	2	0	0	0	0
136.0-136.9	0	0	0	0	0	0	1	0	0	0	0
137.0-137.9	0	0	0	0	0	0	1	0	0	0	0
139.0-139.9	0	0	0	0	0	0	1	0	0	0	0
140.0-140.9	0	0	0	0	0	0	2	0	0	0	0
143.0-143.9	0	0	0	0	0	0	1	0	0	0	0
144.0-144.9	0	0	0	0	0	0	1	0	0	0	0
149.0-149.9	0	0	0	0	0	0	1	0	0	0	0
150.0-150.9	0	0	0	0	0	0	1	0	0	0	0
158.0-158.9	0	0	0	0	0	0	1	0	0	0	0
162.0-162.9	0	0	0	0	0	0	1	0	0	0	0
165.0-165.9	0	0	0	0	0	0	1	0	0	0	0
166.0-166.9	0	0	0	0	0	0	1	0	0	0	0
167.0-167.9	0	0	0	0	0	0	1	0	0	0	0
168.0-168.9	0	0	0	0	0	0	1	0	0	0	0
175.0-175.9	0	0	0	0	0	0	1	0	0	0	0
176.0-176.9	0	0	0	0	0	0	1	0	0	0	0
182.0-182.9	0	0	0	0	0	0	1	0	0	0	0
183.0-183.9	0	0	0	0	0	0	1	0	0	0	0
193.0-193.9	0	0	0	0	0	0	2	0	0	0	0
194.0-194.9	0	0	0	0	0	0	2	0	0	0	0
195.0-195.9	0	0	0	0	0	0	1	0	0	0	0
196.0-196.9	0	0	0	0	0	0	1	0	0	0	0
198.0-198.9	0	0	0	0	0	0	2	0	0	0	0
199.0-199.9	0	0	0	0	0	0	2	0	0	0	0
200.0-200.9	0	0	0	0	0	0	1	0	0	0	0
201.0-201.9	0	0	0	0	0	0	1	0	0	0	0
203.0-203.9	0	0	0	0	0	0	2	0	0	0	0
204.0-204.9	0	0	0	0	0	0	2	0	0	0	0
205.0-205.9	1	0	0	0	0	0	1	0	0	0	0
206.0-206.9	1	0	0	0	0	0	0	0	0	0	0
207.0-207.9	1	0	0	0	0	0	0	0	0	0	0
208.0-208.9	1	0	0	0	0	0	3	0	0	0	0
209.0-209.9	1	0	0	0	0	0	3	0	0	0	0
210.0-210.9	0	0	0	0	0	0	1	0	0	0	0
211.0-211.9	0	0	0	0	0	0	1	0	0	0	0
213.0-213.9	0	0	0	0	0	0	1	0	0	0	0
214.0-214.9	0	0	0	0	0	0	1	0	0	0	0
215.0-215.9	1	0	0	0	0	0	2	0	0	0	0
216.0-216.9	1	0	0	0	0	0	2	0	0	0	0
217.0-217.9	1	0	0	0	0	0	0	0	0	0	0
218.0-218.9	1	0	0	0	0	0	2	0	0	0	0
219.0-219.9	1	0	0	0	0	0	3	0	0	0	0
220.0-220.9	0	0	0	0	0	0	1	0	0	0	0
221.0-221.9	0	0	0	0	0	0	1	0	0	0	0
222.0-222.9	0	0	0	0	0	0	1	0	0	0	0
223.0-223.9	0	0	0	0	0	0	2	0	0	0	0
224.0-224.9	0	0	0	0	0	0	2	0	0	0	0
225.0-225.9	0	0	0	1	2	0	0	0	0	0	0
226.0-226.9	0	0	0	1	2	0	1	0	0	0	0
227.0-227.9	0	0	0	1	2	0	1	0	0	0	0
228.0-228.9	0	0	0	1	2	0	1	0	0	0	0
229.0-229.9	0	0	0	1	2	0	1	0	0	0	0
230.0-230.9	1	0	0	0	0	0	0	0	0	0	0
231.0-231.9	1	0	0	0	0	0	1	0	0	1	0
232.0-232.9	1	0	0	4	7	1	2	0	0	0	0
233.0-233.9	1	0	0	4	7	1	3	0	0	0	0
234.0-234.9	1	0	0	4	7	1	3	1	0	0	0
235.0-235.9	0	0	0	1	2	0	0	0	0	0	0
236.0-236.9	0	0	0	1	2	0	3	0	0	3	0
237.0-237.9	0	0	0	1	2	0	2	0	0	0	0
238.0-238.9	0	0	0	1	2	0	2	0	0	1	0
239.0-239.9	0	0	0	1	2	0	2	0	0	3	0
240.0-240.9	0	2	0	1	2	0	1	0	0	0	0
241.0-241.9	0	2	0	1	2	0	4	2	0	0	0
242.0-242.9	0	2	0	1	2	0	4	1	0	3	0
243.0-243.9	0	2	0	1	2	0	4	0	0	1	0
244.0-244.9	0	2	0	1	2	0	3	1	0	0	0
245.0-245.9	0	0	1	2	2	0	1	1	0	0	0
246.0-246.9	0	0	1	2	2	0	3	1	0	1	0

247.0-247.9	0	0	1	2	2	0	4	1	0	0	0
248.0-248.9	0	0	1	2	2	0	2	2	0	1	0
249.0-249.9	0	0	1	2	2	0	2	1	0	0	0
250.0-250.9	0	2	0	0	0	0	1	1	0	0	0
251.0-251.9	0	2	0	0	0	0	2	1	0	0	0
252.0-252.9	0	2	0	0	0	0	2	1	0	0	0
253.0-253.9	0	2	0	0	0	0	1	1	0	1	0
254.0-254.9	0	2	0	0	0	0	2	6	1	4	0
255.0-255.9	0	0	0	0	0	0	1	1	0	0	0
256.0-256.9	0	0	0	0	0	0	1	1	0	0	0
257.0-257.9	0	0	0	0	0	0	1	2	0	1	0
258.0-258.9	0	0	0	0	0	0	1	1	0	5	0
259.0-259.9	0	0	0	0	0	0	1	1	0	1	0
260.0-260.9	0	0	0	0	0	0	1	2	0	3	0
261.0-261.9	0	0	0	0	0	0	3	2	1	5	0
262.0-262.9	0	0	0	0	0	0	4	1	0	1	0
263.0-263.9	0	0	0	0	0	0	1	2	0	1	0
264.0-264.9	0	0	0	0	0	0	4	2	1	3	0
265.0-265.9	0	0	0	0	0	0	4	1	0	3	0
266.0-266.9	0	0	0	0	0	0	3	4	1	3	0
267.0-267.9	0	0	0	0	0	0	3	1	0	8	0
268.0-268.9	0	0	0	0	0	0	1	1	1	4	4
269.0-269.9	0	0	0	0	0	0	1	1	0	6	4
270.0-270.9	0	0	0	0	0	0	1	1	0	3	4
271.0-271.9	0	0	0	0	0	0	1	1	0	3	0
272.0-272.9	0	0	0	0	0	0	1	2	0	5	0
273.0-273.9	0	0	0	0	0	0	0	1	0	5	0
274.0-274.9	0	0	0	0	0	0	1	0	0	0	0
275.0-275.9	0	0	0	0	0	0	1	1	0	1	0
276.0-276.9	0	0	0	0	0	0	2	0	0	3	0
277.0-277.9	0	0	0	0	0	0	3	1	0	0	0
278.0-278.9	0	0	0	0	0	0	1	0	0	5	0
279.0-279.9	0	0	0	0	0	0	0	0	0	1	0
281.0-281.9	0	0	0	0	0	0	0	0	0	3	0
282.0-282.9	0	0	0	0	0	0	0	1	0	1	0
283.0-283.9	0	0	0	0	0	0	0	0	0	1	0
286.0-286.9	0	0	0	0	0	0	1	0	0	0	0
287.0-287.9	0	0	0	0	0	0	1	0	0	1	0
290.0-290.9	0	0	0	0	0	0	1	0	0	1	0
298.0-298.9	0	0	0	0	0	0	1	0	0	0	0
TOTAL # FISH	15	20	5	43	71	5	231	52	5	96	12

TOTAL CATCH(MT)	3	6	1	10	16	1	33	17	2	35	4
TASKI MT OR # FISH	3	4	2	11	16	3	257	56	14	102	12
# FISH(ORIG.REC)	15.00	20.00	5.000	43.00	71.00	5.000	231.0	52.00	5.000	96.00	12.00
MT(ORIGINAL REC)	2.943	5.831	1.458	9.857	15.64	1.102	32.60	16.65	1.664	34.90	4.251
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
MEAN LENGTH (CM)	219.2	247.5	247.5	211.1	209.7	157.5	192.3	259.0	263.1	264.6	269.5
MEAN WEIGHT (KG)	196.2	291.6	291.6	229.2	220.3	220.3	141.1	320.1	332.8	363.5	354.3

AREA WEST
COUNTRY USA
GEAR HARP

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	3
120.0-120.9	0	0	3	0	0	0	0	0	0	0	0
121.0-121.9	0	0	3	0	0	0	0	0	0	0	0
122.0-122.9	0	0	3	0	0	0	0	0	0	0	0
123.0-123.9	0	0	3	0	0	0	0	0	0	0	0
124.0-124.9	0	0	3	0	0	0	0	0	0	0	0
125.0-125.9	0	0	3	2	0	0	0	0	0	0	0
126.0-126.9	0	0	3	2	0	0	0	0	0	0	0
127.0-127.9	0	0	3	2	0	0	0	0	0	0	0
128.0-128.9	0	0	3	2	0	0	0	0	0	0	0
129.0-129.9	0	0	3	2	0	0	0	0	0	0	0
130.0-130.9	0	2	3	2	0	0	0	0	0	0	0
131.0-131.9	0	2	3	2	0	0	0	0	0	0	0
132.0-132.9	0	2	3	2	0	0	0	0	0	0	0
133.0-133.9	0	2	3	2	0	0	0	0	0	0	0
134.0-134.9	0	2	3	2	0	0	0	0	0	0	0
135.0-135.9	0	0	7	0	0	0	0	0	0	0	0
136.0-136.9	0	0	7	0	0	0	0	0	0	0	0
137.0-137.9	0	0	7	0	0	0	0	0	0	0	0
138.0-138.9	0	0	7	0	0	0	0	0	0	0	0
139.0-139.9	0	0	7	0	0	0	0	0	0	0	0
140.0-140.9	32	2	7	0	0	0	0	0	0	0	0
141.0-141.9	32	2	7	0	0	0	0	0	0	0	0
142.0-142.9	32	2	7	0	0	0	0	0	0	0	0
143.0-143.9	32	2	7	0	0	0	0	0	0	0	0
144.0-144.9	32	2	7	0	0	0	0	0	0	0	0
145.0-145.9	21	0	0	0	0	0	0	0	0	0	0
146.0-146.9	21	0	0	0	0	0	0	0	0	0	0
147.0-147.9	21	0	0	0	0	0	0	0	0	0	0
148.0-148.9	21	0	0	0	0	0	0	0	0	0	0
149.0-149.9	21	0	0	0	0	0	0	0	0	0	0
150.0-150.9	0	0	0	0	2	0	0	0	0	0	0
151.0-151.9	0	0	0	0	2	0	0	0	0	0	0
152.0-152.9	0	0	0	0	2	0	0	0	0	0	0
153.0-153.9	0	0	0	0	2	0	0	0	0	0	0
154.0-154.9	0	0	0	0	2	0	0	0	0	0	0
155.0-155.9	21	0	3	0	0	0	0	0	0	0	0
156.0-156.9	21	0	3	0	0	0	0	0	0	0	0
157.0-157.9	21	0	3	0	0	0	0	0	0	0	0
158.0-158.9	21	0	3	0	0	0	0	0	0	0	0
159.0-159.9	21	0	3	0	0	0	0	0	0	0	0
160.0-160.9	43	5	0	0	0	0	0	0	0	0	0
161.0-161.9	43	5	0	0	0	0	0	0	0	0	0
162.0-162.9	43	5	0	0	0	0	0	0	0	0	0
163.0-163.9	43	5	0	0	0	0	0	0	0	0	0
164.0-164.9	43	5	0	0	0	0	0	0	0	0	0
165.0-165.9	53	5	0	0	0	0	2	0	0	0	0
166.0-166.9	53	5	0	0	0	0	2	0	0	0	0
167.0-167.9	53	5	0	0	0	0	2	0	0	0	0
168.0-168.9	53	5	0	0	0	0	2	0	0	0	0
169.0-169.9	53	5	0	0	0	0	2	0	0	0	0
170.0-170.9	21	5	10	0	4	0	0	0	0	0	0
171.0-171.9	21	5	10	0	4	0	0	0	0	0	0
172.0-172.9	21	5	10	0	4	0	0	0	0	0	0
173.0-173.9	21	5	10	0	4	0	0	0	0	0	0
174.0-174.9	21	5	10	0	4	0	0	0	0	0	0
175.0-175.9	11	14	0	0	0	0	0	0	0	0	0
176.0-176.9	11	14	0	0	0	0	0	0	0	0	0
177.0-177.9	11	14	0	0	0	0	0	0	0	0	0
178.0-178.9	11	14	0	0	0	0	0	0	0	0	0
179.0-179.9	11	14	0	0	0	0	0	0	0	0	0
180.0-180.9	0	7	3	0	0	1	0	0	0	0	0
181.0-181.9	0	7	3	0	0	1	0	0	0	0	0
182.0-182.9	0	7	3	0	0	1	0	0	0	0	0
183.0-183.9	0	7	3	0	0	1	0	0	0	0	0
184.0-184.9	0	7	3	0	0	1	0	0	0	0	0
185.0-185.9	0	11	7	2	0	1	0	0	0	0	0
186.0-186.9	0	11	7	2	0	1	0	0	0	0	0
187.0-187.9	0	11	7	2	0	1	0	0	0	0	0
188.0-188.9	0	11	7	2	0	1	0	0	0	0	0
189.0-189.9	0	11	7	2	0	1	0	0	0	0	0
190.0-190.9	11	2	0	2	2	0	0	0	0	0	0
191.0-191.9	11	2	0	2	2	0	0	0	0	0	0
192.0-192.9	11	2	0	2	2	0	0	0	0	0	0
193.0-193.9	11	2	0	2	2	0	0	0	0	0	0
194.0-194.9	11	2	0	2	2	0	0	0	0	0	0
195.0-195.9	0	5	0	2	0	0	0	0	0	0	0
196.0-196.9	0	5	0	2	0	0	0	0	0	0	0
197.0-197.9	0	5	0	2	0	0	0	0	0	0	0
198.0-198.9	0	5	0	2	0	0	0	0	0	0	0
199.0-199.9	0	5	0	2	0	0	0	0	0	0	0
200.0-200.9	11	2	7	0	0	0	0	0	7	0	0
201.0-201.9	11	2	7	0	0	0	0	0	7	0	0
202.0-202.9	11	2	7	0	0	0	0	0	7	0	0
203.0-203.9	11	2	7	0	0	0	0	0	7	0	0
204.0-204.9	11	2	7	0	0	0	0	0	7	0	0
205.0-205.9	0	2	3	0	0	1	0	0	7	0	0
206.0-206.9	0	2	3	0	0	1	0	0	7	0	0
207.0-207.9	0	2	3	0	0	1	0	0	7	0	0
208.0-208.9	0	2	3	0	0	1	0	0	7	0	0
209.0-209.9	0	2	3	0	0	1	0	0	7	0	0
210.0-210.9	0	5	7	2	0	0	0	0	0	0	0
211.0-211.9	0	5	7	2	0	0	0	0	0	0	0
212.0-212.9	0	5	7	2	0	0	0	0	0	0	0
213.0-213.9	0	5	7	2	0	0	0	0	0	0	0
214.0-214.9	0	5	7	2	0	0	0	0	0	0	0
215.0-215.9	0	7	7	2	4	1	0	0	0	1	4
216.0-216.9	0	7	7	2	4	1	0	0	0	1	4
217.0-217.9	0	7	7	2	4	1	0	0	0	1	4
218.0-218.9	0	7	7	2	4	1	0	0	0	1	4
219.0-219.9	0	7	7	2	4	1	0	0	0	1	4
220.0-220.9	0	11	0	0	4	6	0	2	0	1	9

221.0-221.9	0	11	0	0	4	6	0	2	0	1	9
222.0-222.9	0	11	0	0	4	6	0	2	0	1	9
223.0-223.9	0	11	0	0	4	6	0	2	0	1	9
224.0-224.9	0	11	0	0	4	6	0	2	0	1	9
225.0-225.9	11	9	0	2	2	6	3	3	0	1	0
226.0-226.9	11	9	0	2	2	6	3	3	0	1	0
227.0-227.9	11	9	0	2	2	6	3	3	0	1	0
228.0-228.9	11	9	0	2	2	6	3	3	0	1	0
229.0-229.9	11	9	0	2	2	6	3	3	0	1	0
230.0-230.9	0	7	0	3	2	6	5	5	0	2	4
231.0-231.9	0	7	0	3	2	6	5	5	0	2	4
232.0-232.9	0	7	0	3	2	6	5	5	0	2	4
233.0-233.9	0	7	0	3	2	6	5	5	0	2	4
234.0-234.9	0	7	0	3	2	6	5	5	0	2	4
235.0-235.9	0	2	0	0	5	8	0	6	0	1	0
236.0-236.9	0	2	0	0	5	8	0	6	0	1	0
237.0-237.9	0	2	0	0	5	8	0	6	0	1	0
238.0-238.9	0	2	0	0	5	8	0	6	0	1	0
239.0-239.9	0	2	0	0	5	8	0	6	0	1	0
240.0-240.9	11	0	3	5	2	5	5	3	0	1	0
241.0-241.9	11	0	3	5	2	5	5	3	0	1	0
242.0-242.9	11	0	3	5	2	5	5	3	0	1	0
243.0-243.9	11	0	3	5	2	5	5	3	0	1	0
244.0-244.9	11	0	3	5	2	5	5	3	0	1	0
245.0-245.9	0	0	0	0	0	4	7	6	0	2	0
246.0-246.9	0	0	0	0	0	4	7	6	0	2	0
247.0-247.9	0	0	0	0	0	4	7	6	0	2	0
248.0-248.9	0	0	0	0	0	4	7	6	0	2	0
249.0-249.9	0	0	0	0	0	4	7	6	0	2	0
250.0-250.9	0	2	0	2	0	5	3	6	0	4	0
251.0-251.9	0	2	0	2	0	5	3	6	0	4	0
252.0-252.9	0	2	0	2	0	5	3	6	0	4	0
253.0-253.9	0	2	0	2	0	5	3	6	0	4	0
254.0-254.9	0	2	0	2	0	5	3	6	0	4	0
255.0-255.9	0	0	3	0	0	1	7	3	15	2	4
256.0-256.9	0	0	3	0	0	1	7	3	15	2	4
257.0-257.9	0	0	3	0	0	1	7	3	15	2	4
258.0-258.9	0	0	3	0	0	1	7	3	15	2	4
259.0-259.9	0	0	3	0	0	1	7	3	15	2	4
260.0-260.9	0	0	0	2	0	0	0	0	0	2	13
261.0-261.9	0	0	0	2	0	0	0	0	0	2	13
262.0-262.9	0	0	0	2	0	0	0	0	0	2	13
263.0-263.9	0	0	0	2	0	0	0	0	0	2	13
264.0-264.9	0	0	0	2	0	0	0	0	0	2	13
265.0-265.9	0	0	0	0	0	0	0	1	7	1	13
266.0-266.9	0	0	0	0	0	0	0	1	7	1	13
267.0-267.9	0	0	0	0	0	0	0	1	7	1	13
268.0-268.9	0	0	0	0	0	0	0	1	7	1	13
269.0-269.9	0	0	0	0	0	0	0	1	7	1	13
270.0-270.9	0	0	0	0	0	0	2	1	7	1	0
271.0-271.9	0	0	0	0	0	0	2	1	7	1	0
272.0-272.9	0	0	0	0	0	0	2	1	7	1	0
273.0-273.9	0	0	0	0	0	0	2	1	7	1	0
274.0-274.9	0	0	0	0	0	0	2	1	7	1	0
275.0-275.9	0	0	0	0	0	0	0	2	0	1	0
276.0-276.9	0	0	0	0	0	0	0	2	0	1	0
277.0-277.9	0	0	0	0	0	0	0	2	0	1	0
278.0-278.9	0	0	0	0	0	0	0	2	0	1	0
279.0-279.9	0	0	0	0	0	0	0	2	0	1	0
TOTAL # FISH	1230	525	380	140	135	225	170	190	215	100	235

TOTAL CATCH(MT)	119	79	44	26	25	55	47	53	60	30	70
TASK I MT OR # FISH	119	78	44	22	24	55	46	53	61	30	72
# FISH(ORIG.REC)	1230.	525.0	380.0	140.0	135.0	225.0	170.0	190.0	215.0	100.0	235.0
MT(ORIGINAL REC)	119.3	78.92	43.73	26.45	25.41	55.37	46.54	53.33	60.24	29.75	70.00
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	170.4	197.8	180.5	211.8	212.3	233.6	242.1	245.0	244.5	248.8	249.4
MEAN WEIGHT (KG)	96.96	150.3	115.1	189.0	188.2	246.1	273.8	280.7	280.2	297.5	297.9

AREA WEST
COUNTRY USA
GEAR MARI

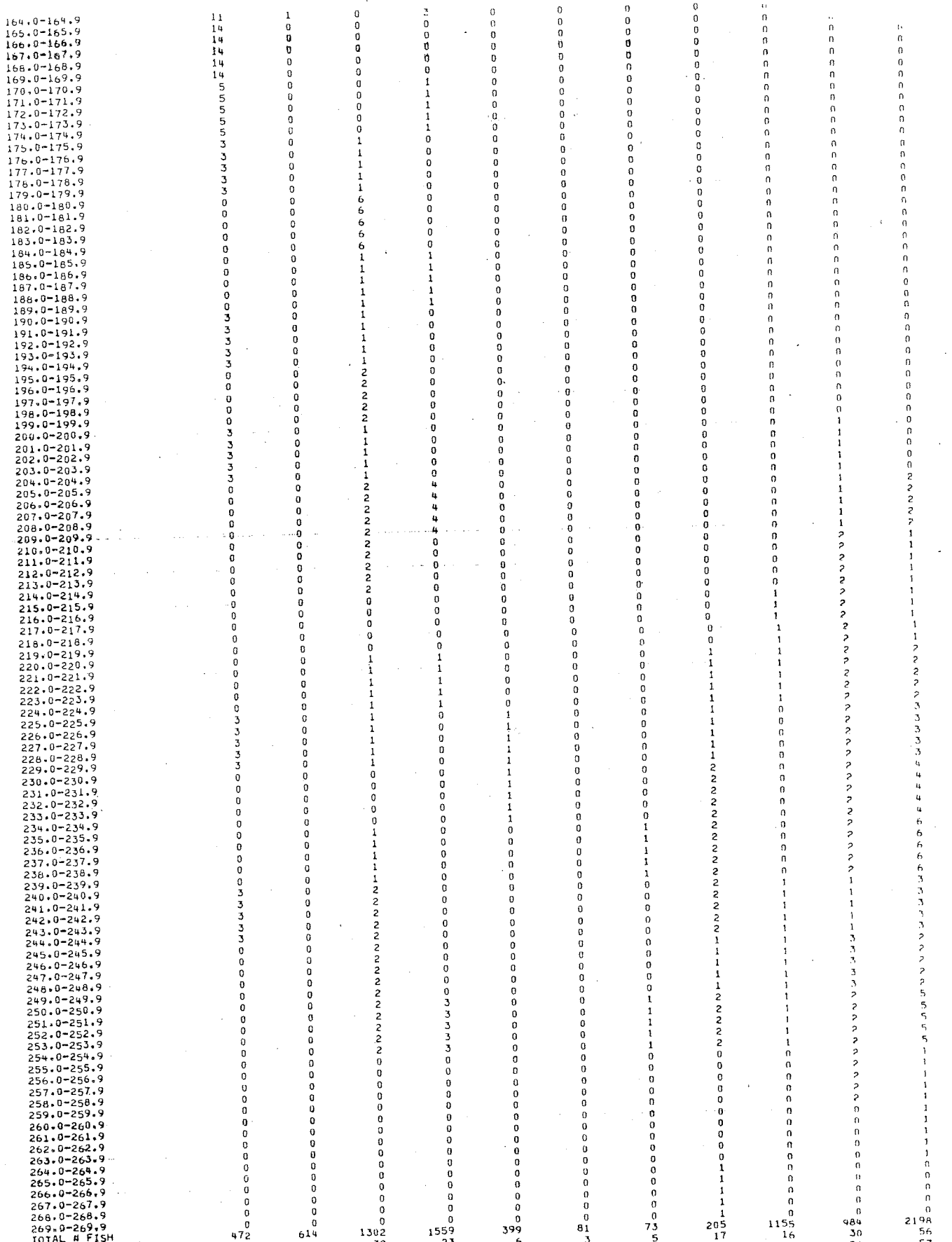
YEAR	71	72	73	74	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3
58.0- 58.9	0	0	0	0	0	1	0	0	0	0
59.0- 59.9	0	0	0	0	0	2	0	0	0	0
60.0- 60.9	0	0	0	0	0	4	0	0	0	0
61.0- 61.9	0	0	0	0	0	5	0	0	0	0
62.0- 62.9	0	0	0	0	0	4	0	0	0	0
63.0- 63.9	0	0	0	0	0	2	0	0	0	0
64.0- 64.9	0	0	0	0	0	1	0	0	0	0
66.0- 66.9	0	0	0	0	0	1	0	0	0	0
67.0- 67.9	0	0	0	0	0	1	0	0	0	0
68.0- 68.9	0	0	0	0	0	1	0	0	0	0
69.0- 69.9	0	0	0	0	0	1	0	0	0	0
71.0- 71.9	0	0	0	0	0	1	0	0	0	0
74.0- 74.9	0	0	0	0	0	2	0	0	0	0
75.0- 75.9	0	0	0	0	0	1	0	0	0	0
81.0- 81.9	0	0	0	0	0	1	0	0	0	0
84.0- 84.9	0	0	0	0	0	1	0	0	0	0
86.0- 86.9	0	0	0	0	0	1	0	0	0	0
87.0- 87.9	0	0	0	0	0	2	0	0	0	0
88.0- 88.9	0	0	0	0	0	1	0	0	0	0
96.0- 96.9	0	0	0	0	0	1	0	0	0	0
99.0- 99.9	0	0	0	0	0	1	0	0	0	0
100.0-100.9	0	0	0	0	0	1	0	0	0	0
105.0-105.9	0	0	0	0	0	1	0	0	0	0
106.0-106.9	0	0	0	0	0	1	0	0	0	0
107.0-107.9	0	0	0	0	0	1	0	0	0	0
108.0-108.9	0	0	0	0	0	1	0	0	0	0
109.0-109.9	0	0	0	0	0	1	0	0	0	0
118.0-118.9	0	0	0	0	0	1	0	0	0	0
119.0-119.9	0	0	0	0	0	1	0	0	0	0
124.0-124.9	0	0	0	0	0	1	0	0	0	0
125.0-125.9	0	0	0	0	0	1	0	0	0	0
126.0-126.9	0	0	0	0	0	1	0	0	0	0
165.0-165.9	1	0	0	0	0	0	0	0	0	0
166.0-166.9	1	0	0	0	0	0	0	0	0	0
167.0-167.9	1	0	0	0	0	0	0	0	0	0
168.0-168.9	1	0	0	0	0	0	0	0	0	0
169.0-169.9	1	0	0	0	0	0	0	0	0	0
175.0-175.9	1	0	0	0	0	0	0	0	0	0
176.0-176.9	1	0	0	0	0	0	0	0	0	0
177.0-177.9	1	0	0	0	0	0	0	0	0	0
178.0-178.9	1	0	0	0	0	0	0	0	0	0
179.0-179.9	1	0	0	2	0	0	1	0	0	0
185.0-185.9	1	0	0	0	0	0	0	0	0	0
186.0-186.9	1	0	0	0	0	0	0	0	0	0
187.0-187.9	1	0	0	0	0	0	0	0	1	0
188.0-188.9	1	0	0	0	2	0	0	0	0	0
189.0-189.9	1	0	0	0	4	0	0	0	0	0
190.0-190.9	0	0	0	0	2	0	0	0	0	0
193.0-193.9	0	0	0	0	0	0	0	0	1	0
194.0-194.9	0	0	0	0	2	0	0	0	1	0
195.0-195.9	0	0	0	0	2	0	0	0	1	0
196.0-196.9	0	0	0	0	0	0	0	1	1	1
197.0-197.9	0	0	0	0	2	0	0	1	2	0
198.0-198.9	0	0	0	0	2	0	0	0	0	1
199.0-199.9	0	0	0	1	0	0	1	0	0	0
200.0-200.9	1	0	0	1	0	0	1	0	0	0
201.0-201.9	1	0	0	0	2	0	0	3	0	1
202.0-202.9	1	0	0	2	4	0	1	1	1	2
203.0-203.9	1	0	0	0	4	0	0	1	0	0
204.0-204.9	1	0	0	0	2	0	0	0	0	2
205.0-205.9	0	0	0	1	0	0	1	3	0	1
206.0-206.9	0	2	0	1	0	0	1	0	0	2
207.0-207.9	0	2	0	0	4	0	0	0	1	0
208.0-208.9	0	2	0	0	6	0	0	0	1	1
209.0-209.9	0	2	0	0	2	0	0	0	0	1
210.0-210.9	1	2	0	2	0	0	1	0	1	3
211.0-211.9	1	3	1	0	2	0	0	0	0	1
212.0-212.9	1	3	1	0	6	0	0	0	2	0
213.0-213.9	1	3	1	0	6	0	0	0	0	0
214.0-214.9	1	3	1	0	2	0	0	0	0	1
215.0-215.9	0	3	1	0	2	0	0	0	1	0
216.0-216.9	0	3	1	0	4	0	0	1	1	1
217.0-217.9	0	3	1	4	2	0	3	0	1	1
218.0-218.9	0	3	1	0	2	0	0	1	0	2
219.0-219.9	0	3	1	0	4	0	0	1	3	0
220.0-220.9	9	3	1	0	6	0	0	0	2	0
221.0-221.9	9	11	1	0	6	0	0	3	2	1
222.0-222.9	9	11	1	2	6	0	1	0	0	1
223.0-223.9	9	11	1	1	4	0	1	1	0	1
224.0-224.9	9	11	1	1	4	1	1	4	3	0
225.0-225.9	10	11	1	0	8	0	0	5	0	1
226.0-226.9	10	12	2	12	4	0	8	0	1	1
227.0-227.9	10	12	2	0	8	0	0	5	1	1
228.0-228.9	10	12	2	10	12	1	6	6	0	0
229.0-229.9	10	12	2	3	12	1	2	0	1	0
230.0-230.9	15	12	2	5	12	0	3	1	2	1
231.0-231.9	15	17	3	19	6	3	12	5	1	3
232.0-232.9	15	17	3	3	10	2	2	4	2	2
233.0-233.9	15	17	3	10	16	2	6	3	2	2
234.0-234.9	15	17	3	10	10	2	6	4	3	4
235.0-235.9	13	17	3	6	6	0	4	6	1	1
236.0-236.9	13	29	3	11	4	2	7	5	3	3
237.0-237.9	13	29	3	9	6	2	6	5	0	2
238.0-238.9	13	29	3	15	12	3	10	3	6	3
239.0-239.9	13	29	3	8	10	3	5	10	0	2
240.0-240.9	23	29	3	19	16	1	12	6	1	2
241.0-241.9	23	14	5	21	16	4	14	5	1	2
242.0-242.9	23	14	5	22	18	3	15	5	1	1
243.0-243.9	23	14	5	26	16	5	17	9	3	3
244.0-244.9	23	14	5	33	6	5	22	14	6	3
245.0-245.9	19	14	5	20	10	1	13	10	2	0

246.0-246.9	19	14	8	27	14	9	18	13	5	2
247.0-247.9	19	14	8	20	10	9	13	12	3	3
248.0-248.9	19	14	8	17	10	9	11	6	6	2
249.0-249.9	19	14	8	26	12	9	17	9	9	3
250.0-250.9	12	14	8	27	26	2	18	9	4	3
251.0-251.9	12	9	9	17	32	12	11	8	6	0
252.0-252.9	12	9	9	21	14	11	14	9	7	1
253.0-253.9	12	9	9	25	8	1	17	12	7	2
254.0-254.9	12	9	9	17	12	13	11	6	4	2
255.0-255.9	9	9	9	15	12	14	10	10	10	7
256.0-256.9	9	5	9	16	4	16	10	10	6	2
257.0-257.9	9	5	9	35	6	16	23	6	9	5
258.0-258.9	9	5	9	18	16	1	12	6	6	2
259.0-259.9	9	5	9	26	12	17	17	5	4	8
260.0-260.9	6	5	9	14	6	18	9	15	5	2
261.0-261.9	6	4	7	24	10	21	16	9	9	3
262.0-262.9	6	4	7	12	12	20	8	8	9	6
263.0-263.9	6	4	7	14	10	1	9	5	9	3
264.0-264.9	6	4	7	9	6	17	6	8	9	4
265.0-265.9	1	4	7	18	4	18	12	6	8	5
266.0-266.9	1	1	4	14	6	16	9	6	4	4
267.0-267.9	1	1	4	4	6	15	3	14	8	6
268.0-268.9	1	1	4	2	2	2	1	9	6	6
269.0-269.9	1	1	4	3	2	15	2	4	9	7
270.0-270.9	1	1	4	5	8	14	3	5	5	4
271.0-271.9	1	2	2	4	6	12	3	5	5	6
272.0-272.9	1	2	2	2	0	12	1	6	9	8
273.0-273.9	1	2	2	6	4	1	4	13	8	4
274.0-274.9	1	2	2	0	4	8	0	11	9	9
275.0-275.9	0	2	2	0	0	8	0	4	4	10
276.0-276.9	0	0	0	0	0	6	0	8	3	7
277.0-277.9	0	0	0	0	0	6	0	8	4	8
278.0-278.9	0	0	0	0	0	0	0	6	5	5
279.0-279.9	0	0	0	0	0	8	0	5	5	3
280.0-280.9	0	0	0	0	0	8	0	3	4	4
281.0-281.9	0	0	0	2	0	3	1	5	3	11
282.0-282.9	0	0	0	0	2	3	0	0	2	5
283.0-283.9	0	0	0	1	2	1	1	4	2	9
284.0-284.9	0	0	0	1	0	3	1	1	2	7
285.0-285.9	0	0	0	0	0	3	0	4	3	6
286.0-286.9	0	0	0	2	0	0	1	3	0	4
287.0-287.9	0	0	0	0	0	2	0	1	1	7
288.0-288.9	0	0	0	0	0	2	0	1	3	3
289.0-289.9	0	0	0	0	0	1	0	3	0	6
290.0-290.9	0	0	0	0	0	1	0	0	0	5
291.0-291.9	0	0	0	0	0	0	0	0	0	3
292.0-292.9	0	0	0	0	0	0	0	0	0	4
293.0-293.9	0	0	0	0	0	0	0	3	1	0
294.0-294.9	0	0	0	0	0	0	0	0	0	1
295.0-295.9	0	0	0	0	0	0	0	0	0	5
296.0-296.9	0	0	0	0	0	0	0	0	0	3
297.0-297.9	0	0	0	0	0	0	0	0	2	2
298.0-298.9	0	0	0	0	0	0	0	1	1	2
299.0-299.9	0	0	0	0	0	0	0	0	0	1
301.0-301.9	0	0	0	0	0	0	0	0	0	1
302.0-302.9	0	0	0	0	0	0	0	0	0	1
303.0-303.9	0	0	0	0	0	0	0	0	0	1
304.0-304.9	0	0	0	0	0	0	0	0	0	1
TOTAL # FISH	615	630	275	724	592	471	475	437	306	305

TOTAL CATCH(MT)	163	162	82	215	170	123	141	136	100	107
TASKI MT OR # FISH	166	160	86	214	586	489	471	442	306	305
# FISH(ORIG.REC)	615.0	630.0	275.0	724.0	592.0	471.0	475.0	437.0	306.0	305.0
MT(ORIGINAL REC)	162.7	162.4	82.12	215.3	169.5	122.7	141.2	136.4	99.93	106.8
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	240.2	239.1	251.1	249.1	242.0	243.7	249.2	255.0	257.3	265.0
MEAN WEIGHT (KG)	264.5	257.8	298.6	297.3	286.4	260.4	297.3	312.2	326.6	350.1

AREA WEST
COUNTRY USA
GEAR HAND

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	3
47.0- 47.9	2	8	14	19	5	1	1	2	15	11	54
49.0- 49.9	0	1	2	3	1	0	0	0	2	2	0
50.0- 50.9	14	51	88	120	32	7	6	12	94	73	348
51.0- 51.9	6	22	38	52	14	3	2	5	41	32	0
53.0- 53.9	30	113	194	267	72	15	12	28	209	161	418
54.0- 54.9	0	0	1	1	0	0	0	0	1	1	0
55.0- 55.9	8	31	54	74	20	4	3	8	58	45	200
56.0- 56.9	7	26	45	62	17	4	3	6	48	37	0
57.0- 57.9	0	1	2	3	1	0	0	0	2	2	0
58.0- 58.9	2	6	11	15	4	1	1	2	11	9	15
59.0- 59.9	0	1	2	3	1	0	0	0	2	2	0
60.0- 60.9	0	1	2	2	1	0	0	0	2	1	0
61.0- 61.9	0	0	1	1	0	0	0	0	1	1	0
62.0- 62.9	0	1	2	2	1	0	0	0	2	1	6
64.0- 64.9	0	0	1	1	0	0	0	0	1	1	0
65.0- 65.9	0	1	2	2	1	0	0	0	2	1	6
67.0- 67.9	1	5	8	12	3	1	1	1	9	7	33
68.0- 68.9	1	5	9	13	3	1	1	1	10	8	0
69.0- 69.9	3	12	21	29	8	2	1	3	23	18	85
70.0- 70.9	15	55	94	130	35	7	6	13	102	78	124
72.0- 72.9	8	31	53	73	20	4	3	8	57	44	209
73.0- 73.9	26	96	165	227	61	13	11	23	178	137	163
74.0- 74.9	5	20	35	48	13	3	2	5	38	29	139
75.0- 75.9	16	60	103	141	38	8	7	15	111	85	48
76.0- 76.9	1	5	9	13	3	1	1	1	10	8	12
77.0- 77.9	1	4	7	9	3	1	0	1	7	6	18
78.0- 78.9	3	12	21	28	8	2	1	3	22	17	0
79.0- 79.9	0	2	3	4	1	0	0	0	3	3	3
80.0- 80.9	1	2	4	5	1	0	0	1	4	3	3
81.0- 81.9	0	2	3	4	1	0	0	0	3	3	3
85.0- 85.9	0	1	2	2	1	0	0	0	2	1	3
86.0- 86.9	0	1	2	3	1	0	0	0	2	2	9
87.0- 87.9	1	4	6	8	2	0	0	1	7	5	9
88.0- 88.9	0	1	2	3	1	0	0	0	2	2	9
89.0- 89.9	1	4	8	10	3	1	0	1	8	6	30
90.0- 90.9	2	8	14	20	5	1	1	2	16	12	45
91.0- 91.9	1	3	5	7	2	0	0	1	6	4	21
92.0- 92.9	1	4	8	10	3	1	0	1	8	6	12
94.0- 94.9	0	1	2	3	1	0	0	0	2	2	9
95.0- 95.9	1	3	5	6	2	0	0	1	5	4	0
96.0- 96.9	0	0	1	1	0	0	0	0	1	1	3
97.0- 97.9	0	0	1	1	0	0	0	0	1	1	0
100.0-100.9	0	0	1	0	0	0	0	0	0	0	0
101.0-101.9	0	0	1	0	0	0	0	0	0	0	0
102.0-102.9	0	0	1	0	0	0	0	0	0	0	0
103.0-103.9	0	0	1	0	0	0	0	0	0	0	0
104.0-104.9	0	0	1	0	0	0	0	0	0	0	0
110.0-110.9	0	0	2	0	0	0	0	0	0	0	0
111.0-111.9	0	0	2	0	0	0	0	0	0	0	0
112.0-112.9	0	0	2	0	0	0	0	0	0	0	0
113.0-113.9	0	0	2	0	0	0	0	0	0	0	0
114.0-114.9	0	0	2	0	0	0	0	0	0	0	0
115.0-115.9	0	0	2	0	0	0	0	0	0	0	0
116.0-116.9	0	0	2	0	0	0	0	0	0	0	0
117.0-117.9	0	0	2	0	0	0	0	0	0	0	0
118.0-118.9	0	0	3	1	0	0	0	0	1	1	3
119.0-119.9	0	0	2	0	0	0	0	0	0	0	0
120.0-120.9	0	1	5	0	0	0	0	0	0	0	0
121.0-121.9	0	1	5	0	0	0	0	0	0	0	0
122.0-122.9	0	1	5	0	0	0	0	0	0	0	0
123.0-123.9	0	1	5	0	0	0	0	0	0	0	0
124.0-124.9	0	1	5	0	0	0	0	0	0	0	0
125.0-125.9	0	0	4	2	0	0	0	0	1	1	3
126.0-126.9	0	0	3	1	0	0	0	0	0	0	0
127.0-127.9	0	0	3	1	0	0	0	0	0	0	0
128.0-128.9	0	0	3	1	0	0	0	0	0	0	0
129.0-129.9	0	0	3	1	0	0	0	0	0	0	0
130.0-130.9	0	0	2	0	0	0	0	0	0	0	0
131.0-131.9	0	0	2	0	0	0	0	0	0	0	0
132.0-132.9	0	0	2	0	0	0	0	0	0	0	0
133.0-133.9	0	0	2	0	0	0	0	0	0	0	0
134.0-134.9	0	0	2	0	0	0	0	0	0	0	0
135.0-135.9	0	0	5	0	0	0	0	0	0	0	0
136.0-136.9	0	0	5	0	0	0	0	0	0	0	0
137.0-137.9	0	0	5	0	0	0	0	0	0	0	0
138.0-138.9	0	0	5	0	0	0	0	0	0	0	0
139.0-139.9	0	0	5	0	0	0	0	0	0	0	0
140.0-140.9	8	0	2	0	0	0	0	0	0	0	0
141.0-141.9	8	0	2	0	0	0	0	0	0	0	0
142.0-142.9	8	0	2	0	0	0	0	0	0	0	0
143.0-143.9	8	0	2	0	0	0	0	0	0	0	0
144.0-144.9	8	0	2	0	0	0	0	0	0	0	0
145.0-145.9	5	0	3	3	0	0	0	0	0	0	0
146.0-146.9	5	0	3	3	0	0	0	0	0	0	0
147.0-147.9	5	0	3	3	0	0	0	0	0	0	0
148.0-148.9	5	0	3	3	0	0	0	0	0	0	0
149.0-149.9	5	0	3	3	0	0	0	0	0	0	0
150.0-150.9	0	0	0	3	0	0	0	0	0	0	0
151.0-151.9	0	0	0	3	0	0	0	0	0	0	0
152.0-152.9	0	0	0	3	0	0	0	0	0	0	0
153.0-153.9	0	0	0	3	0	0	0	0	0	0	0
154.0-154.9	0	0	0	3	0	0	0	0	0	0	0
155.0-155.9	5	0	0	4	0	0	0	0	0	0	0
156.0-156.9	5	0	0	4	0	0	0	0	0	0	0
157.0-157.9	5	0	0	4	0	0	0	0	0	0	0
158.0-158.9	5	0	0	4	0	0	0	0	0	0	0
159.0-159.9	5	0	0	4	0	0	0	0	0	0	0
160.0-160.9	11	1	0	3	0	0	0	0	0	0	0
161.0-161.9	11	1	0	3	0	0	0	0	0	0	0
162.0-162.9	11	1	0	3	0	0	0	0	0	0	0
163.0-163.9	11	1	0	3	0	0	0	0	0	0	0



TOTAL # FISH	472	614	1302	1559	399	81	73	205	1155	984	2198
TOTAL CATCH(MT)	31	6	32	23	6	3	5	17	16	30	56
TASKI MT OR # FISH	31	7	32	23	7	4	5	18	16	30	57
# FISH(ORIG.REC)	472.0	614.0	1302.	1559.	399.0	81.00	73.00	205.0	1155.	984.0	2198.
MT(ORIGINAL REC)	30.99	6.410	31.51	22.57	6.500	3.308	4.633	17.49	15.51	29.95	55.85
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	136.0	66.78	85.74	74.42	69.73	65.30	89.28	117.0	69.41	84.38	76.08
MEAN WEIGHT (KG)	65.65	10.44	24.20	14.48	16.29	40.84	63.47	85.33	13.43	30.44	25.41

AREA WEST
COUNTRY USA
GEAR HAND

YEAR	71	72	73	74	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3
52.0- 52.9	0	0	0	5	0	0	0	0	0	0
53.0- 53.9	0	0	0	18	0	0	0	0	0	0
54.0- 54.9	5	0	1	37	0	0	0	0	0	0
55.0- 55.9	28	1	1	61	0	0	0	0	0	0
56.0- 56.9	9	0	2	56	0	0	0	0	0	0
57.0- 57.9	28	2	1	28	0	0	0	0	0	0
58.0- 58.9	42	5	1	12	0	0	0	0	0	0
59.0- 59.9	52	7	1	5	0	0	0	0	0	0
60.0- 60.9	47	10	0	3	0	0	0	0	0	0
61.0- 61.9	70	11	0	0	0	0	0	0	0	0
62.0- 62.9	23	7	0	0	0	0	1	0	0	0
63.0- 63.9	9	3	0	1	0	0	1	0	0	0
64.0- 64.9	5	3	0	1	0	0	1	0	0	0
65.0- 65.9	0	1	0	0	0	0	1	0	0	0
66.0- 66.9	5	0	0	0	0	0	0	0	0	0
67.0- 67.9	0	1	0	0	0	0	0	0	0	0
68.0- 68.9	5	2	0	0	0	0	0	0	0	0
69.0- 69.9	0	1	0	0	0	0	0	0	0	0
70.0- 70.9	0	2	1	0	0	0	0	0	0	0
71.0- 71.9	0	2	3	0	0	0	0	0	0	0
72.0- 72.9	5	4	5	0	0	0	0	0	0	0
73.0- 73.9	5	3	7	0	0	0	0	0	0	0
74.0- 74.9	0	2	9	0	0	0	0	0	0	0
75.0- 75.9	14	3	12	0	0	0	0	0	0	0
76.0- 76.9	38	5	14	0	0	0	0	0	0	0
77.0- 77.9	14	7	13	0	0	0	0	0	0	0
78.0- 78.9	9	7	12	0	0	0	1	0	0	0
79.0- 79.9	14	10	9	4	0	0	1	0	0	0
80.0- 80.9	5	14	6	4	0	0	1	0	0	0
81.0- 81.9	14	12	3	1	0	0	0	0	0	0
82.0- 82.9	0	7	1	1	0	0	0	0	0	0
83.0- 83.9	0	4	1	0	0	0	0	0	0	0
84.0- 84.9	0	5	0	0	0	0	0	0	0	0
85.0- 85.9	0	4	0	0	0	0	0	0	0	0
86.0- 86.9	0	2	0	0	0	0	0	0	0	0
87.0- 87.9	0	1	0	0	0	0	0	0	0	0
91.0- 91.9	0	1	0	0	0	0	0	0	0	0
92.0- 92.9	0	2	0	0	0	0	0	0	0	0
93.0- 93.9	0	2	0	1	0	0	0	0	0	0
94.0- 94.9	0	3	1	1	0	0	0	0	0	0
95.0- 95.9	0	1	1	1	0	0	0	0	0	0
96.0- 96.9	0	2	0	1	0	0	0	0	0	0
97.0- 97.9	0	1	1	1	0	0	0	0	0	0
98.0- 98.9	0	2	1	1	0	0	0	0	0	0
99.0- 99.9	0	4	3	0	0	0	0	0	0	0
100.0-100.9	0	3	4	0	0	0	0	0	0	0
101.0-101.9	0	2	5	0	0	0	1	0	0	0
102.0-102.9	0	3	6	0	0	0	1	0	0	0
103.0-103.9	0	2	5	0	0	0	0	0	0	0
104.0-104.9	0	0	4	0	0	1	0	0	0	0
105.0-105.9	0	2	3	0	0	1	0	0	0	0
106.0-106.9	0	1	2	0	0	0	0	0	0	0
107.0-107.9	0	0	1	0	0	0	0	0	0	0
108.0-108.9	0	0	1	0	0	0	0	0	0	0
124.0-124.9	0	0	1	0	0	0	0	0	0	0
125.0-125.9	0	0	1	0	0	0	0	0	0	0
126.0-126.9	0	0	2	0	0	0	0	0	0	0
127.0-127.9	0	0	1	0	0	0	0	0	0	0
128.0-128.9	0	1	1	0	0	0	0	0	0	0
129.0-129.9	0	0	1	0	0	0	0	0	0	0
131.0-131.9	0	0	1	0	0	0	0	0	0	0
133.0-133.9	0	1	0	0	0	0	0	0	0	0
142.0-142.9	0	1	0	0	0	0	0	0	0	0
144.0-144.9	0	1	0	0	0	0	0	0	0	0
147.0-147.9	0	0	0	0	0	0	1	0	0	0
148.0-148.9	0	0	0	0	0	0	1	0	0	0
152.0-152.9	0	0	1	0	0	0	0	0	0	0
153.0-153.9	0	0	1	0	0	0	0	0	0	0
156.0-156.9	0	0	1	0	0	0	0	0	0	0
157.0-157.9	0	0	1	0	0	0	0	0	0	0
158.0-158.9	0	0	1	0	0	0	0	0	0	0
159.0-159.9	0	0	1	0	0	0	0	0	0	0
160.0-160.9	0	0	1	0	0	0	0	0	0	0
161.0-161.9	0	0	1	0	0	0	0	0	0	0
162.0-162.9	0	0	1	0	0	0	0	0	0	0
163.0-163.9	0	0	1	0	0	0	0	0	0	0
164.0-164.9	0	0	1	0	0	0	0	0	0	0
165.0-165.9	0	1	1	0	0	0	0	0	0	0
166.0-166.9	0	1	1	0	0	0	0	0	0	0
167.0-167.9	0	1	1	0	0	0	0	0	0	0
168.0-168.9	0	1	1	0	0	0	0	0	0	0
169.0-169.9	0	1	1	0	0	0	0	0	0	0
170.0-170.9	0	0	1	0	0	0	0	0	0	0
171.0-171.9	0	0	1	0	0	0	0	0	0	0
172.0-172.9	0	0	1	0	0	0	0	0	0	0
173.0-173.9	0	0	1	0	0	1	0	0	0	0
174.0-174.9	0	0	1	0	0	0	0	0	0	0
175.0-175.9	0	0	1	0	0	0	0	0	0	0
176.0-176.9	0	0	1	0	0	0	0	0	0	0
177.0-177.9	0	0	1	0	0	0	0	0	0	0
178.0-178.9	0	0	1	0	0	0	0	0	0	0
179.0-179.9	0	0	1	0	0	0	0	0	0	0
180.0-180.9	0	1	1	0	0	0	0	0	0	0
181.0-181.9	0	1	1	0	0	0	0	0	0	0
182.0-182.9	0	1	1	0	0	0	0	0	0	0
183.0-183.9	0	1	1	0	0	0	0	0	0	0
184.0-184.9	0	1	1	0	0	0	0	0	0	0
185.0-185.9	0	2	1	0	0	0	0	0	0	0
186.0-186.9	0	2	3	0	0	0	0	0	0	0
187.0-187.9	0	2	3	0	0	0	0	0	0	0
188.0-188.9	0	2	3	0	0	0	0	0	0	0

189.0-189.9	0	2	3	0	0	0	0	1	0	0
190.0-190.9	0	1	3	1	0	2	0	1	0	0
191.0-191.9	0	1	5	1	0	2	0	0	0	1
192.0-192.9	0	1	5	1	0	0	2	0	0	0
193.0-193.9	0	1	5	1	0	0	0	0	0	1
194.0-194.9	0	1	5	0	0	0	1	0	1	1
195.0-195.9	0	1	5	0	0	0	3	0	0	1
196.0-196.9	0	1	6	0	0	0	1	0	0	2
197.0-197.9	0	1	6	1	0	0	1	1	0	3
198.0-198.9	0	1	6	1	0	0	0	0	1	1
199.0-199.9	0	1	6	0	0	0	3	0	0	1
200.0-200.9	0	1	6	0	0	0	1	0	0	1
201.0-201.9	0	1	4	0	0	0	0	0	0	3
202.0-202.9	0	1	4	2	0	0	2	1	0	1
203.0-203.9	0	1	4	0	0	0	2	0	0	2
204.0-204.9	0	1	4	0	0	0	0	0	0	2
205.0-205.9	0	0	4	0	0	0	0	0	0	1
206.0-206.9	0	0	2	0	0	0	0	1	0	5
207.0-207.9	0	0	2	1	0	0	0	1	0	0
208.0-208.9	0	0	2	1	0	0	0	0	0	5
209.0-209.9	0	0	2	0	0	0	1	0	0	3
210.0-210.9	0	2	2	2	2	2	1	0	1	5
211.0-211.9	0	2	3	1	0	1	0	0	0	3
212.0-212.9	0	2	3	1	0	0	1	0	0	3
213.0-213.9	0	2	3	0	0	0	1	0	1	3
214.0-214.9	0	2	3	2	1	1	2	1	2	0
215.0-215.9	0	6	3	0	0	0	0	1	1	4
216.0-216.9	0	6	4	0	0	0	1	0	1	2
217.0-217.9	0	6	4	0	0	0	0	0	3	2
218.0-218.9	0	6	4	0	0	0	0	0	3	2
219.0-219.9	0	6	4	0	1	3	0	1	3	1
220.0-220.9	0	7	4	0	0	1	0	4	2	5
221.0-221.9	0	7	6	0	1	0	0	1	2	1
222.0-222.9	0	7	6	0	1	1	0	3	5	2
223.0-223.9	0	7	6	0	0	1	1	9	2	0
224.0-224.9	0	7	6	0	1	2	1	0	4	6
225.0-225.9	2	16	6	0	1	3	0	3	2	1
226.0-226.9	2	16	12	1	6	3	1	4	2	2
227.0-227.9	2	16	12	1	5	2	4	5	1	0
228.0-228.9	2	16	12	0	2	1	1	8	2	4
229.0-229.9	2	16	12	0	1	3	1	10	6	2
230.0-230.9	1	22	12	0	2	2	2	12	1	2
231.0-231.9	1	22	18	0	4	4	3	20	5	3
232.0-232.9	1	22	18	2	2	2	0	10	2	3
233.0-233.9	1	22	18	2	2	3	2	16	1	2
234.0-234.9	1	22	18	0	6	10	0	20	4	3
235.0-235.9	8	27	18	1	2	3	0	8	2	3
236.0-236.9	8	27	21	9	2	6	0	13	6	2
237.0-237.9	8	27	21	3	5	4	4	8	7	1
238.0-238.9	8	27	21	1	6	7	11	18	6	4
239.0-239.9	8	27	21	1	5	2	11	24	6	7
240.0-240.9	17	28	21	1	3	2	6	9	0	3
241.0-241.9	17	28	25	1	28	29	23	14	4	2
242.0-242.9	17	28	25	1	3	9	9	22	6	4
243.0-243.9	17	28	25	1	7	4	9	26	4	6
244.0-244.9	17	28	25	0	9	8	20	34	9	3
245.0-245.9	12	22	25	0	10	13	20	20	5	1
246.0-246.9	12	22	29	1	6	7	14	17	5	5
247.0-247.9	12	22	29	8	10	10	9	28	9	3
248.0-248.9	12	22	29	0	20	32	19	38	7	5
249.0-249.9	12	22	29	6	12	12	18	18	24	2
250.0-250.9	8	18	29	6	12	12	23	28	5	6
251.0-251.9	8	18	27	5	12	9	26	21	15	3
252.0-252.9	8	18	27	7	18	20	17	28	16	7
253.0-253.9	8	18	27	3	7	8	27	21	14	8
254.0-254.9	8	18	27	3	38	77	60	17	26	5
255.0-255.9	5	17	27	1	9	11	17	18	19	9
256.0-256.9	5	17	21	9	7	16	25	25	20	8
257.0-257.9	5	17	21	10	16	32	32	24	33	15
258.0-258.9	5	17	21	6	15	14	29	42	13	10
259.0-259.9	5	17	21	6	13	13	42	30	37	10
260.0-260.9	4	12	21	0	17	21	40	30	21	15
261.0-261.9	4	12	13	5	24	30	61	42	21	9
262.0-262.9	4	12	13	11	14	12	38	30	30	12
263.0-263.9	4	12	13	4	14	21	22	46	29	20
264.0-264.9	4	12	13	2	10	21	47	31	28	17
265.0-265.9	2	5	13	1	10	10	33	28	33	20
266.0-266.9	2	5	9	4	22	53	45	37	52	21
267.0-267.9	2	5	9	2	8	14	36	38	40	19
268.0-268.9	2	5	9	6	13	12	44	22	32	19
269.0-269.9	2	5	9	5	9	14	29	25	43	19
270.0-270.9	3	6	9	1	4	7	31	17	21	26
271.0-271.9	3	6	5	2	7	13	25	31	37	28
272.0-272.9	3	6	5	0	6	24	34	22	24	19
273.0-273.9	3	6	5	1	7	10	17	39	31	17
274.0-274.9	3	6	5	1	6	7	31	8	22	23
275.0-275.9	1	1	5	1	3	9	18	18	26	28
276.0-276.9	1	1	2	1	3	5	15	13	20	24
277.0-277.9	1	1	2	0	6	15	20	29	31	19
278.0-278.9	1	1	2	0	2	4	12	21	7	29
279.0-279.9	1	1	2	2	3	3	26	20	21	15
280.0-280.9	0	1	2	2	1	3	19	12	26	15
281.0-281.9	0	1	1	0	1	2	10	22	15	19
282.0-282.9	0	1	1	0	1	7	11	20	14	19
283.0-283.9	0	1	1	0	1	2	4	8	13	14
284.0-284.9	0	1	1	0	0	1	9	10	15	8
285.0-285.9	0	0	1	0	1	2	6	9	7	14
286.0-286.9	0	0	0	0	1	1	0	13	5	8
287.0-287.9	0	0	0	0	0	2	6	12	12	12
288.0-288.9	0	0	0	0	1	1	0	8	7	6
289.0-289.9	0	0	0	0	1	0	2	3	6	11
290.0-290.9	0	0	0	0	0	0	0	3	6	7
291.0-291.9	0	0	0	0	0	1	0	3	2	4
292.0-292.9	0	0	0	0	1	0	0	0	2	5
293.0-293.9	0	0	0	0	0	0	0	0	4	5
294.0-294.9	0	0	0	0	0	0	0	0	1	4
295.0-295.9	0	0	0	0	0	0	0	1	0	3
296.0-296.9	0	0	0	0	0	0	0	1	0	2

297.0-297.9	0	0	0	0	0	1	2	0	0	1
298.0-298.9	0	0	0	0	0	0	0	0	1	5
299.0-299.9	0	0	0	0	0	0	0	0	0	1
300.0-300.9	0	0	0	0	0	0	0	3	1	3
302.0-302.9	0	0	0	0	0	0	0	0	1	1
304.0-304.9	0	0	0	0	0	0	0	0	1	0
310.0-310.9	0	0	0	0	0	0	0	0	0	796
TOTAL # FISH	761	1168	1261	406	510	741	1213	1367	1060	

TOTAL CATCH(MT)		95	270	299	41	162	237	404	444	374	279
TASKI MT OR # FISH		95	270	297	42	515	745	1222	1369	378	796
# FISH(ORIG,REC)	761.0	1168.	1261.	406.0	510.0	741.0	1213.	1367.	1060.	796.0	
MT(ORIGINAL REC)	95.22	269.8	299.0	40.68	161.8	237.2	403.7	444.0	374.1	279.5	
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
MEAN LENGTH (CM)	140.8	216.2	222.1	135.3	255.2	256.5	259.3	258.1	264.3	264.3	
MEAN WEIGHT (KG)	125.1	231.0	237.1	100.2	317.3	320.1	332.8	324.8	353.0	351.1	

AREA WEST
COUNTRY USA
GEAR RR

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	3
47.0- 47.9	13	31	180	495	135	243	877	67	102	216	220
49.0- 49.9	2	5	30	82	22	40	146	11	17	36	0
50.0- 50.9	81	199	1149	3161	860	1550	5605	427	649	1377	1408
51.0- 51.9	35	87	500	1374	374	674	2437	186	282	599	3
53.0- 53.9	179	442	2548	7010	1907	3437	12428	946	1439	3054	1288
54.0- 54.9	1	2	10	27	7	13	49	4	6	12	0
55.0- 55.9	50	123	709	1952	531	957	3460	263	401	850	832
56.0- 56.9	41	102	590	1622	441	795	2875	219	333	707	5
57.0- 57.9	2	5	30	82	22	40	146	11	17	36	0
58.0- 58.9	10	24	140	385	105	189	682	52	79	168	61
59.0- 59.9	2	5	30	82	22	40	146	11	17	36	0
60.0- 60.9	1	3	20	55	15	27	97	7	11	24	0
61.0- 61.9	1	2	10	27	7	13	49	4	6	12	0
62.0- 62.9	1	3	20	55	15	27	97	7	11	24	24
64.0- 64.9	1	2	10	27	7	13	49	4	6	12	0
65.0- 65.9	1	3	20	55	15	27	97	7	11	24	24
67.0- 67.9	8	19	110	302	82	148	536	41	62	132	135
68.0- 68.9	8	21	120	330	90	162	585	45	68	144	0
69.0- 69.9	20	49	280	770	209	377	1365	104	158	335	343
70.0- 70.9	87	215	1239	3409	928	1672	6043	460	700	1485	502
72.0- 72.9	49	121	699	1924	524	944	3412	260	395	838	845
73.0- 73.9	152	376	2168	5965	1623	2925	10576	805	1224	2599	661
74.0- 74.9	32	80	460	1264	344	620	2242	171	260	551	563
75.0- 75.9	95	234	1349	3711	1010	1820	6579	501	762	1617	196
76.0- 76.9	8	21	120	330	90	162	585	45	68	144	49
77.0- 77.9	6	16	90	247	67	121	439	33	51	108	73
78.0- 78.9	19	47	270	742	202	364	1316	100	152	323	0
79.0- 79.9	3	7	40	110	30	54	195	15	23	48	12
80.0- 80.9	4	9	50	137	37	67	244	19	28	60	12
81.0- 81.9	3	7	40	110	30	54	195	15	23	48	12
85.0- 85.9	1	3	20	55	15	27	97	7	11	24	12
86.0- 86.9	2	5	30	82	22	40	146	11	17	36	37
87.0- 87.9	6	14	80	220	60	108	390	30	45	96	37
88.0- 88.9	2	5	30	82	22	40	146	11	17	36	37
89.0- 89.9	7	17	100	275	75	135	487	37	56	120	122
90.0- 90.9	13	33	190	522	142	256	926	71	107	228	184
91.0- 91.9	5	12	70	192	52	94	341	26	39	84	86
92.0- 92.9	7	17	100	275	75	135	487	37	56	120	49
94.0- 94.9	2	5	30	82	22	40	146	11	17	36	37
95.0- 95.9	4	10	60	165	45	81	292	22	34	72	0
96.0- 96.9	1	2	10	27	7	13	49	4	6	12	12
97.0- 97.9	1	2	10	27	7	13	49	4	6	12	0
100.0-100.9	0	0	10	0	5	0	0	0	0	0	0
101.0-101.9	0	0	10	0	5	0	0	0	0	0	0
102.0-102.9	0	0	10	0	5	0	0	0	0	0	0
103.0-103.9	0	0	10	0	5	0	0	0	0	0	0
104.0-104.9	0	0	10	0	5	0	0	0	0	0	0
110.0-110.9	0	4	20	16	0	0	0	0	0	0	0
111.0-111.9	0	4	20	16	0	0	0	0	0	0	0
112.0-112.9	0	4	20	16	0	0	0	0	0	0	0
113.0-113.9	0	4	20	16	0	0	0	0	0	0	0
114.0-114.9	0	4	20	16	0	0	0	0	0	0	0
115.0-115.9	0	4	20	0	0	0	0	0	0	0	0
116.0-116.9	0	4	20	0	0	0	0	0	0	0	0
117.0-117.9	0	4	20	0	0	0	0	0	0	0	0
118.0-118.9	1	6	30	27	7	13	49	4	6	12	12
119.0-119.9	0	4	20	0	0	0	0	0	0	0	0
120.0-120.9	0	18	51	32	0	0	0	0	0	0	0
121.0-121.9	0	18	51	32	0	0	0	0	0	0	0
122.0-122.9	0	18	51	32	0	0	0	0	0	0	0
123.0-123.9	0	18	51	32	0	0	0	0	0	0	0
124.0-124.9	0	18	51	32	0	0	0	0	0	0	0
125.0-125.9	1	2	40	59	7	13	49	4	6	12	12
126.0-126.9	0	0	30	32	0	0	0	0	0	0	0
127.0-127.9	0	0	30	32	0	0	0	0	0	0	0
128.0-128.9	0	0	30	32	0	0	0	0	0	0	0
129.0-129.9	0	0	30	32	0	0	0	0	0	0	0
130.0-130.9	0	0	20	80	0	0	0	0	0	0	0
131.0-131.9	0	0	20	80	0	0	0	0	0	0	0
132.0-132.9	0	0	20	80	0	0	0	0	0	0	0
133.0-133.9	0	0	20	80	0	0	0	0	0	0	0
134.0-134.9	0	0	20	80	0	0	0	0	0	0	0
135.0-135.9	0	7	51	32	0	0	0	0	0	0	0
136.0-136.9	0	7	51	32	0	0	0	0	0	0	0
137.0-137.9	0	7	51	32	0	0	0	0	0	0	0
138.0-138.9	0	7	51	32	0	0	0	0	0	0	0
139.0-139.9	0	7	51	32	0	0	0	0	0	0	0
140.0-140.9	5	0	20	112	5	0	0	0	0	0	0
141.0-141.9	5	0	20	112	5	0	0	0	0	0	0
142.0-142.9	5	0	20	112	5	0	0	0	0	0	0
143.0-143.9	5	0	20	112	5	0	0	0	0	0	0
144.0-144.9	5	0	20	112	5	0	0	0	0	0	0
145.0-145.9	3	4	30	112	0	0	0	0	0	0	0
146.0-146.9	3	4	30	112	0	0	0	0	0	0	0
147.0-147.9	3	4	30	112	0	0	0	0	0	0	0
148.0-148.9	3	4	30	112	0	0	0	0	0	0	0
149.0-149.9	3	4	30	112	0	0	0	0	0	0	0
150.0-150.9	0	4	0	96	14	0	0	0	0	0	0
151.0-151.9	0	4	0	96	14	0	0	0	0	0	0
152.0-152.9	0	4	0	96	14	0	0	0	0	0	0
153.0-153.9	0	4	0	96	14	0	0	0	0	0	0
154.0-154.9	0	4	0	96	14	0	0	0	0	0	0
155.0-155.9	3	4	0	64	0	0	131	0	0	0	0
156.0-156.9	3	4	0	64	0	0	131	0	0	0	0
157.0-157.9	3	4	0	64	0	0	131	0	0	0	0
158.0-158.9	3	4	0	64	0	0	131	0	0	0	0
159.0-159.9	3	4	0	64	0	0	131	0	0	0	0
160.0-160.9	6	11	0	128	0	0	0	0	0	0	4
161.0-161.9	6	11	0	128	0	0	0	0	0	0	4
162.0-162.9	6	11	0	128	0	0	0	0	0	0	4
163.0-163.9	6	11	0	128	0	0	0	0	0	0	4

164.0-164.9	6	11	0	128	0	0	0	0	0	0	
165.0-165.9	8	4	0	48	14	21	0	0	0	0	
166.0-166.9	8	4	0	48	14	21	0	0	0	0	
167.0-167.9	8	4	0	48	14	21	0	0	0	0	
168.0-168.9	8	4	0	48	14	21	0	0	0	0	
169.0-169.9	8	4	0	48	14	21	0	0	0	0	
170.0-170.9	3	0	0	16	9	0	0	0	0	5	
171.0-171.9	3	0	0	16	9	0	0	0	0	5	
172.0-172.9	3	0	0	16	9	0	0	0	0	5	
173.0-173.9	3	0	0	16	9	0	0	0	0	5	
174.0-174.9	3	0	0	16	9	0	0	0	0	5	
175.0-175.9	2	4	10	16	0	0	65	0	0	0	
176.0-176.9	2	4	10	16	0	0	65	0	0	0	
177.0-177.9	2	4	10	16	0	0	65	0	0	0	
178.0-178.9	2	4	10	16	0	0	65	0	0	0	
179.0-179.9	2	4	10	16	0	0	65	0	0	0	
180.0-180.9	0	7	61	0	9	21	0	0	0	0	
181.0-181.9	0	7	61	0	9	21	0	0	0	0	
182.0-182.9	0	7	61	0	9	21	0	0	0	0	
183.0-183.9	0	7	61	0	9	21	0	0	0	0	
184.0-184.9	0	7	61	0	9	21	0	0	0	0	
185.0-185.9	0	0	10	0	5	21	0	0	0	0	
186.0-186.9	0	0	10	0	5	21	0	0	0	0	
187.0-187.9	0	0	10	0	5	21	0	0	0	0	
188.0-188.9	0	0	10	0	5	21	0	0	0	0	
189.0-189.9	0	0	10	0	5	21	0	0	0	0	
190.0-190.9	2	0	10	16	9	0	65	0	0	10	
191.0-191.9	2	0	10	16	9	0	65	0	0	10	
192.0-192.9	2	0	10	16	9	0	65	0	0	10	
193.0-193.9	2	0	10	16	9	0	65	0	0	10	
194.0-194.9	2	0	10	16	9	0	65	0	0	10	
195.0-195.9	0	4	20	0	5	0	0	2	0	5	
196.0-196.9	0	4	20	0	5	0	0	2	0	5	
197.0-197.9	0	4	20	0	5	0	0	2	0	5	
198.0-198.9	0	4	20	0	5	0	0	2	0	5	
199.0-199.9	0	4	20	0	5	0	0	2	0	5	
200.0-200.9	2	0	10	0	0	0	0	0	6	15	
201.0-201.9	2	0	10	0	0	0	0	0	6	15	
202.0-202.9	2	0	10	0	0	0	0	0	6	15	
203.0-203.9	2	0	10	0	0	0	0	0	6	15	
204.0-204.9	2	0	10	0	0	0	0	0	6	15	
205.0-205.9	0	0	20	64	0	0	0	0	0	36	
206.0-206.9	0	0	20	64	0	0	0	0	0	36	
207.0-207.9	0	0	20	64	0	0	0	0	0	36	
208.0-208.9	0	0	20	64	0	0	0	0	0	36	
209.0-209.9	0	0	20	64	0	0	0	0	0	36	
210.0-210.9	0	0	20	48	0	21	65	0	6	51	
211.0-211.9	0	0	20	48	0	21	65	0	6	51	
212.0-212.9	0	0	20	48	0	21	65	0	6	51	
213.0-213.9	0	0	20	48	0	21	65	0	6	51	
214.0-214.9	0	0	20	48	0	21	65	0	6	51	
215.0-215.9	0	4	0	64	5	21	0	0	23	46	
216.0-216.9	0	4	0	64	5	21	0	0	23	46	
217.0-217.9	0	4	0	64	5	21	0	0	23	46	
218.0-218.9	0	4	0	64	5	21	0	0	23	46	
219.0-219.9	0	4	0	64	5	21	0	0	23	46	
220.0-220.9	0	0	10	96	23	21	0	14	29	51	
221.0-221.9	0	0	10	96	23	21	0	14	29	51	
222.0-222.9	0	0	10	96	23	21	0	14	29	51	
223.0-223.9	0	0	10	96	23	21	0	14	29	51	
224.0-224.9	0	0	10	96	23	21	0	14	29	51	
225.0-225.9	2	4	10	64	54	84	65	14	17	56	
226.0-226.9	2	4	10	64	54	84	65	14	17	56	
227.0-227.9	2	4	10	64	54	84	65	14	17	56	
228.0-228.9	2	4	10	64	54	84	65	14	17	56	
229.0-229.9	2	4	10	64	54	84	65	14	17	56	
230.0-230.9	0	7	0	48	95	63	261	25	17	46	
231.0-231.9	0	7	0	48	95	63	261	25	17	46	
232.0-232.9	0	7	0	48	95	63	261	25	17	46	
233.0-233.9	0	7	0	48	95	63	261	25	17	46	
234.0-234.9	0	7	0	48	95	63	261	25	17	46	
235.0-235.9	0	4	10	64	14	84	392	32	12	61	
236.0-236.9	0	4	10	64	14	84	392	32	12	61	
237.0-237.9	0	4	10	64	14	84	392	32	12	61	
238.0-238.9	0	4	10	64	14	84	392	32	12	61	
239.0-239.9	0	4	10	64	14	84	392	32	12	61	
240.0-240.9	2	0	20	64	23	84	196	34	47	25	
241.0-241.9	2	0	20	64	23	84	196	34	47	25	
242.0-242.9	2	0	20	64	23	84	196	34	47	25	
243.0-243.9	2	0	20	64	23	84	196	34	47	25	
244.0-244.9	2	0	20	64	23	84	196	34	47	25	
245.0-245.9	0	4	20	64	41	42	261	20	64	76	
246.0-246.9	0	4	20	64	41	42	261	20	64	76	
247.0-247.9	0	4	20	64	41	42	261	20	64	76	
248.0-248.9	0	4	20	64	41	42	261	20	64	76	
249.0-249.9	0	4	20	64	41	42	261	20	64	76	
250.0-250.9	0	0	20	0	32	105	327	27	47	51	
251.0-251.9	0	0	20	0	32	105	327	27	47	51	
252.0-252.9	0	0	20	0	32	105	327	27	47	51	
253.0-253.9	0	0	20	0	32	105	327	27	47	51	
254.0-254.9	0	0	20	0	32	105	327	27	47	51	
255.0-255.9	0	0	0	0	27	21	196	5	6	46	
256.0-256.9	0	0	0	0	27	21	196	5	6	46	
257.0-257.9	0	0	0	0	27	21	196	5	6	46	
258.0-258.9	0	0	0	0	27	21	196	5	6	46	
259.0-259.9	0	0	0	0	27	21	196	5	6	46	
260.0-260.9	0	0	0	0	5	63	261	5	12	0	
261.0-261.9	0	0	0	0	5	63	261	5	12	0	
262.0-262.9	0	0	0	0	5	63	261	5	12	0	
263.0-263.9	0	0	0	0	5	63	261	5	12	0	
264.0-264.9	0	0	0	0	5	63	261	5	12	0	
265.0-265.9	0	0	0	0	0	0	131	9	6	10	
266.0-266.9	0	0	0	0	0	0	131	9	6	10	
267.0-267.9	0	0	0	0	0	0	131	9	6	10	
268.0-268.9	0	0	0	0	0	0	131	9	6	10	
269.0-269.9	0	0	0	0	0	0	131	9	6	10	
270.0-270.9	0	0	0	0	0	0	0	0	0	5	
271.0-271.9	0	0	0	0	0	0	0	0	0	5	

272.0-272.9	0	0	0	0	0	0	0	0	0	5	
273.0-273.9	0	0	0	0	0	0	0	0	0	5	
274.0-274.9	0	0	0	0	0	0	0	0	0	5	
275.0-275.9	0	0	0	0	0	0	0	0	0	5	
276.0-276.9	0	0	0	0	0	0	0	0	0	5	
277.0-277.9	0	0	0	0	0	0	0	0	0	5	
278.0-278.9	0	0	0	0	0	0	0	0	0	5	
279.0-279.9	0	0	0	0	0	0	0	0	0	5	
280.0-280.9	0	0	0	0	0	0	0	0	0	0	
281.0-281.9	0	0	0	0	0	0	0	0	0	0	
282.0-282.9	0	0	0	0	0	0	0	0	0	0	
283.0-283.9	0	0	0	0	0	0	0	0	0	0	
284.0-284.9	0	0	0	0	0	0	0	0	0	0	
285.0-285.9	0	0	0	0	0	0	0	0	0	0	
286.0-286.9	0	0	0	0	0	0	0	0	0	0	
287.0-287.9	0	0	0	0	0	0	0	0	0	0	
288.0-288.9	0	0	0	0	0	0	0	0	0	0	
289.0-289.9	0	0	0	0	0	0	0	0	0	0	
TOTAL # FISH	1158	2879	16296	44780	12279	21943	79286	6054	9244	19519	9779

TOTAL CATCH(MT)		23	59	329	1047	494	955	3564	283	434	827
TASK I MT OR # FISH		1145	2859	16318	44799	12266	21953	79300	6046	9236	19513
# FISH(ORIG.REC)	1158.	2879.	.1630E+05	.4478E+05	.1228E+05	.2194E+05	.7929E+05	6054.	9244.	.1952E+05	9779.
MT(ORIGINAL REC)	23.32	58.62	329.0	1047.	493.7	955.2	3564.	282.9	433.9	827.0	429.4
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	83.19	83.17	81.76	83.57	91.19	91.61	91.99	92.82	93.19	91.30	90.36
MEAN WEIGHT (KG)	20.14	20.36	20.19	23.37	40.21	43.53	44.95	46.73	46.94	42.37	43.91

AREA WEST
COUNTRY USA
GEAR RR

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3	3
21.0- 21.9	0	0	0	0	0	0	0	4	0	0	0
22.0- 22.9	0	0	0	0	0	0	0	6	0	0	0
23.0- 23.9	0	0	0	0	0	0	0	4	0	0	0
24.0- 24.9	0	0	0	0	0	0	0	2	0	0	0
25.0- 25.9	0	0	0	0	0	0	0	2	0	0	0
26.0- 26.9	0	0	0	0	4	0	2	2	0	0	0
27.0- 27.9	0	0	0	0	4	0	5	0	0	0	0
28.0- 28.9	0	0	0	0	0	0	6	0	0	0	0
29.0- 29.9	0	0	0	0	0	0	3	0	0	0	0
34.0- 34.9	0	0	0	0	0	0	0	4	0	0	0
35.0- 35.9	0	0	0	0	0	0	0	6	3	0	0
36.0- 36.9	0	0	0	0	0	0	0	6	0	0	0
37.0- 37.9	0	0	0	0	0	0	0	4	3	4	0
38.0- 38.9	0	0	0	0	0	0	0	2	0	0	0
39.0- 39.9	0	0	0	0	0	0	0	2	0	0	0
40.0- 40.9	0	0	0	0	0	0	2	0	0	0	7
41.0- 41.9	0	0	0	0	0	0	5	0	0	0	7
42.0- 42.9	0	0	0	0	0	0	3	0	0	0	0
44.0- 44.9	0	0	0	0	9	0	0	0	0	0	0
45.0- 45.9	0	0	0	0	13	0	0	0	0	0	0
46.0- 46.9	0	0	0	0	9	0	2	0	0	0	0
47.0- 47.9	0	0	0	0	4	0	3	2	0	0	0
48.0- 48.9	0	0	0	0	38	0	2	2	0	0	0
49.0- 49.9	0	2	0	0	81	0	0	0	0	0	0
50.0- 50.9	0	2	1	0	98	5	2	2	0	0	7
51.0- 51.9	0	2	2	0	81	5	3	2	0	0	0
52.0- 52.9	0	18	4	783	162	2	6	6	7	0	0
53.0- 53.9	0	29	10	2739	580	18	9	21	13	4	7
54.0- 54.9	190	3	15	5674	1279	52	23	27	23	4	0
55.0- 55.9	1139	93	31	9391	1943	104	52	29	10	26	7
56.0- 56.9	380	36	55	8609	2527	160	59	31	46	21	26
57.0- 57.9	1139	187	26	4304	2463	223	62	35	80	43	46
58.0- 58.9	1709	395	27	1761	1926	277	55	66	163	47	66
59.0- 59.9	2088	648	15	783	1262	174	37	82	222	81	79
60.0- 60.9	1898	841	9	391	541	54	38	95	66	133	196
61.0- 61.9	2848	949	7	0	371	88	34	140	431	99	99
62.0- 62.9	949	574	7	0	247	72	27	145	421	86	152
63.0- 63.9	380	273	9	196	89	20	17	135	385	107	211
64.0- 64.9	190	247	3	196	64	14	10	164	269	77	218
65.0- 65.9	0	47	7	0	13	5	15	143	179	51	165
66.0- 66.9	190	31	6	0	4	11	18	95	126	56	284
67.0- 67.9	0	47	9	0	9	13	16	74	103	43	251
68.0- 68.9	190	148	6	0	9	13	25	93	70	21	237
69.0- 69.9	0	127	14	0	17	9	21	99	63	21	191
70.0- 70.9	0	133	37	0	13	5	7	45	33	17	297
71.0- 71.9	0	212	87	0	13	5	21	89	43	26	218
72.0- 72.9	190	371	134	0	43	4	83	148	53	26	119
73.0- 73.9	190	228	212	0	94	13	145	237	20	9	73
74.0- 74.9	0	171	245	0	102	20	201	284	33	34	26
75.0- 75.9	570	223	344	0	72	22	397	159	53	56	20
76.0- 76.9	1519	438	391	0	115	45	710	212	56	73	46
77.0- 77.9	570	584	359	0	111	65	856	332	139	142	33
78.0- 78.9	380	571	337	0	209	97	628	360	166	257	40
79.0- 79.9	570	843	267	587	230	189	321	294	328	266	92
80.0- 80.9	190	1198	164	587	128	198	188	226	408	493	112
81.0- 81.9	570	1007	91	196	217	104	88	258	481	446	138
82.0- 82.9	0	591	36	196	243	52	60	218	378	489	158
83.0- 83.9	0	322	25	0	247	38	63	167	481	446	106
84.0- 84.9	0	415	12	0	243	22	27	132	348	528	165
85.0- 85.9	0	345	5	0	170	11	10	109	249	450	92
86.0- 86.9	0	168	8	0	115	13	7	84	249	407	158
87.0- 87.9	0	47	3	0	81	13	11	49	199	395	132
88.0- 88.9	0	20	1	0	51	9	8	49	133	270	59
89.0- 89.9	0	34	2	0	13	5	3	37	89	133	13
90.0- 90.9	0	34	1	0	0	7	0	19	46	107	79
91.0- 91.9	0	67	2	0	0	7	5	16	33	60	46
92.0- 92.9	0	164	7	0	0	7	8	14	13	34	53
93.0- 93.9	0	195	7	196	0	13	5	8	13	39	13
94.0- 94.9	0	241	15	196	0	25	6	4	3	21	33
95.0- 95.9	0	119	20	196	0	47	6	6	17	30	13
96.0- 96.9	0	216	13	196	0	63	21	8	17	17	33
97.0- 97.9	0	125	35	196	0	79	24	19	27	34	13
98.0- 98.9	0	172	39	196	4	79	15	12	40	9	20
99.0- 99.9	0	361	92	0	4	70	25	12	33	17	0
100.0-100.9	0	234	116	0	0	63	48	16	37	21	93
101.0-101.9	0	181	132	0	0	49	47	9	46	21	7
102.0-102.9	0	296	175	0	0	32	27	13	60	26	13
103.0-103.9	0	158	137	0	0	22	30	14	56	17	13
104.0-104.9	0	42	100	0	0	18	23	16	33	13	26
105.0-105.9	0	138	81	0	13	14	24	14	43	26	20
106.0-106.9	0	124	46	0	13	9	42	14	23	17	46
107.0-107.9	0	0	30	0	4	4	29	14	13	13	7
108.0-108.9	0	0	20	0	17	0	28	8	20	17	26
109.0-109.9	0	31	11	0	21	0	25	8	13	34	26
110.0-110.9	0	0	5	0	9	0	15	8	7	17	20
111.0-111.9	0	0	5	0	0	4	11	4	3	21	7
112.0-112.9	0	0	0	0	4	4	5	0	0	13	0
113.0-113.9	0	0	3	0	4	0	5	2	10	17	7
114.0-114.9	0	0	0	0	0	0	2	2	10	9	7
115.0-115.9	0	0	2	0	4	0	2	4	0	13	20
116.0-116.9	0	0	0	0	38	0	2	4	0	9	7
117.0-117.9	0	8	1	0	38	0	0	0	0	9	20
118.0-118.9	0	0	0	0	21	0	10	0	0	4	7
119.0-119.9	0	8	2	0	34	0	12	0	0	4	0
120.0-120.9	0	8	6	0	34	2	6	0	0	9	0
121.0-121.9	0	15	8	0	17	4	6	0	0	21	0
122.0-122.9	0	8	13	0	4	2	2	2	0	4	0
123.0-123.9	0	33	8	0	0	0	2	2	0	13	0
124.0-124.9	0	8	21	0	21	0	4	0	0	13	0
125.0-125.9	0	39	31	0	30	0	7	0	3	21	0
126.0-126.9	0	15	44	0	13	0	7	2	10	0	0

127.0-127.9	0	16	36	0	9	2	4	4	3	17	0
128.0-128.9	0	60	26	0	4	2	2	2	3	17	0
129.0-129.9	0	26	34	0	13	0	9	2	3	17	7
130.0-130.9	0	15	14	0	13	0	7	2	3	9	0
131.0-131.9	0	31	15	0	0	2	2	3	2	0	7
132.0-132.9	0	16	8	0	4	2	4	5	2	0	0
133.0-133.9	0	44	5	0	4	4	11	3	0	4	0
134.0-134.9	0	8	0	0	4	4	9	1	0	13	0
135.0-135.9	0	8	0	0	0	0	4	1	0	0	0
136.0-136.9	0	23	0	0	0	0	5	0	2	0	0
137.0-137.9	0	15	1	0	0	0	5	0	2	0	0
138.0-138.9	0	15	1	0	0	0	5	0	0	9	0
139.0-139.9	0	0	2	0	0	0	9	0	2	4	0
140.0-140.9	1	29	1	0	0	0	5	0	0	4	7
141.0-141.9	1	15	0	0	0	0	4	0	0	4	7
142.0-142.9	1	44	0	0	0	0	5	0	0	0	0
143.0-143.9	1	29	4	0	0	0	2	0	0	4	0
144.0-144.9	1	54	4	0	0	0	0	0	0	0	0
145.0-145.9	0	37	5	0	0	0	0	0	0	9	0
146.0-146.9	0	15	4	0	0	0	0	0	1	4	7
147.0-147.9	0	29	9	0	0	0	2	0	1	4	0
148.0-148.9	0	23	4	0	0	0	4	0	0	4	0
149.0-149.9	0	15	6	0	0	0	2	0	0	4	7
150.0-150.9	10	23	7	0	0	0	0	0	0	0	7
151.0-151.9	10	0	5	0	0	0	2	0	0	3	7
152.0-152.9	10	0	20	0	0	0	4	0	0	0	0
153.0-153.9	10	0	15	0	0	4	2	0	0	0	0
154.0-154.9	10	0	14	0	0	4	0	0	0	0	0
155.0-155.9	13	0	12	0	0	0	0	0	0	0	0
156.0-156.9	13	0	14	0	0	0	0	2	0	0	7
157.0-157.9	13	0	12	0	0	0	0	2	0	0	7
158.0-158.9	13	0	10	0	0	0	0	2	0	3	0
159.0-159.9	13	0	8	0	0	0	4	2	0	3	0
160.0-160.9	1	0	5	0	0	0	9	2	0	3	0
161.0-161.9	1	0	2	0	0	0	9	0	0	4	0
162.0-162.9	1	0	1	0	0	0	4	0	0	3	0
163.0-163.9	1	0	2	0	0	0	0	0	0	0	0
164.0-164.9	1	0	2	0	0	0	0	2	0	3	13
165.0-165.9	7	2	1	0	0	0	0	2	2	3	4
166.0-166.9	7	2	1	0	0	0	0	0	0	3	0
167.0-167.9	7	2	1	0	0	0	0	0	0	7	0
168.0-168.9	7	2	1	0	0	0	0	0	0	3	0
169.0-169.9	7	2	1	0	0	0	0	0	0	3	0
170.0-170.9	6	0	1	0	0	4	0	0	0	13	0
171.0-171.9	6	0	1	0	0	5	0	0	0	7	0
172.0-172.9	6	0	1	0	0	1	0	2	0	0	0
173.0-173.9	6	0	1	0	0	1	0	2	0	3	0
174.0-174.9	6	0	1	0	0	1	0	0	0	10	0
175.0-175.9	7	0	1	0	0	1	0	0	0	23	0
176.0-176.9	7	0	0	0	0	0	0	0	0	7	0
177.0-177.9	7	0	0	0	0	0	0	0	0	23	4
178.0-178.9	7	15	0	0	0	0	0	0	0	13	0
179.0-179.9	7	0	0	0	0	0	0	0	0	10	0
180.0-180.9	9	4	0	0	0	4	0	0	0	13	0
181.0-181.9	9	12	1	0	0	4	0	0	0	13	4
182.0-182.9	9	12	1	0	0	0	0	0	0	13	0
183.0-183.9	9	4	1	0	0	0	0	0	0	7	0
184.0-184.9	9	4	1	0	0	0	0	0	0	3	0
185.0-185.9	7	7	3	0	0	0	0	0	0	7	0
186.0-186.9	7	7	3	0	0	0	0	0	0	3	0
187.0-187.9	7	7	3	0	0	0	0	0	0	0	0
188.0-188.9	7	7	3	0	0	0	2	0	0	4	0
189.0-189.9	7	7	3	0	0	0	5	0	0	0	0
190.0-190.9	1	2	3	0	0	0	2	0	0	4	0
191.0-191.9	1	2	4	0	0	1	0	0	0	0	0
192.0-192.9	1	2	4	0	0	1	0	0	1	0	4
193.0-193.9	1	2	4	0	0	1	0	0	0	3	0
194.0-194.9	1	2	4	0	0	1	0	2	0	0	6
195.0-195.9	1	4	5	0	0	1	0	0	1	0	19
196.0-196.9	1	4	5	0	0	11	0	2	0	3	4
197.0-197.9	1	4	5	0	0	11	0	2	0	3	15
198.0-198.9	1	4	5	0	0	2	0	2	0	3	8
199.0-199.9	1	4	5	0	0	6	0	0	0	4	10
200.0-200.9	4	2	5	0	0	6	0	0	0	4	1
201.0-201.9	4	2	3	0	0	1	0	2	0	3	8
202.0-202.9	4	2	3	0	0	1	0	5	0	2	8
203.0-203.9	4	2	3	0	0	1	0	5	0	3	9
204.0-204.9	4	2	3	0	1	1	0	2	0	4	3
205.0-205.9	6	0	2	0	1	1	0	0	0	3	1
206.0-206.9	6	0	2	0	1	2	0	0	0	1	4
207.0-207.9	6	0	2	0	196	2	0	5	0	1	4
208.0-208.9	6	0	2	0	196	2	0	7	0	1	4
209.0-209.9	6	0	2	0	0	2	0	2	0	1	1
210.0-210.9	12	7	2	0	0	2	0	0	0	1	3
211.0-211.9	12	7	3	0	0	3	0	2	1	0	7
212.0-212.9	12	7	3	0	0	3	0	7	0	1	3
213.0-213.9	12	7	3	0	1	3	0	7	0	1	5
214.0-214.9	12	7	3	0	3	3	0	2	0	1	4
215.0-215.9	18	18	3	1	3	3	0	2	0	0	0
216.0-216.9	18	18	3	0	2	4	0	5	0	0	3
217.0-217.9	18	18	3	0	0	4	0	2	0	0	1
218.0-218.9	18	18	3	0	0	8	0	2	0	0	3
219.0-219.9	18	18	3	0	1	8	0	5	1	0	0
220.0-220.9	22	22	3	0	3	4	0	7	1	0	3
221.0-221.9	22	22	5	0	0	7	0	7	1	0	0
222.0-222.9	22	22	5	0	1	7	0	7	0	0	3
223.0-223.9	22	22	5	0	2	7	0	5	1	1	4
224.0-224.9	22	22	5	0	1	7	0	5	1	1	2
225.0-225.9	54	49	5	0	0	7	0	9	1	0	3
226.0-226.9	54	49	10	0	2	11	0	5	0	1	0
227.0-227.9	54	49	10	0	2	11	0	9	0	2	0
228.0-228.9	54	49	10	0	1	11	0	14	1	1	9
229.0-229.9	54	49	10	0	0	11	0	14	1	1	0
230.0-230.9	80	66	10	0	2	11	0	14	1	1	0
231.0-231.9	80	66	15	0	6	20	0	7	1	2	1
232.0-232.9	80	66	15	0	5	20	0	12	4	0	1
233.0-233.9	80	66	15	0	2	20	0	18	3	1	0
234.0-234.9	80	66	15	0	1	20	0	12	3	0	3

235.0-235.9	79	82	15	197	20	7	3	0	1	0	1
236.0-236.9	79	82	18	597	41	5	4	0	3	4	12
237.0-237.9	79	82	18	396	41	7	2	2	0	1	2
238.0-238.9	79	82	18	200	41	14	4	6	4	1	3
239.0-239.9	79	82	18	206	41	12	4	6	4	4	3
240.0-240.9	70	84	18	202	41	18	1	3	1	7	3
241.0-241.9	70	84	22	208	46	18	7	12	5	10	4
242.0-242.9	70	84	22	12	46	21	6	5	1	4	14
243.0-243.9	70	84	22	8	46	18	8	5	3	1	14
244.0-244.9	70	84	22	8	50	7	8	11	1	3	4
245.0-245.9	86	69	22	6	50	12	2	11	6	0	9
246.0-246.9	86	69	24	203	85	16	14	7	6	0	2
247.0-247.9	86	69	24	206	85	12	14	5	11	5	2
248.0-248.9	86	69	24	8	85	12	14	10	0	6	3
249.0-249.9	86	69	24	208	85	14	16	10	5	1	1
250.0-250.9	59	55	24	208	85	30	5	12	6	4	3
251.0-251.9	59	55	23	208	78	37	20	14	5	1	9
252.0-252.9	59	55	23	209	78	16	19	9	7	6	7
253.0-253.9	59	55	23	202	78	9	1	14	10	2	4
254.0-254.9	59	55	23	218	78	14	22	32	13	8	10
255.0-255.9	43	53	23	8	78	14	23	9	6	1	11
256.0-256.9	43	53	18	408	61	5	24	13	5	7	4
257.0-257.9	43	53	18	416	61	7	24	17	11	4	16
258.0-258.9	43	53	18	593	61	18	4	15	14	4	4
259.0-259.9	43	53	18	598	61	14	31	22	14	9	10
260.0-260.9	34	38	18	12	61	7	30	21	14	2	2
261.0-261.9	34	38	12	215	48	12	31	32	11	7	7
262.0-262.9	34	38	12	211	48	14	31	20	11	9	4
263.0-263.9	34	38	12	14	48	12	1	11	13	9	5
264.0-264.9	34	38	12	10	48	7	28	25	8	8	5
265.0-265.9	10	15	12	10	48	5	30	17	15	8	6
266.0-266.9	10	15	7	12	35	7	26	24	18	13	10
267.0-267.9	10	15	7	8	35	7	22	19	15	11	4
268.0-268.9	10	15	7	203	35	2	3	23	23	10	10
269.0-269.9	10	15	7	401	35	2	23	15	11	13	8
270.0-270.9	4	18	7	199	35	9	21	16	3	11	4
271.0-271.9	4	18	4	3	11	7	21	13	10	8	11
272.0-272.9	4	18	4	10	11	0	20	18	13	13	6
273.0-273.9	4	18	4	199	11	5	3	9	16	9	7
274.0-274.9	4	18	4	202	11	5	14	16	10	9	4
275.0-275.9	15	2	4	1	11	0	14	10	11	9	6
276.0-276.9	0	2	2	4	5	0	12	8	9	11	11
277.0-277.9	0	2	2	4	5	0	11	11	16	10	6
278.0-278.9	0	2	2	3	5	0	3	6	11	3	3
279.0-279.9	0	2	2	3	5	0	12	14	4	13	4
280.0-280.9	1	2	2	3	5	0	12	10	6	11	10
281.0-281.9	1	2	1	1	4	0	4	5	11	9	6
282.0-282.9	1	2	1	1	4	2	4	6	9	6	1
283.0-283.9	1	2	1	0	4	2	3	2	0	7	0
284.0-284.9	1	2	1	1	4	0	7	5	4	7	4
285.0-285.9	0	0	1	0	4	0	4	3	5	0	2
286.0-286.9	0	0	0	0	3	0	0	0	1	3	2
287.0-287.9	0	0	0	0	3	0	4	3	3	4	6
288.0-288.9	0	0	0	0	3	0	4	0	0	4	3
289.0-289.9	0	0	0	0	3	0	1	1	5	2	4
290.0-290.9	1	0	0	0	3	0	1	0	1	2	1
291.0-291.9	1	0	0	0	1	0	0	0	3	2	2
292.0-292.9	1	0	0	0	1	0	0	0	0	2	1
293.0-293.9	1	0	0	0	1	0	0	0	0	0	1
294.0-294.9	1	0	0	0	1	0	0	0	0	1	1
295.0-295.9	0	0	0	0	1	0	0	0	0	0	0
296.0-296.9	0	0	0	0	0	0	0	0	1	0	0
297.0-297.9	0	0	0	0	0	0	0	1	0	2	0
300.0-300.9	1	0	0	0	0	0	0	0	0	0	0
301.0-301.9	1	0	0	0	0	0	0	0	1	0	0
302.0-302.9	1	0	0	0	0	0	0	0	0	0	1
303.0-303.9	1	0	0	0	0	0	0	0	0	0	1
304.0-304.9	1	0	0	0	0	0	0	0	0	0	0
305.0-305.9	0	0	0	0	0	0	0	0	0	1	0
313.0-313.9	0	0	0	0	4	0	0	0	0	0	0
314.0-314.9	0	0	0	0	4	0	0	0	0	0	1
TOTAL # FISH	21289	19286	5498	45463	19205	3663	5686	5988	8009	7429	5993

TOTAL CATCH(MT)	912	995	315	816	800	223	247	261	253	238	229
TASK1 MT OR # FISH	21320	19288	5488	143	19201	3651	5669	5984	8021	147	5974
# FISH(ORIG.REC)	.2129E+05	.1929E+05	5498.	.4546E+05	.1921E+05	3663.	5686.	5988.	8009.	7429.	5993.
MT(ORIGINAL REC)	912.2	994.6	315.4	815.6	800.3	223.4	247.2	261.5	253.5	237.5	229.0
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	90.47	105.6	114.0	91.75	85.96	107.8	101.6	95.81	91.21	96.74	100.4
MEAN WEIGHT (KG)	42.85	51.57	57.37	17.94	41.67	60.98	43.48	43.67	31.65	31.97	38.21

AREA WEST
COUNTRY OTHERS
GEAR LL

YEAR	62	62	62	62	63	63	63	63	64	64	64
QUARTER	1	2	3	4	1	2	3	4	1	2	3
130.0-131.9	0	1	0	1	1	4	0	1	0	0	0
132.0-133.9	1	1	1	4	2	12	0	1	0	0	0
134.0-135.9	1	2	1	5	3	17	0	2	0	0	0
140.0-141.9	1	2	1	5	3	17	0	2	0	0	0
146.0-147.9	2	3	1	8	5	28	1	3	0	0	0
148.0-149.9	0	1	0	2	1	6	0	1	0	0	0
150.0-151.9	0	0	0	1	1	3	0	0	1	2	0
152.0-153.9	1	1	0	3	2	10	0	1	4	7	0
154.0-155.9	1	1	0	3	2	10	0	1	4	8	0
156.0-157.9	2	3	1	8	5	27	1	3	4	8	0
158.0-159.9	1	1	1	3	2	11	0	1	4	8	0
160.0-161.9	0	1	0	2	1	6	0	1	2	5	0
164.0-165.9	1	1	1	3	2	10	0	1	4	8	0
166.0-167.9	0	1	0	2	1	6	0	1	2	5	0
168.0-169.9	0	0	0	0	0	1	0	0	0	0	0
170.0-171.9	1	1	1	4	2	12	0	1	5	9	0
172.0-173.9	0	0	0	1	1	4	0	0	1	3	0
174.0-175.9	0	1	0	2	1	5	0	1	2	4	0
176.0-177.9	1	1	1	3	2	11	0	1	4	9	0
180.0-181.9	1	3	1	7	4	23	1	3	9	17	0
182.0-183.9	2	4	2	11	7	38	1	4	14	28	0
184.0-185.9	3	6	3	16	10	54	1	6	21	41	0
186.0-187.9	5	11	5	28	18	95	2	11	36	72	0
188.0-189.9	5	10	4	25	16	83	2	9	32	62	0
190.0-191.9	4	7	3	19	12	63	2	7	24	47	0
192.0-193.9	6	13	5	31	21	106	3	12	40	80	0
194.0-195.9	5	11	5	28	19	96	2	11	37	72	0
196.0-197.9	4	8	3	20	13	66	2	8	25	50	0
198.0-199.9	7	15	6	37	24	123	3	14	47	93	1
200.0-201.9	5	11	5	27	18	92	2	11	29	57	0
202.0-203.9	2	5	2	11	7	38	1	4	15	29	0
204.0-205.9	2	4	2	10	7	35	1	4	13	26	0
206.0-207.9	3	6	3	15	10	51	1	6	19	38	0
208.0-209.9	2	4	2	11	7	37	1	4	14	28	0
210.0-211.9	1	2	1	5	4	18	0	2	7	14	0
212.0-213.9	2	4	2	9	6	30	1	3	5	10	0
216.0-217.9	1	2	1	5	3	17	0	2	0	0	0
220.0-221.9	1	2	1	5	3	16	0	2	6	12	0
222.0-223.9	2	4	2	10	7	34	1	4	7	13	0
226.0-227.9	1	2	1	5	3	17	0	2	0	0	0
228.0-229.9	4	8	3	19	13	64	2	7	12	24	0
230.0-231.9	0	0	0	1	0	2	0	0	1	1	0
TOTAL # FISH	79	164	69	413	271	1393	33	159	451	890	5
TOTAL CATCH(MT)	11	23	10	60	39	202	4	23	66	130	0
TASK I MT OR # FISH	11	23	10	60	39	202	4	23	66	130	0
# FISH(ORIG.REC)	1951.	4030.	1693.	.1010E+05	7769.	.3983E+05	957.0	4564.	.1963E+05	.3873E+05	239.0
MT(ORIGINAL REC)	284.1	586.8	246.5	1470.	1131.	5800.	139.3	664.5	2879.	5681.	35.06
RAISING FACTOR	.4000E-01	.4000E-01	.4000E-01	.4000E-01	.4000E-01	.4000E-01	.4000E-01	.4000E-01	.2000E-01	.2000E-01	.2000E-01
MEAN LENGTH (CM)	192.9	192.9	192.9	192.9	192.9	192.9	192.9	192.9	194.4	194.4	194.4
MEAN WEIGHT (KG)	145.6	145.6	145.6	145.6	145.6	145.6	145.6	145.6	146.7	146.7	146.7

AREA WEST
COUNTRY OTHERS
GEAR LL

YEAR	64	65	65	65	65	66	66	66	66	67	67
QUARTER	4	1	2	3	4	1	2	3	4	1	2
126.0-127.9	0	0	0	0	0	0	0	0	0	0	1
128.0-129.9	0	0	0	0	0	0	0	0	0	0	2
130.0-131.9	0	0	2	0	0	0	0	0	0	0	2
132.0-133.9	0	1	5	0	0	0	0	0	0	0	2
134.0-135.9	0	1	7	0	0	0	0	0	0	0	2
136.0-137.9	0	0	0	0	0	0	0	0	0	0	0
140.0-141.9	0	1	7	0	0	0	0	0	0	0	0
146.0-147.9	0	2	11	0	0	0	0	0	0	0	0
148.0-149.9	0	0	2	0	0	0	0	0	0	0	3
150.0-151.9	0	0	1	0	0	0	0	0	0	0	2
152.0-153.9	0	1	4	0	0	0	0	0	0	0	0
154.0-155.9	0	1	4	0	0	0	0	0	0	0	6
156.0-157.9	0	2	11	0	0	0	0	0	0	0	10
158.0-159.9	0	1	4	0	0	0	0	0	0	0	0
160.0-161.9	0	0	3	0	0	0	0	0	0	0	0
164.0-165.9	0	1	4	0	0	0	0	0	0	0	0
166.0-167.9	0	0	3	0	0	0	0	0	0	0	2
168.0-169.9	0	0	0	0	0	0	0	0	0	0	4
170.0-171.9	0	1	5	0	0	0	0	0	0	0	0
172.0-173.9	0	0	2	0	0	0	0	0	0	0	0
174.0-175.9	0	0	2	0	0	0	0	0	0	0	0
176.0-177.9	0	1	5	0	0	0	0	0	0	0	0
178.0-179.9	0	0	0	0	0	0	12	0	0	0	5
180.0-181.9	1	2	9	0	0	0	0	0	0	0	0
182.0-183.9	1	3	15	0	0	0	12	0	0	0	5
184.0-185.9	2	4	22	0	0	0	0	0	0	0	0
186.0-187.9	3	7	39	0	0	0	0	0	0	0	0
188.0-189.9	2	6	34	0	0	0	12	0	0	0	5
190.0-191.9	2	4	26	0	0	1	25	0	0	0	11
192.0-193.9	3	7	43	0	0	0	0	0	0	0	2
194.0-195.9	3	7	39	0	0	1	37	1	0	0	19
196.0-197.9	2	5	27	0	0	1	25	0	0	0	15
198.0-199.9	4	9	51	1	1	0	0	0	0	0	11
200.0-201.9	2	6	38	0	0	1	25	0	0	0	17
202.0-203.9	1	3	16	0	0	2	86	1	0	0	46
204.0-205.9	1	2	14	0	0	1	25	0	0	0	17
206.0-207.9	1	4	21	0	0	0	12	0	0	0	8
208.0-209.9	1	3	15	0	0	0	12	0	0	0	14
210.0-211.9	1	1	8	0	0	0	12	0	0	0	10
212.0-213.9	0	2	12	0	0	1	25	0	0	0	19
214.0-215.9	0	0	0	0	0	0	12	0	0	0	13
216.0-217.9	0	1	7	0	0	1	25	0	0	0	11
218.0-219.9	0	0	0	0	0	1	25	0	0	0	11
220.0-221.9	0	1	6	0	0	0	12	0	0	0	5
222.0-223.9	1	2	14	0	0	1	25	0	0	0	11
224.0-225.9	0	0	0	0	0	1	25	0	0	0	11
226.0-227.9	0	1	7	0	0	0	0	0	0	0	0
228.0-229.9	1	5	26	0	0	0	0	0	0	0	0
230.0-231.9	0	0	1	0	0	1	25	0	0	0	11
232.0-233.9	0	0	0	0	0	1	25	0	0	0	11
234.0-235.9	0	0	0	0	0	0	12	0	0	0	5
256.0-257.9	0	0	0	0	0	0	12	0	0	0	5
TOTAL # FISH	33	97	571	6	5	13	516	7	1	2	334
TOTAL CATCH(MT)	4	14	83	0	0	2	95	1	0	0	56
TASK I MT OR # FISH	4	14	83	0	0	2	95	1	0	0	56
# FISH(ORIG.REC)	1466.	8161.	.4767E+05	544.0	498.0	562.0	.2066E+05	303.0	77.00	28.00	3214.
MT(ORIGINAL REC)	215.1	1188.	6940.	79.21	72.51	103.6	3808.	55.84	14.19	4.712	540.9
RAISING FACTOR	.2000E-01	.1000E-01	.1000E-01	.1000E-01	.1000E-01	.2000E-01	.2000E-01	.2000E-01	.2000E-01	.1000	.1000
MEAN LENGTH (CM)	194.4	192.9	192.9	192.9	192.9	210.0	210.0	210.0	210.0	202.3	202.3
MEAN WEIGHT (KG)	146.7	145.6	145.6	145.6	145.6	184.3	184.3	184.3	184.3	168.3	168.3

AREA WEST
COUNTRY OTHERS
GEAR LL

YEAR	67	67	68	68	68	68	69	69	69	69	70
QUARTER	3	4	1	2	3	4	1	2	3	4	1
126.0-127.9	0	0	0	2	0	0	0	0	0	0	0
128.0-129.9	0	0	0	4	1	0	0	0	0	0	0
130.0-131.9	0	0	0	4	1	0	0	0	0	0	0
132.0-133.9	0	0	0	4	1	0	0	0	0	0	0
134.0-135.9	0	0	0	4	1	0	0	0	0	0	0
136.0-137.9	0	0	0	0	0	0	0	0	0	0	0
146.0-147.9	0	0	0	0	0	0	0	0	0	0	0
148.0-149.9	0	0	0	5	1	0	0	1	0	0	0
150.0-151.9	0	0	0	4	1	0	0	0	0	0	0
154.0-155.9	0	0	0	10	2	0	0	1	0	0	0
156.0-157.9	0	0	0	17	4	0	0	2	0	0	0
158.0-159.9	0	0	0	1	0	0	0	0	0	0	0
166.0-167.9	0	0	0	3	1	0	0	1	0	0	0
168.0-169.9	0	0	0	6	1	0	0	1	0	0	0
170.0-171.9	0	0	0	0	0	0	0	0	0	0	0
178.0-179.9	0	0	0	0	0	0	0	0	0	0	0
182.0-183.9	0	0	0	0	0	0	0	0	0	0	0
188.0-189.9	0	0	0	0	0	0	0	0	0	0	0
190.0-191.9	0	0	0	0	0	0	0	0	0	0	0
192.0-193.9	0	0	0	4	1	0	0	0	0	0	0
194.0-195.9	1	1	0	5	1	0	0	1	0	0	0
196.0-197.9	0	0	0	7	2	0	0	1	0	0	0
198.0-199.9	0	0	0	18	4	1	0	4	0	0	0
200.0-201.9	1	0	0	11	3	0	0	1	0	0	0
202.0-203.9	1	1	0	16	4	0	0	2	0	0	0
204.0-205.9	1	0	0	11	2	0	0	1	0	0	0
206.0-207.9	0	0	0	5	1	0	0	2	0	0	0
208.0-209.9	0	0	0	14	3	0	0	1	0	0	0
210.0-211.9	0	0	0	9	2	0	0	1	0	0	0
212.0-213.9	1	1	0	14	3	0	0	2	0	0	0
214.0-215.9	0	0	0	13	3	0	0	3	0	0	0
216.0-217.9	0	0	0	0	0	0	0	3	0	0	0
218.0-219.9	0	0	0	0	0	0	0	1	0	0	0
220.0-221.9	0	0	0	0	0	0	0	0	0	0	0
222.0-223.9	0	0	0	0	0	0	0	0	0	0	0
224.0-225.9	0	0	0	0	0	0	0	3	0	0	0
226.0-227.9	0	0	0	0	0	0	0	1	0	0	0
228.0-229.9	0	0	0	0	0	0	0	1	0	0	0
230.0-231.9	0	0	0	0	0	0	0	0	0	0	0
232.0-233.9	0	0	0	0	0	0	0	0	0	0	0
234.0-235.9	0	0	0	0	0	0	0	2	0	0	0
238.0-239.9	0	0	0	0	0	0	0	2	0	0	0
244.0-245.9	0	0	0	0	0	0	0	0	0	0	0
246.0-247.9	0	0	0	0	0	0	0	1	0	0	0
256.0-257.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	9	8	2	191	43	5	0	38	0	0	1
TOTAL CATCH(MT)	1	1	0	26	5	0	0	6	0	0	0
TASK I MT OR # FISH	1	1	0	26	5	0	0	6	0	0	0
# FISH(ORIG.REC)	96.00	87.00	14.00	1121.	253.0	30.00	13.00	685.0	5.000	3.000	71.00
MT(ORIGINAL REC)	16.16	14.64	1.908	152.8	34.48	4.089	2.241	118.1	.8620	.5172	15.36
RAISING FACTOR	.1000	.1000	.1700	.1700	.1700	.1700	.6000E-01	.6000E-01	.6000E-01	.6000E-01	.2000E-01
MEAN LENGTH (CM)	202.3	202.3	186.8	186.8	186.8	186.8	203.0	203.0	203.0	203.0	222.2
MEAN WEIGHT (KG)	168.3	168.3	136.3	136.3	136.3	136.3	172.4	172.4	172.4	172.4	216.4

AREA WEST
COUNTRY OTHERS
GEAR LL

YEAR	70	70	70	71	71	71	71	72	72	72	72
QUARTER	2	3	4	1	2	3	4	1	2	3	4
52.0- 53.9	0	0	0	0	0	0	0	0	0	0	0
60.0- 61.9	0	0	0	0	0	0	0	0	0	0	0
62.0- 63.9	0	0	0	0	0	2	0	0	0	0	0
64.0- 65.9	0	0	0	0	0	2	0	0	0	0	1
66.0- 67.9	0	0	0	0	0	2	0	0	0	0	0
68.0- 69.9	0	0	0	0	0	2	0	0	0	0	0
70.0- 71.9	0	0	0	0	0	1	0	0	0	0	0
76.0- 79.9	0	0	0	0	0	0	0	0	0	0	0
80.0- 81.9	0	0	0	0	0	1	0	0	0	0	0
82.0- 83.9	0	0	0	0	0	1	7	0	0	0	0
84.0- 85.9	0	0	0	0	0	1	2	0	1	0	0
86.0- 87.9	0	0	0	0	0	1	3	0	1	0	0
88.0- 89.9	0	0	0	0	0	1	2	0	1	0	0
90.0- 91.9	0	0	0	0	0	1	2	0	1	0	0
92.0- 93.9	0	0	0	0	0	1	2	0	1	0	0
94.0- 95.9	0	0	0	0	0	0	0	0	0	0	0
98.0- 99.9	0	0	0	0	0	0	0	0	0	0	0
112.0-113.9	0	0	0	0	0	3	0	0	0	0	0
114.0-115.9	0	0	0	0	0	6	0	0	0	0	0
116.0-117.9	0	0	0	0	0	2	0	0	0	0	0
118.0-119.9	0	0	0	0	0	2	0	0	0	0	0
120.0-121.9	0	0	0	0	0	1	0	0	0	0	0
122.0-123.9	0	0	0	0	0	0	0	0	0	0	0
124.0-125.9	0	0	0	0	0	0	0	0	0	0	0
126.0-127.9	0	0	0	0	0	2	0	0	0	0	0
128.0-129.9	0	0	0	0	0	2	0	0	0	0	0
130.0-131.9	0	0	0	0	0	0	0	0	0	0	0
132.0-133.9	0	0	0	0	0	0	0	0	0	0	0
134.0-135.9	0	0	0	0	0	0	0	0	0	0	0
136.0-137.9	0	0	0	0	0	0	0	0	0	1	0
138.0-139.9	0	0	0	0	0	0	0	0	0	1	0
140.0-141.9	0	0	0	0	0	0	0	1	3	4	0
142.0-143.9	0	0	0	0	0	0	0	0	0	1	0
144.0-145.9	0	0	0	0	0	3	0	0	0	1	0
146.0-147.9	0	0	0	0	3	1	7	0	0	0	0
148.0-149.9	0	0	0	1	8	0	0	0	0	1	0
150.0-151.9	0	0	0	0	0	2	0	0	0	0	1
152.0-153.9	0	0	0	0	0	4	0	0	0	0	0
154.0-155.9	0	0	0	0	1	3	0	0	0	0	0
156.0-157.9	0	0	0	0	1	4	0	0	0	0	0
158.0-159.9	0	0	0	1	2	6	0	0	0	0	0
160.0-161.9	0	0	0	0	1	9	0	0	0	0	0
162.0-163.9	0	0	0	0	0	10	0	0	0	0	0
164.0-165.9	0	0	0	0	1	8	0	0	0	0	0
166.0-167.9	0	0	0	1	2	16	0	0	0	0	0
168.0-169.9	0	0	0	2	3	19	0	0	0	1	0
170.0-171.9	0	0	0	2	4	25	0	0	0	0	0
172.0-173.9	0	0	0	2	3	15	0	0	0	1	1
174.0-175.9	0	0	0	1	2	19	0	0	0	2	0
176.0-177.9	0	0	0	2	6	33	0	0	0	1	0
178.0-179.9	0	0	0	1	2	23	0	0	0	0	0
180.0-181.9	0	0	0	2	4	30	0	0	0	1	0
182.0-183.9	0	0	0	2	4	31	1	0	0	2	0
184.0-185.9	0	0	0	2	14	23	0	0	0	2	1
186.0-187.9	0	0	0	0	1	21	0	1	3	7	0
188.0-189.9	0	0	0	1	3	19	0	1	3	5	0
190.0-191.9	0	0	0	3	6	15	0	0	0	3	0
192.0-193.9	0	0	0	2	8	19	0	0	0	1	0
194.0-195.9	0	0	0	2	9	15	0	0	0	4	0
196.0-197.9	0	0	0	2	4	16	0	1	3	7	0
198.0-199.9	0	0	0	1	2	11	1	0	0	2	0
200.0-201.9	0	0	0	1	1	11	0	0	0	1	0
202.0-203.9	0	0	0	1	2	14	0	0	0	3	0
204.0-205.9	0	0	0	0	1	14	0	0	0	1	1
206.0-207.9	0	0	0	1	2	13	1	0	0	0	0
208.0-209.9	0	0	0	2	23	11	1	0	0	2	0
210.0-211.9	0	0	0	1	12	9	1	0	0	0	0
212.0-213.9	0	0	0	0	1	6	1	0	0	0	0
214.0-215.9	0	0	0	1	2	7	1	0	0	0	0
216.0-217.9	0	0	0	0	1	17	0	0	0	1	0
218.0-219.9	0	0	0	1	1	10	1	0	0	1	0
220.0-221.9	0	0	0	0	1	10	1	0	1	1	0
222.0-223.9	0	0	0	1	12	12	1	0	0	1	0
224.0-225.9	0	0	0	1	2	12	1	0	0	2	0
226.0-227.9	0	0	0	1	2	10	1	0	0	0	0
228.0-229.9	0	0	0	1	2	9	0	0	0	1	0
230.0-231.9	0	0	0	0	1	6	0	0	0	1	0
232.0-233.9	0	0	0	0	1	6	0	0	0	2	1
234.0-235.9	0	0	0	0	1	8	0	0	0	1	0
236.0-237.9	0	0	0	0	0	6	1	0	1	1	0
238.0-239.9	0	0	0	0	0	3	0	0	0	1	0
240.0-241.9	0	0	0	0	0	1	0	0	0	0	0
242.0-243.9	0	0	0	0	0	2	0	0	0	0	0
244.0-245.9	0	0	0	1	14	3	0	0	0	1	0
246.0-247.9	0	0	0	1	8	3	0	0	0	0	0
248.0-249.9	0	0	0	0	1	3	0	1	3	3	0
250.0-251.9	0	0	0	0	0	2	0	0	0	1	0
252.0-253.9	0	0	0	0	0	1	0	0	0	0	0
254.0-255.9	0	0	0	0	0	0	1	0	0	0	0
256.0-257.9	0	0	0	0	0	0	0	0	0	1	0
258.0-259.9	0	0	0	0	0	0	1	0	0	0	0
260.0-261.9	0	0	0	0	0	0	1	0	0	0	0
262.0-263.9	0	0	0	0	0	0	0	0	0	0	0
264.0-265.9	0	0	0	0	0	0	1	0	0	0	0
TOTAL # FISH	1	3	2	44	184	640	41	6	26	81	9

TOTAL CATCH(MT)	0	0	0	6	30	90	3	0	3	12	1
TASK I MT OR # FISH	0	0	0	6	30	90	3	0	3	12	1
# FISH(ORIG.REC)	56.00	151.0	115.0	348.0	1443.	5006.	327.0	66.00	290.0	876.0	101.0
MT(ORIGINAL REC)	12.12	32.68	24.89	52.58	236.5	710.1	27.13	8.938	37.38	135.0	11.63
RAISING FACTOR	.2000E-01	.2000E-01	.2000E-01	.1300	.1300	.1300	.1300	.9000E-01	.9000E-01	.9000E-01	.9000E-01
MEAN LENGTH (CM)	222.2	222.2	222.2	194.5	198.8	188.6	140.6	177.4	171.9	192.6	162.7
MEAN WEIGHT (KG)	216.4	216.4	216.4	151.1	163.9	141.8	82.96	135.4	128.9	154.1	115.2

AREA WEST
COUNTRY OTHERS
GEAR LL

YEAR	73	73	73	73	74	74	74	74	75	75
QUARTER	1	2	3	4	1	2	3	4	1	2
46.0- 47.9	0	0	0	0	0	0	0	0	0	0
48.0- 49.9	0	0	0	0	0	0	0	0	0	0
50.0- 51.9	0	0	0	0	1	0	0	0	0	0
52.0- 53.9	0	0	0	0	1	0	0	0	0	0
54.0- 55.9	0	0	0	0	1	0	0	0	0	0
56.0- 57.9	0	1	0	0	1	0	0	0	0	0
58.0- 59.9	0	0	0	0	1	0	0	0	0	0
60.0- 61.9	0	0	0	0	1	0	0	0	0	0
62.0- 63.9	0	0	0	0	1	0	0	0	0	0
64.0- 65.9	0	0	0	0	1	0	0	0	0	0
66.0- 67.9	0	0	0	0	1	0	0	0	0	0
68.0- 69.9	0	0	0	0	1	0	0	0	0	0
70.0- 71.9	0	0	0	0	1	0	0	0	0	0
72.0- 73.9	0	0	0	0	1	0	0	0	0	0
74.0- 75.9	0	0	0	0	1	0	0	0	0	0
76.0- 77.9	0	0	0	0	1	0	0	0	0	0
78.0- 79.9	0	0	0	0	1	0	0	0	0	0
80.0- 81.9	0	0	0	0	1	0	0	0	0	0
82.0- 83.9	0	0	0	0	1	0	0	0	0	0
84.0- 85.9	0	0	0	0	1	0	0	0	0	0
86.0- 87.9	0	0	0	0	1	0	0	0	0	0
88.0- 89.9	0	0	0	0	1	0	0	0	0	0
90.0- 91.9	0	0	0	0	1	0	0	0	0	0
92.0- 93.9	0	0	0	0	1	0	0	0	0	0
94.0- 95.9	0	0	0	0	1	0	0	0	0	0
96.0- 97.9	0	0	0	0	1	0	0	0	0	0
98.0- 99.9	0	0	0	0	1	0	0	0	0	0
100.0-101.9	0	0	0	0	1	0	0	0	0	0
102.0-103.9	0	0	0	0	1	0	0	0	0	0
104.0-105.9	0	0	0	0	1	0	0	0	0	0
106.0-107.9	0	0	0	0	1	0	0	0	0	0
108.0-109.9	0	0	0	0	1	0	0	0	0	0
110.0-111.9	0	0	0	0	1	0	0	0	0	0
112.0-113.9	0	0	0	0	1	0	0	0	0	0
114.0-115.9	0	0	0	0	1	0	0	0	0	0
116.0-117.9	0	0	0	0	1	0	0	0	0	0
118.0-119.9	0	0	0	0	1	0	0	0	0	0
120.0-121.9	0	0	0	0	1	0	0	0	0	0
122.0-123.9	0	0	0	0	1	0	0	0	0	0
124.0-125.9	0	0	0	0	1	0	0	0	0	0
126.0-127.9	0	0	0	0	1	0	0	0	0	0
128.0-129.9	0	0	0	0	1	0	0	0	0	0
130.0-131.9	0	0	0	0	1	0	0	0	0	0
132.0-133.9	0	0	0	0	1	0	0	0	0	0
134.0-135.9	0	0	0	0	1	0	0	0	0	0
136.0-137.9	0	0	0	0	1	0	0	0	0	0
138.0-139.9	0	0	0	0	1	0	0	0	0	0
140.0-141.9	0	0	0	0	1	0	0	0	0	0
142.0-143.9	0	0	0	0	1	0	0	0	0	0
144.0-145.9	0	0	0	0	1	0	0	0	0	0
146.0-147.9	0	0	0	0	1	0	0	0	0	0
148.0-149.9	0	0	0	0	1	0	0	0	0	0
150.0-151.9	0	0	0	0	1	0	0	0	0	0
152.0-153.9	0	0	0	0	1	0	0	0	0	0
154.0-155.9	0	0	0	0	1	0	0	0	0	0
156.0-157.9	0	0	0	0	1	0	0	0	0	0
158.0-159.9	0	0	0	0	1	0	0	0	0	0
160.0-161.9	0	0	0	0	1	0	0	0	0	0
162.0-163.9	0	0	0	0	1	0	0	0	0	0
164.0-165.9	0	0	0	0	1	0	0	0	0	0
166.0-167.9	0	0	0	0	1	0	0	0	0	0
168.0-169.9	0	0	0	0	1	0	0	0	0	0
170.0-171.9	0	0	0	0	1	0	0	0	0	0
172.0-173.9	0	0	0	0	1	0	0	0	0	0
174.0-175.9	0	0	0	0	1	0	0	0	0	0
176.0-177.9	0	0	0	0	1	0	0	0	0	0
178.0-179.9	0	0	0	0	1	0	0	0	0	0
180.0-181.9	0	0	0	0	1	0	0	0	0	0
182.0-183.9	0	0	0	0	1	0	0	0	0	0
184.0-185.9	0	0	0	0	1	0	0	0	0	0
186.0-187.9	0	0	0	0	1	0	0	0	0	0
188.0-189.9	0	0	0	0	1	0	0	0	0	0
190.0-191.9	0	0	0	0	1	0	0	0	0	0
192.0-193.9	0	0	0	0	1	0	0	0	0	0
194.0-195.9	0	0	0	0	1	0	0	0	0	0
196.0-197.9	0	0	0	0	1	0	0	0	0	0
198.0-199.9	0	0	0	0	1	0	0	0	0	0
200.0-201.9	0	0	0	0	1	0	0	0	0	0
202.0-203.9	0	0	0	0	1	0	0	0	0	0
204.0-205.9	0	0	0	0	1	0	0	0	0	0
206.0-207.9	0	0	0	0	1	0	0	0	0	0
208.0-209.9	0	0	0	0	1	0	0	0	0	0
210.0-211.9	0	0	0	0	1	0	0	0	0	0
212.0-213.9	0	0	0	0	1	0	0	0	0	0
214.0-215.9	0	0	0	0	1	0	0	0	0	0
216.0-217.9	0	0	0	0	1	0	0	0	0	0
218.0-219.9	0	0	0	0	1	0	0	0	0	0
220.0-221.9	0	0	0	0	1	0	0	0	0	0
222.0-223.9	0	0	0	0	1	0	0	0	0	0
224.0-225.9	0	0	0	0	1	0	0	0	0	0
226.0-227.9	0	0	0	0	1	0	0	0	0	0
228.0-229.9	0	0	0	0	1	0	0	0	0	0
230.0-231.9	0	0	0	0	1	0	0	0	0	0
232.0-233.9	0	0	0	0	1	0	0	0	0	0
234.0-235.9	0	0	0	0	1	0	0	0	0	0
236.0-237.9	0	0	0	0	1	0	0	0	0	0
238.0-239.9	0	0	0	0	1	0	0	0	0	0
240.0-241.9	0	0	0	0	1	0	0	0	0	0
242.0-243.9	0	0	0	0	1	0	0	0	0	0
244.0-245.9	0	0	0	0	1	0	0	0	0	0
246.0-247.9	0	0	0	0	1	0	0	0	0	0

248.0-249.9	0	0	1	0	0	2	0	0	0	1	0
250.0-251.9	0	0	1	1	0	1	0	0	0	0	0
252.0-253.9	0	0	0	0	0	0	0	0	0	0	0
254.0-255.9	0	0	1	0	0	2	0	0	0	1	0
256.0-257.9	0	0	1	1	0	1	0	0	0	0	0
258.0-259.9	0	0	0	0	0	2	0	0	0	1	0
260.0-261.9	0	0	1	1	0	0	0	0	0	0	0
262.0-263.9	0	0	0	0	0	0	0	0	0	0	0
264.0-265.9	0	0	0	0	0	1	0	0	0	0	0
266.0-267.9	0	0	0	0	0	0	0	0	0	0	0
268.0-269.9	0	0	0	0	0	1	0	0	0	0	0
270.0-271.9	0	0	0	0	0	0	0	0	0	0	0
272.0-273.9	0	0	0	0	0	0	0	0	0	0	0
274.0-275.9	0	0	0	0	0	0	0	0	0	0	0
276.0-277.9	0	0	0	0	0	0	0	0	0	0	0
278.0-279.9	0	0	0	0	0	0	0	0	0	0	0
280.0-287.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	0	22	96	118	314	105	70	29	1	33	0

TOTAL CATCH(MT)	0	2	15	11	6	20	10	2	0	7	0
TASK1 MT OR # FISH	0	2	15	11	6	20	10	2	0	7	0
# FISH(ORIG.REC)	3.000	611.0	2541.	3132.	7002.	2355.	1575.	655.0	269.0	6813.	150.0
MT(ORIGINAL REC)	.4762	62.19	399.1	305.4	142.8	456.3	227.3	55.10	46.76	1556.	33.64
RAISING FACTOR	.4000E-01	.4000E-01	.4000E-01	.4000E-01	.4000E-01	.4000E-01	.4000E-01	.4000E-01	0.	0.	0.
MEAN LENGTH (CM)	195.5	160.2	194.9	155.6	91.83	210.1	189.7	152.7	203.2	224.0	221.3
MEAN WEIGHT (KG)	158.8	101.8	157.1	97.51	20.40	193.8	144.3	84.12	173.8	228.4	224.3

AREA WEST
COUNTRY OTHERS
GEAR LL

YEAR	75	76	76	76	76	77	77	77	77	78	78
QUARTER	4	1	2	3	4	1	2	3	4	1	2
44.0- 45.9	0	0	0	0	0	0	0	0	0	0	0
46.0- 47.9	0	0	0	0	0	0	0	0	0	0	0
48.0- 49.9	0	0	0	0	0	0	0	0	0	0	0
50.0- 51.9	0	0	0	0	0	0	0	0	0	0	0
52.0- 53.9	0	0	0	0	0	0	0	0	0	0	0
54.0- 55.9	0	1	0	0	0	0	0	0	0	0	0
56.0- 57.9	0	0	0	0	0	0	1	0	0	0	0
58.0- 59.9	0	0	0	0	0	0	0	0	0	0	0
60.0- 61.9	0	0	0	0	0	0	0	0	0	0	0
62.0- 63.9	0	0	0	0	0	0	1	0	0	0	0
64.0- 65.9	0	0	0	0	0	0	0	0	0	0	0
66.0- 67.9	0	0	0	0	0	1	1	0	0	0	0
68.0- 69.9	0	2	0	0	0	1	1	0	0	0	0
70.0- 71.9	0	0	0	0	0	1	1	0	0	0	0
72.0- 73.9	0	2	0	0	0	2	2	0	0	0	0
74.0- 75.9	0	2	0	0	0	0	1	0	0	0	0
76.0- 77.9	0	0	0	0	0	1	1	0	0	1	0
78.0- 79.9	0	4	0	0	0	0	1	0	0	1	0
80.0- 81.9	0	2	0	0	0	1	1	0	0	1	0
82.0- 83.9	0	4	0	0	0	3	2	0	0	1	0
84.0- 85.9	0	8	0	0	0	0	1	0	0	2	0
86.0- 87.9	0	7	0	0	0	2	5	0	0	1	0
88.0- 89.9	0	9	0	0	0	4	7	0	0	1	0
90.0- 91.9	0	6	0	0	0	6	11	0	0	1	0
92.0- 93.9	0	11	0	0	0	7	20	0	0	2	0
94.0- 95.9	0	11	0	0	0	8	18	0	0	5	0
96.0- 97.9	0	28	0	0	0	10	16	0	0	7	0
98.0- 99.9	0	11	0	0	0	11	16	0	0	3	0
100.0-101.9	0	11	0	0	0	8	18	0	0	6	0
102.0-103.9	0	4	0	0	0	11	23	0	0	4	0
104.0-105.9	0	5	0	0	0	11	24	0	0	3	0
106.0-107.9	0	5	0	0	0	20	30	0	0	8	0
108.0-109.9	0	10	0	0	0	20	29	0	0	4	0
110.0-111.9	0	5	0	0	0	22	31	0	0	9	0
112.0-113.9	0	5	0	0	0	29	34	0	0	6	0
114.0-115.9	0	16	0	0	0	21	21	0	0	5	0
116.0-117.9	0	8	0	0	0	16	16	0	0	11	0
118.0-119.9	0	18	0	0	0	5	8	0	0	5	0
120.0-121.9	0	11	0	0	0	2	6	0	0	4	0
122.0-123.9	0	6	0	0	0	7	6	0	0	8	0
124.0-125.9	0	24	0	0	0	2	5	0	0	8	0
126.0-127.9	0	7	0	0	0	3	5	0	0	4	0
128.0-129.9	0	27	0	0	0	0	5	0	0	4	0
130.0-131.9	0	7	0	0	0	0	3	0	0	5	0
132.0-133.9	0	6	0	0	0	3	5	0	0	5	0
134.0-135.9	0	18	0	0	0	1	5	0	0	11	0
136.0-137.9	0	6	0	0	0	2	5	0	0	7	0
138.0-139.9	0	16	0	0	0	0	5	0	0	5	0
140.0-141.9	0	2	0	0	0	0	2	0	0	10	0
142.0-143.9	0	3	0	0	0	3	6	0	0	6	0
144.0-145.9	0	4	0	0	0	1	6	0	0	5	0
146.0-147.9	0	0	0	0	0	4	9	0	0	2	0
148.0-149.9	0	2	0	0	0	3	8	0	0	2	0
150.0-151.9	0	0	0	0	0	2	7	0	0	1	0
152.0-153.9	0	0	0	0	0	6	11	0	0	1	0
154.0-155.9	0	1	0	0	0	3	5	0	0	4	0
156.0-157.9	0	0	0	0	0	4	7	0	0	3	0
158.0-159.9	0	0	0	0	0	1	4	0	0	2	0
160.0-161.9	0	0	0	0	0	1	4	0	0	1	0
162.0-163.9	0	0	0	0	0	2	2	0	0	1	0
164.0-165.9	0	0	0	0	0	2	2	0	0	1	0
166.0-167.9	0	0	1	0	0	0	1	0	0	1	0
168.0-169.9	0	0	0	0	0	0	0	0	0	1	0
170.0-171.9	0	0	0	0	0	0	2	0	0	1	0
172.0-173.9	0	0	1	0	0	0	0	0	0	2	0
174.0-175.9	0	0	0	0	0	0	1	0	0	0	0
176.0-177.9	0	0	1	0	0	0	0	0	0	0	0
178.0-179.9	0	0	0	0	0	0	1	0	0	0	0
180.0-181.9	0	0	0	0	0	0	0	0	0	0	0
182.0-183.9	0	0	1	0	0	0	1	0	0	0	0
184.0-185.9	0	0	0	0	0	0	0	0	0	0	0
186.0-187.9	0	0	2	0	0	1	0	0	0	1	0
188.0-189.9	0	0	1	0	0	1	0	0	0	0	0
190.0-191.9	0	0	1	0	0	2	0	0	0	0	0
192.0-193.9	0	0	1	0	0	4	1	0	0	0	0
194.0-195.9	0	0	1	0	0	13	0	1	0	0	0
196.0-197.9	0	0	1	0	0	3	1	0	0	0	0
198.0-199.9	0	0	1	0	0	9	0	0	0	1	0
200.0-201.9	0	0	2	0	0	8	0	0	0	0	0
202.0-203.9	0	0	1	0	0	2	0	0	0	0	0
204.0-205.9	0	1	3	0	0	0	0	0	0	0	0
206.0-207.9	0	0	2	0	0	1	0	0	1	1	0
208.0-209.9	0	2	3	0	0	0	0	0	0	0	0
210.0-211.9	0	0	4	0	0	0	0	0	1	1	0
212.0-213.9	0	0	4	0	0	0	0	0	1	1	0
214.0-215.9	0	0	7	0	0	0	0	0	3	0	0
216.0-217.9	0	0	10	0	0	0	1	0	1	1	0
218.0-219.9	0	4	3	0	0	0	0	0	1	1	0
220.0-221.9	0	0	9	0	0	0	0	0	2	0	0
222.0-223.9	0	1	10	0	0	0	0	0	2	0	0
224.0-225.9	0	4	12	0	0	0	0	0	4	0	0
226.0-227.9	0	0	28	0	0	0	1	0	2	0	0
228.0-229.9	0	6	18	0	0	0	0	0	2	1	0
230.0-231.9	0	0	17	0	0	0	0	0	2	0	0
232.0-233.9	0	6	27	0	0	0	3	0	9	1	1
234.0-235.9	0	0	26	0	0	0	1	0	6	1	1
236.0-237.9	0	3	32	0	0	0	2	0	12	4	1
238.0-239.9	0	0	19	0	0	0	2	0	6	1	1
240.0-241.9	0	0	19	0	0	0	2	0	5	1	1
242.0-243.9	0	1	25	0	0	0	5	0	13	3	2
244.0-245.9	0	1	22	0	0	0	3	0	7	2	3
246.0-247.9	0	0	25	0	0	0	4	0	12	0	6
248.0-249.9											13

250.0-251.9	0	0	21	0	0	5	6	0	0	1	3
252.0-253.9	0	0	12	0	0	5	5	0	0	2	2
254.0-255.9	0	0	17	0	0	5	13	0	0	4	8
256.0-257.9	0	1	6	0	0	3	5	0	0	3	6
258.0-259.9	0	1	17	0	0	4	12	0	1	7	10
260.0-261.9	0	0	7	0	0	2	3	0	0	2	2
262.0-263.9	0	3	6	0	0	2	4	0	0	3	4
264.0-265.9	0	0	7	0	0	3	6	0	1	4	6
266.0-267.9	0	1	7	0	0	2	2	0	0	2	2
268.0-269.9	0	0	7	1	0	3	3	0	0	6	4
270.0-271.9	0	0	2	0	0	1	1	0	0	1	1
272.0-273.9	0	0	2	0	0	1	1	0	0	1	1
274.0-275.9	0	0	1	0	0	2	1	0	0	2	2
276.0-277.9	0	1	0	0	0	1	0	0	0	1	1
278.0-279.9	0	0	1	0	0	1	0	0	0	2	1
280.0-281.9	0	0	0	0	0	0	0	0	0	0	0
282.0-283.9	0	0	0	0	0	0	0	0	0	1	0
284.0-285.9	0	0	0	0	0	0	0	0	0	1	1
286.0-287.9	0	0	0	0	0	0	0	0	0	0	0
288.0-289.9	0	0	0	0	0	1	0	0	0	0	0
290.0-291.9	0	0	0	0	0	0	0	0	0	0	0
292.0-293.9	0	0	0	0	0	0	0	0	0	0	0
294.0-295.9	0	0	0	0	0	0	0	0	0	0	0
296.0-297.9	0	0	0	0	0	0	0	0	0	0	0
298.0-299.9	0	0	0	0	0	0	0	0	0	0	0
300.0-301.9	0	0	0	0	0	0	0	0	0	0	0
304.0-305.9	0	0	0	0	0	0	0	0	0	0	0
310.0-311.9	0	0	0	0	0	0	0	0	0	0	0
328.0-329.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	3	377	459	4	323	544	159	0	89	273	111

TOTAL CATCH(MT)		0	20	123	0	16	39	45	0	7	32	33
TASKI MT OR # FISH		0	20	123	0	16	39	45	0	7	32	33
# FISH(ORIG.REC)	661.0	7865.	9579.	94.00	6737.	.2095E+05	6156.	6.000	3466.	.1244E+05	5096.	
MT(ORIGINAL REC)	138.2	431.9	2584.	18.94	349.4	1515.	1775.	.8183	282.1	1458.	1556.	
RAISING FACTOR	0.	.5000E-01	.5000E-01	.5000E-01	.5000E-01	.3000E-01	.3000E-01	.3000E-01	.3000E-01	.2000E-01	.2000E-01	
MEAN LENGTH (CM)	212.9	125.4	239.3	199.4	127.7	134.6	245.1	189.4	144.0	160.4	249.9	
MEAN WEIGHT (KG)	209.0	54.91	269.8	201.5	51.87	72.34	288.3	136.4	81.38	117.2	305.3	

AREA WEST
COUNTRY OTHERS
GEAR LL

YEAR	78	78	79	79	79	79	80	80	80	80	81
QUARTER	3	4	1	2	3	4	1	2	3	4	1
58.0- 59.9	0	0	0	0	0	0	0	0	0	0	0
60.0- 61.9	0	0	0	0	0	0	0	0	0	0	0
62.0- 63.9	0	0	0	0	0	0	0	0	0	0	0
64.0- 65.9	0	0	0	0	0	0	0	0	0	0	0
66.0- 67.9	0	0	0	0	0	0	0	0	0	0	0
68.0- 69.9	0	0	0	0	0	0	0	0	0	0	0
70.0- 71.9	0	0	0	0	0	0	0	0	0	0	0
72.0- 73.9	0	0	0	0	0	0	0	0	0	0	0
74.0- 75.9	0	0	0	0	0	0	0	0	0	0	0
76.0- 77.9	0	0	0	0	0	0	0	0	0	0	0
78.0- 79.9	0	0	0	0	0	0	0	0	0	0	0
80.0- 81.9	0	0	0	0	0	0	0	0	0	0	0
82.0- 83.9	0	0	0	0	0	0	0	0	0	0	0
84.0- 85.9	0	0	0	0	0	0	0	0	0	0	0
86.0- 87.9	0	0	0	0	0	0	0	0	0	0	0
88.0- 89.9	0	0	0	0	0	0	0	0	0	0	0
90.0- 91.9	0	0	0	0	0	0	0	0	0	0	0
92.0- 93.9	0	0	0	0	0	0	0	0	0	0	0
94.0- 95.9	0	0	0	0	0	0	0	0	0	0	0
96.0- 97.9	0	0	0	0	0	0	0	0	0	0	0
98.0- 99.9	0	0	0	0	0	0	0	0	0	0	0
100.0-101.9	0	0	0	0	0	0	0	0	0	0	0
102.0-103.9	0	0	0	0	0	0	0	0	0	0	0
104.0-105.9	0	0	0	0	0	0	0	0	0	0	0
106.0-107.9	0	0	0	0	0	0	0	0	0	0	0
108.0-109.9	0	0	0	0	0	0	0	0	0	0	0
110.0-111.9	0	0	0	0	0	0	0	0	0	0	0
112.0-113.9	0	0	0	0	0	0	0	0	0	0	0
114.0-115.9	0	0	0	0	0	0	0	0	0	0	0
116.0-117.9	0	0	0	0	0	0	0	0	0	0	0
118.0-119.9	0	0	0	0	0	0	0	0	0	0	0
120.0-121.9	0	0	0	0	0	0	0	0	0	0	0
122.0-123.9	0	0	0	0	0	0	0	0	0	0	0
124.0-125.9	0	0	0	0	0	0	0	0	0	0	0
126.0-127.9	0	0	0	0	0	0	0	0	0	0	0
128.0-129.9	0	0	0	0	0	0	0	0	0	0	0
130.0-131.9	0	0	0	0	0	0	0	0	0	0	0
132.0-133.9	0	0	0	0	0	0	0	0	0	0	0
134.0-135.9	0	0	0	0	0	0	0	0	0	0	0
136.0-137.9	0	0	0	0	0	0	0	0	0	0	0
138.0-139.9	0	0	0	0	0	0	0	0	0	0	0
140.0-141.9	0	0	0	0	0	0	0	0	0	0	0
142.0-143.9	0	0	0	0	0	0	0	0	0	0	0
144.0-145.9	0	0	0	0	0	0	0	0	0	0	0
146.0-147.9	0	0	0	0	0	0	0	0	0	0	0
148.0-149.9	0	0	0	0	0	0	0	0	0	0	0
150.0-151.9	0	0	0	0	0	0	0	0	0	0	0
152.0-153.9	0	0	0	0	0	0	0	0	0	0	0
154.0-155.9	0	0	0	0	0	0	0	0	0	0	0
156.0-157.9	0	0	0	0	0	0	0	0	0	0	0
158.0-159.9	0	0	0	0	0	0	0	0	0	0	0
160.0-161.9	0	0	0	0	0	0	0	0	0	0	0
162.0-163.9	0	0	0	0	0	0	0	0	0	0	0
164.0-165.9	0	0	0	0	0	0	0	0	0	0	0
166.0-167.9	0	0	0	0	0	0	0	0	0	0	0
168.0-169.9	0	0	0	0	0	0	0	0	0	0	0
170.0-171.9	0	0	0	0	0	0	0	0	0	0	0
172.0-173.9	0	0	0	0	0	0	0	0	0	0	0
174.0-175.9	0	0	0	0	0	0	0	0	0	0	0
176.0-177.9	0	0	0	0	0	0	0	0	0	0	0
178.0-179.9	0	0	0	0	0	0	0	0	0	0	0
180.0-181.9	0	0	0	0	0	0	0	0	0	0	0
182.0-183.9	0	0	0	0	0	0	0	0	0	0	0
184.0-185.9	0	0	0	0	0	0	0	0	0	0	0
186.0-187.9	0	0	0	0	0	0	0	0	0	0	0
188.0-189.9	0	0	0	0	0	0	0	0	0	0	0
190.0-191.9	0	0	0	0	0	0	0	0	0	0	0
192.0-193.9	0	0	0	0	0	0	0	0	0	0	0
194.0-195.9	0	0	0	0	0	0	0	0	0	0	0
196.0-197.9	0	0	0	0	0	0	0	0	0	0	0
198.0-199.9	0	0	0	0	0	0	0	0	0	0	0
200.0-201.9	0	0	0	0	0	0	0	0	0	0	0
202.0-203.9	0	0	0	0	0	0	0	0	0	0	0
204.0-205.9	0	0	0	0	0	0	0	0	0	0	0
206.0-207.9	0	0	0	0	0	0	0	0	0	0	0
208.0-209.9	0	0	0	0	0	0	0	0	0	0	0
210.0-211.9	0	0	0	0	0	0	0	0	0	0	0
212.0-213.9	0	0	0	0	0	0	0	0	0	0	0
214.0-215.9	0	0	0	0	0	0	0	0	0	0	0
216.0-217.9	0	0	0	0	0	0	0	0	0	0	0
218.0-219.9	0	0	0	0	0	0	0	0	0	0	0
220.0-221.9	0	0	0	0	0	0	0	0	0	0	0
222.0-223.9	0	0	0	0	0	0	0	0	0	0	0
224.0-225.9	0	0	0	0	0	0	0	0	0	0	0
226.0-227.9	0	0	0	0	0	0	0	0	0	0	0
228.0-229.9	0	0	0	0	0	0	0	0	0	0	0
230.0-231.9	0	0	0	0	0	0	0	0	0	0	0
232.0-233.9	0	0	0	0	0	0	0	0	0	0	0
234.0-235.9	0	0	0	0	0	0	0	0	0	0	0
236.0-237.9	0	0	0	0	0	0	0	0	0	0	0
238.0-239.9	0	0	0	0	0	0	0	0	0	0	0
240.0-241.9	0	0	0	0	0	0	0	0	0	0	0
242.0-243.9	0	0	0	0	0	0	0	0	0	0	0
244.0-245.9	0	0	0	0	0	0	0	0	0	0	0
246.0-247.9	0	0	0	0	0	0	0	0	0	0	0
248.0-249.9	0	0	0	0	0	0	0	0	0	0	0
250.0-251.9	0	0	0	0	0	0	0	0	0	0	0
252.0-253.9	0	0	0	0	0	0	0	0	0	0	0
254.0-255.9	0	0	0	0	0	0	0	0	0	0	0
256.0-257.9	0	0	0	0	0	0	0	0	0	0	0
258.0-259.9	0	0	0	0	0	0	0	0	0	0	0

260.0-261.9	0	0	1	2	0	0	2	0	0	0	1
262.0-263.9	0	0	2	2	0	0	2	0	0	0	1
264.0-265.9	0	0	4	3	0	0	1	0	0	0	0
266.0-267.9	0	0	2	1	0	0	2	0	0	0	1
268.0-269.9	0	0	4	2	0	0	2	0	0	0	3
270.0-271.9	0	0	1	1	0	0	1	0	0	0	0
272.0-273.9	0	0	1	1	0	0	0	0	0	0	1
274.0-275.9	0	0	2	1	0	0	1	0	0	0	2
276.0-277.9	0	0	1	1	0	0	0	0	0	0	1
278.0-279.9	0	0	1	1	0	0	1	0	0	0	2
280.0-281.9	0	0	0	0	0	0	0	0	0	0	0
282.0-283.9	0	0	0	0	0	0	0	0	0	0	0
284.0-285.9	0	0	1	0	0	0	0	0	0	0	2
286.0-287.9	0	0	0	0	0	0	0	0	0	0	0
288.0-289.9	0	0	1	0	0	0	0	0	0	0	1
290.0-291.9	0	0	0	0	0	0	0	0	0	0	0
292.0-293.9	0	0	0	0	0	0	0	0	0	0	1
294.0-295.9	0	0	0	0	0	0	0	0	0	0	1
296.0-297.9	0	0	0	0	0	0	0	0	0	0	0
298.0-299.9	0	0	1	0	0	0	0	0	0	0	0
300.0-301.9	0	0	0	0	0	0	0	0	0	0	0
302.0-303.9	0	0	0	0	0	0	0	0	0	0	0
304.0-305.9	0	0	0	0	0	0	0	0	0	0	0
308.0-309.9	0	0	0	0	0	0	0	0	0	0	0
310.0-311.9	0	0	0	0	0	0	0	0	0	0	0
312.0-313.9	0	0	0	0	0	0	0	0	0	0	0
314.0-315.9	0	0	0	0	0	0	0	0	0	0	0
318.0-319.9	0	0	0	0	0	0	0	0	0	0	0
322.0-323.9	0	0	0	0	0	0	0	0	0	0	0
324.0-325.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	0	47	199	95	0	41	107	1	1	56	207

TOTAL CATCH(MT)	0	4	32	26	0	7	19	0	0	6	20
TASK1 MT OR # FISH	0	4	32	26	0	7	19	0	0	6	20
# FISH(ORIG.REC)	39.00	2180.	9526.	4567.	53.00	4379.	.1805E+05	374.0	204.0	9507.	.259AE+05
MT(ORIGINAL REC)	6.107	206.2	1565.	1263.	7.365	374.7	3307.	68.49	28.90	1140.	2511.
RAISING FACTOR	.2000E-01	.2000E-01	.2000E-01	.2000E-01	.2000E-01	.2000E-01	.1000E-01	.1000E-01	.1000E-01	.1000E-01	.1000E-01
MEAN LENGTH (CM)	194.2	158.6	188.8	236.9	175.9	152.3	195.0	200.6	186.1	175.0	146.3
MEAN WEIGHT (KG)	156.6	94.58	164.2	275.4	139.0	85.56	183.3	183.1	141.7	119.9	96.64

AREA WEST
COUNTRY OTHERS
GEAR LL

YEAR	81	81	81
QUARTER	2	3	4
48.0- 49.9	0	0	0
62.0- 63.9	0	0	0
64.0- 65.9	0	0	0
66.0- 67.9	0	0	0
68.0- 69.9	0	0	0
70.0- 71.9	0	0	0
72.0- 73.9	0	0	0
74.0- 75.9	0	0	0
78.0- 79.9	0	0	1
84.0- 85.9	0	0	1
86.0- 87.9	0	0	0
88.0- 89.9	0	0	1
90.0- 91.9	0	0	0
92.0- 93.9	0	0	0
94.0- 95.9	0	0	1
96.0- 97.9	0	0	1
98.0- 99.9	0	0	1
102.0-103.9	0	0	0
104.0-105.9	0	0	0
106.0-107.9	0	0	0
108.0-109.9	0	0	0
110.0-111.9	0	0	0
112.0-113.9	0	0	0
114.0-115.9	0	0	2
116.0-117.9	0	0	0
118.0-119.9	0	0	0
120.0-121.9	0	0	0
122.0-123.9	0	0	0
124.0-125.9	0	0	0
126.0-127.9	0	0	0
128.0-129.9	0	0	1
130.0-131.9	0	0	0
132.0-133.9	0	0	0
134.0-135.9	0	0	1
138.0-139.9	0	0	1
140.0-141.9	0	0	0
142.0-143.9	0	0	0
144.0-145.9	0	0	1
146.0-147.9	0	0	1
148.0-149.9	0	0	3
150.0-151.9	0	0	1
152.0-153.9	0	0	1
154.0-155.9	0	0	1
156.0-157.9	0	0	1
158.0-159.9	0	0	1
160.0-161.9	0	0	0
162.0-163.9	0	0	1
164.0-165.9	0	0	1
166.0-167.9	0	0	1
168.0-169.9	0	0	1
170.0-171.9	0	0	0
172.0-173.9	0	0	1
174.0-175.9	0	0	1
176.0-177.9	0	0	0
178.0-179.9	0	0	2
180.0-181.9	0	0	0
182.0-183.9	0	0	0
184.0-185.9	0	0	1
186.0-187.9	0	1	0
188.0-189.9	0	1	0
190.0-191.9	0	0	0
192.0-193.9	0	0	0
194.0-195.9	1	0	2
196.0-197.9	0	0	0
198.0-199.9	0	0	1
202.0-203.9	0	0	0
204.0-205.9	0	0	1
206.0-207.9	0	0	0
208.0-209.9	0	0	1
210.0-211.9	0	0	0
212.0-213.9	0	0	0
214.0-215.9	1	0	0
216.0-217.9	0	0	0
218.0-219.9	1	0	1
220.0-221.9	0	0	0
222.0-223.9	0	0	0
224.0-225.9	0	0	0
226.0-227.9	0	0	0
228.0-229.9	1	0	1
230.0-231.9	0	0	0
232.0-233.9	1	0	0
234.0-235.9	1	0	0
236.0-237.9	1	0	0
238.0-239.9	1	0	0
240.0-241.9	0	0	0
242.0-243.9	1	0	0
244.0-245.9	1	0	0
246.0-247.9	1	0	0
248.0-249.9	1	0	0
250.0-251.9	0	0	0
252.0-253.9	1	0	0
254.0-255.9	1	0	0
256.0-257.9	1	0	0
258.0-259.9	0	0	0
260.0-261.9	1	0	0
262.0-263.9	1	0	0
264.0-265.9	1	0	0
266.0-267.9	0	0	0
268.0-269.9	1	0	0
270.0-271.9	0	0	0
272.0-273.9	0	0	0
274.0-275.9	0	0	0
276.0-277.9	0	0	0
278.0-279.9	1	0	0
282.0-283.9	0	0	0
284.0-285.9	0	0	0
288.0-289.9	0	0	0
298.0-299.9	0	0	0
300.0-301.9	0	0	0
TOTAL # FISH	25	4	50

TOTAL CATCH(MT)	6	0	4
TASKI MT OR # FISH	6	0	4
# FISH(ORIG.REC)	3182.	525.0	6353.
MT(ORIGINAL REC)	845.1	70.43	623.4
RAISING FACTOR	.1000E-01	.1000E-01	.1000E-01
MEAN LENGTH (CM)	234.8	185.5	159.0
MEAN WEIGHT (KG)	265.6	134.2	98.12

AREA EAST
COUNTRY DENMARK
GEAR UNCL

YEAR	60	61	62	63	64	65	67	68	69	7[illegible]	7[illegible]
QUARTER	3	3	3	3	3	3	3	3	3	3	3
186.0-186.9	0	0	12	0	0	0	0	0	0	0	0
187.0-187.9	0	0	12	0	0	0	0	0	0	0	0
188.0-188.9	0	0	12	0	0	0	0	0	0	0	0
189.0-189.9	0	0	12	0	0	0	0	0	0	0	0
190.0-190.9	0	0	12	0	0	0	0	0	0	0	0
199.0-199.9	0	0	6	0	1	0	0	0	0	0	0
200.0-200.9	0	0	6	0	1	0	0	0	0	0	0
201.0-201.9	0	0	6	0	2	0	0	0	0	0	0
202.0-202.9	0	0	6	0	1	0	0	0	0	0	0
203.0-203.9	0	0	6	0	2	0	0	0	0	0	0
204.0-204.9	0	0	0	0	1	0	0	0	0	0	0
205.0-205.9	0	0	0	0	2	0	0	0	0	0	0
206.0-206.9	0	0	0	0	1	0	0	0	0	0	0
207.0-207.9	0	0	7	0	1	1	0	0	0	0	0
208.0-208.9	0	0	7	0	1	1	0	0	0	0	0
209.0-209.9	0	0	7	0	2	0	0	0	0	0	0
210.0-210.9	0	0	7	0	2	0	0	0	0	0	0
211.0-211.9	0	0	7	0	2	0	0	0	0	0	0
212.0-212.9	0	0	7	0	4	0	0	0	0	0	0
213.0-213.9	0	0	7	0	2	0	0	0	0	0	0
214.0-214.9	0	0	15	0	3	0	0	0	0	0	0
215.0-215.9	0	0	7	0	1	0	0	0	0	0	0
216.0-216.9	0	0	7	0	4	2	0	0	0	0	0
217.0-217.9	0	0	7	0	2	1	0	0	0	0	0
218.0-218.9	0	0	15	0	4	2	0	0	0	0	0
219.0-219.9	0	0	15	0	7	2	0	0	0	0	0
220.0-220.9	1	1	15	0	3	1	0	0	0	0	0
221.0-221.9	1	1	36	0	7	2	0	0	0	0	0
222.0-222.9	1	1	22	0	4	1	0	0	0	0	0
223.0-223.9	1	1	22	0	6	3	0	0	0	0	0
224.0-224.9	1	1	36	1	10	5	1	0	0	0	0
225.0-225.9	2	5	15	0	4	2	0	0	0	0	0
226.0-226.9	2	4	15	1	10	5	1	0	0	0	0
227.0-227.9	2	4	15	0	6	2	0	0	0	0	0
228.0-228.9	2	4	10	0	7	2	1	0	0	0	0
229.0-229.9	2	4	10	1	14	4	3	1	0	0	0
230.0-230.9	5	11	10	0	7	2	1	0	0	0	0
231.0-231.9	3	7	58	1	6	2	1	0	0	0	0
232.0-232.9	3	7	58	1	12	4	1	1	0	0	0
233.0-233.9	3	7	58	1	5	2	1	0	0	0	0
234.0-234.9	3	7	39	0	5	2	1	0	1	0	0
235.0-235.9	8	21	39	1	14	5	2	1	1	0	0
236.0-236.9	5	13	39	1	8	3	1	1	0	0	0
237.0-237.9	5	13	10	0	9	4	1	1	0	0	0
238.0-238.9	5	13	10	1	13	9	3	1	0	0	0
239.0-239.9	5	13	24	0	6	7	2	1	0	0	0
240.0-240.9	10	34	15	0	2	3	1	1	0	0	1
241.0-241.9	5	20	15	0	6	6	2	1	0	0	1
242.0-242.9	5	20	15	1	9	5	2	1	1	0	1
243.0-243.9	5	20	0	0	5	2	1	0	1	0	0
244.0-244.9	5	20	0	0	2	2	1	0	1	0	0
245.0-245.9	10	43	0	0	4	3	2	1	1	1	1
246.0-246.9	5	23	0	0	4	3	1	0	0	0	1
247.0-247.9	5	23	0	0	2	1	1	0	0	0	0
248.0-248.9	5	23	10	0	1	1	0	1	0	0	0
249.0-249.9	**5**	**23**	**10**	**0**	**2**	**2**	**1**	**1**	**0**	**0**	**0**
250.0-250.9	**8**	**41**	**10**	**0**	**2**	**1**	**1**	**1**	**0**	**0**	**0**
251.0-251.9	**3**	**18**	**0**	**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**
252.0-252.9	**3**	**18**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**
253.0-253.9	**3**	**18**	**10**	**0**	**0**	**2**	**1**	**1**	**1**	**0**	**1**
254.0-254.9	**3**	**18**	**10**	**0**	**1**	**2**	**0**	**1**	**1**	**0**	**1**
255.0-255.9	5	29	10	0	1	1	0	2	0	0	1
256.0-256.9	2	11	0	0	1	0	0	1	0	0	0
257.0-257.9	2	11	0	0	1	0	0	1	0	0	0
258.0-258.9	2	11	0	0	1	0	0	1	0	0	0
259.0-259.9	2	11	0	0	0	0	0	0	1	0	0
260.0-260.9	3	16	0	0	0	0	0	0	1	0	0
261.0-261.9	1	5	0	0	0	0	0	0	1	0	0
262.0-262.9	1	5	0	0	0	0	0	0	1	0	0
263.0-263.9	1	5	0	0	0	0	0	0	1	0	0
264.0-264.9	1	5	0	0	0	0	0	0	1	0	0
265.0-265.9	1	6	0	0	0	0	0	0	0	0	0
266.0-266.9	0	2	0	0	0	0	0	0	0	0	0
267.0-267.9	0	2	0	0	0	0	0	0	0	0	0
268.0-268.9	0	2	0	0	0	0	0	0	0	0	0
269.0-269.9	0	2	0	0	0	0	0	0	0	0	0
270.0-270.9	0	2	0	0	0	0	0	0	0	0	0
271.0-271.9	0	1	0	0	0	0	0	0	0	0	0
272.0-272.9	0	1	0	0	0	0	0	0	0	0	0
273.0-273.9	0	1	0	0	0	0	0	0	0	0	0
274.0-274.9	0	1	0	0	0	0	0	0	0	0	0
275.0-275.9	0	1	0	0	0	0	0	0	0	0	0
TOTAL # FISH	161	630	851	10	247	112	34	21	17	1	7

TOTAL CATCH(MT)	47	193	203	2	62	30	9	6	6	0	2
TASKI MT OR # FISH	47	192	202	4	61	30	38	26	17	1	9
# FISH(ORIG.REC)	161.0	630.0	851.0	10.00	247.0	112.0	34.00	21.00	17.00	1.000	7.000
MT(ORIGINAL REC)	47.33	192.6	203.2	2.479	61.81	29.62	9.384	6.363	5.519	.3010	2.188
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	243.1	247.0	226.5	233.1	230.2	235.2	238.4	245.7	251.8	245.5	248.5
MEAN WEIGHT (KG)	294.0	305.7	238.7	247.9	250.3	264.4	276.0	303.0	324.6	301.1	312.6

AREA EAST
COUNTRY DENMARK
GEAR UNCL

YEAR	72	73	74	75	76	78	79
QUARTER	3	3	3	3	3	3	3
229.0-229.9	0	1	0	0	0	0	0
230.0-230.9	0	1	0	0	0	0	0
235.0-235.9	0	0	0	1	0	0	0
236.0-236.9	0	0	0	1	0	0	0
245.0-245.9	1	1	0	0	0	0	0
246.0-246.9	1	1	0	0	0	0	0
248.0-248.9	0	0	0	1	0	1	0
249.0-249.9	1	1	0	1	0	0	0
250.0-250.9	1	2	0	0	1	0	0
251.0-251.9	0	1	0	0	1	0	0
252.0-252.9	0	1	0	1	0	0	0
253.0-253.9	0	1	0	1	1	0	0
254.0-254.9	0	1	0	0	2	0	0
255.0-255.9	0	1	0	0	1	1	0
257.0-257.9	0	0	0	1	1	0	0
258.0-258.9	0	0	0	1	1	0	0
259.0-259.9	1	0	0	0	1	0	0
260.0-260.9	1	0	0	0	1	0	0
261.0-261.9	0	0	0	0	1	0	0
262.0-262.9	1	0	0	1	1	0	0
263.0-263.9	1	0	0	0	1	0	0
264.0-264.9	1	0	0	0	1	0	1
265.0-265.9	1	0	1	1	1	0	1
266.0-266.9	0	0	0	1	1	0	0
268.0-268.9	0	1	0	0	1	0	0
269.0-269.9	0	1	0	0	1	0	0
270.0-270.9	0	0	0	0	1	0	1
271.0-271.9	0	0	0	1	0	0	0
272.0-272.9	0	0	0	1	1	0	0
273.0-273.9	0	0	0	0	1	0	0
276.0-276.9	0	0	0	0	1	0	0
277.0-277.9	0	0	0	0	1	0	0
280.0-280.9	0	0	0	0	1	0	0
281.0-281.9	0	0	0	0	1	0	0
TOTAL # FISH	10	14	1	13	25	2	3
TOTAL CATCH(MT)	3	4	0	4	9	1	1
TASK1 MT OR # FISH	10	8	1	7	16	9	9
# FISH(ORIG.REC)	10.00	14.00	1.000	13.00	25.00	2.000	3.000
MT(ORIGINAL REC)	3.355	4.473	.3770	4.447	9.256	.6480	1.099
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	256.8	250.6	265.5	256.2	264.4	252.0	266.8
MEAN WEIGHT (KG)	335.5	319.5	377.2	342.1	370.2	324.2	366.3

AREA EAST
COUNTRY FRANCE
GEAR 88

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	
55.0- 55.9	60	98	104	59	43	67	9	8	454	380	790
56.0- 56.9	60	98	104	59	43	67	9	8	454	380	790
57.0- 57.9	60	98	104	59	43	67	9	8	454	380	790
58.0- 58.9	60	98	104	59	43	67	9	8	454	380	790
59.0- 59.9	60	98	104	59	43	67	9	8	454	380	790
60.0- 60.9	214	351	374	210	155	240	33	29	1634	1368	2843
61.0- 61.9	214	351	374	210	155	240	33	29	1634	1368	2843
62.0- 62.9	214	351	374	210	155	240	33	29	1634	1368	2843
63.0- 63.9	214	351	374	210	155	240	33	29	1634	1368	2843
64.0- 64.9	214	351	374	210	155	240	33	29	1634	1368	2843
65.0- 65.9	155	254	270	152	112	173	24	21	1179	988	2053
66.0- 66.9	155	254	270	152	112	173	24	21	1179	988	2053
67.0- 67.9	155	254	270	152	112	173	24	21	1179	988	2053
68.0- 68.9	155	254	270	152	112	173	24	21	1179	988	2053
69.0- 69.9	155	254	270	152	112	173	24	21	1179	988	2053
70.0- 70.9	156	256	273	153	113	175	985	371	263	389	640
71.0- 71.9	156	256	273	153	113	175	985	371	263	389	640
72.0- 72.9	156	256	273	153	113	175	985	371	263	389	640
73.0- 73.9	156	256	273	153	113	175	985	371	263	389	640
74.0- 74.9	156	256	273	153	113	175	985	371	263	389	640
75.0- 75.9	521	855	909	512	377	585	3286	1238	877	1299	2137
76.0- 76.9	521	855	909	512	377	585	3286	1238	877	1299	2137
77.0- 77.9	521	855	909	512	377	585	3286	1238	877	1299	2137
78.0- 78.9	521	855	909	512	377	585	3286	1238	877	1299	2137
79.0- 79.9	521	855	909	512	377	585	3286	1238	877	1299	2137
80.0- 80.9	626	1028	1093	615	453	703	3949	1488	1054	1560	2568
81.0- 81.9	626	1028	1093	615	453	703	3949	1488	1054	1560	2568
82.0- 82.9	626	1028	1093	615	453	703	3949	1488	1054	1560	2568
83.0- 83.9	626	1028	1093	615	453	703	3949	1488	1054	1560	2568
84.0- 84.9	626	1028	1093	615	453	703	3949	1488	1054	1560	2568
85.0- 85.9	156	256	272	153	113	175	985	371	263	389	640
86.0- 86.9	156	256	272	153	113	175	985	371	263	389	640
87.0- 87.9	156	256	272	153	113	175	985	371	263	389	640
88.0- 88.9	156	256	272	153	113	175	985	371	263	389	640
89.0- 89.9	156	256	272	153	113	175	985	371	263	389	640
90.0- 90.9	196	322	343	193	142	220	1004	684	194	171	165
91.0- 91.9	196	322	343	193	142	220	1004	684	194	171	165
92.0- 92.9	196	322	343	193	142	220	1004	684	194	171	165
93.0- 93.9	196	322	343	193	142	220	1004	684	194	171	165
94.0- 94.9	196	322	343	193	142	220	1004	684	194	171	165
95.0- 95.9	329	539	574	323	238	369	1680	1144	324	286	276
96.0- 96.9	329	539	574	323	238	369	1680	1144	324	286	276
97.0- 97.9	329	539	574	323	238	369	1680	1144	324	286	276
98.0- 98.9	329	539	574	323	238	369	1680	1144	324	286	276
99.0- 99.9	329	539	574	323	238	369	1680	1144	324	286	276
100.0-100.9	852	1398	1487	837	617	956	4356	2966	840	740	715
101.0-101.9	852	1398	1487	837	617	956	4356	2966	840	740	715
102.0-102.9	852	1398	1487	837	617	956	4356	2966	840	740	715
103.0-103.9	852	1398	1487	837	617	956	4356	2966	840	740	715
104.0-104.9	852	1398	1487	837	617	956	4356	2966	840	740	715
105.0-105.9	495	812	864	486	358	556	2103	1394	391	403	396
106.0-106.9	495	812	864	486	358	556	2103	1394	391	403	396
107.0-107.9	495	812	864	486	358	556	2103	1394	391	403	396
108.0-108.9	495	812	864	486	358	556	2103	1394	391	403	396
109.0-109.9	495	812	864	486	358	556	2103	1394	391	403	396
110.0-110.9	168	276	294	165	122	189	433	256	69	119	122
111.0-111.9	168	276	294	165	122	189	433	256	69	119	122
112.0-112.9	168	276	294	165	122	189	433	256	69	119	122
113.0-113.9	168	276	294	165	122	189	433	256	69	119	122
114.0-114.9	168	276	294	165	122	189	433	256	69	119	122
115.0-115.9	437	716	762	429	316	490	379	104	14	246	267
116.0-116.9	437	716	762	429	316	490	379	104	14	246	267
117.0-117.9	437	716	762	429	316	490	379	104	14	246	267
118.0-118.9	437	716	762	429	316	490	379	104	14	246	267
119.0-119.9	437	716	762	429	316	490	379	104	14	246	267
120.0-120.9	359	589	627	353	260	403	348	92	13	219	236
121.0-121.9	359	589	627	353	260	403	348	92	13	219	236
122.0-122.9	359	589	627	353	260	403	348	92	13	219	236
123.0-123.9	359	589	627	353	260	403	348	92	13	219	236
124.0-124.9	359	589	627	353	260	403	348	92	13	219	236
125.0-125.9	232	381	406	228	168	261	206	53	8	127	136
126.0-126.9	232	381	406	228	168	261	206	53	8	127	136
127.0-127.9	232	381	406	228	168	261	206	53	8	127	136
128.0-128.9	232	381	406	228	168	261	206	53	8	127	136
129.0-129.9	232	381	406	228	168	261	206	53	8	127	136
130.0-130.9	79	129	137	77	57	88	64	14	2	35	36
131.0-131.9	79	129	137	77	57	88	64	14	2	35	36
132.0-132.9	79	129	137	77	57	88	64	14	2	35	36
133.0-133.9	79	129	137	77	57	88	64	14	2	35	36
134.0-134.9	79	129	137	77	57	88	64	14	2	35	36
135.0-135.9	99	163	173	97	72	111	64	4	2	15	10
136.0-136.9	99	163	173	97	72	111	64	4	2	15	10
137.0-137.9	99	163	173	97	72	111	64	4	2	15	10
138.0-138.9	99	163	173	97	72	111	64	4	2	15	10
139.0-139.9	99	163	173	97	72	111	64	4	2	15	10
140.0-140.9	101	166	177	99	73	114	67	4	2	15	12
141.0-141.9	101	166	177	99	73	114	67	4	2	15	12
142.0-142.9	101	166	177	99	73	114	67	4	2	15	12
143.0-143.9	101	166	177	99	73	114	67	4	2	15	12
144.0-144.9	101	166	177	99	73	114	67	4	2	15	12
145.0-145.9	41	67	72	40	30	46	33	2	1	4	14
146.0-146.9	41	67	72	40	30	46	33	2	1	4	14
147.0-147.9	41	67	72	40	30	46	33	2	1	4	14
148.0-148.9	41	67	72	40	30	46	33	2	1	4	14
149.0-149.9	41	67	72	40	30	46	33	2	1	4	14
150.0-150.9	33	54	57	32	24	37	23	2	1	4	7
151.0-151.9	33	54	57	32	24	37	23	2	1	4	7
152.0-152.9	33	54	57	32	24	37	23	2	1	4	7
153.0-153.9	33	54	57	32	24	37	23	2	1	4	7
154.0-154.9	33	54	57	32	24	37	23	2	1	4	7
155.0-155.9	3	6	6	3	2	4	4	1	0	0	2

156.0-156.9	3	6	6	3	2	4	4	1	0	0	2
157.0-157.9	3	6	6	3	2	4	4	1	0	0	2
158.0-158.9	3	6	6	3	2	4	4	1	0	0	2
159.0-159.9	3	6	6	3	2	4	4	1	0	0	2
160.0-160.9	6	11	11	7	5	7	7	2	0	0	5
161.0-161.9	6	11	11	7	5	7	7	2	0	0	5
162.0-162.9	6	11	11	7	5	7	7	2	0	0	5
163.0-163.9	6	11	11	7	5	7	7	2	0	0	5
164.0-164.9	6	11	11	7	5	7	7	2	0	0	5
165.0-165.9	1	1	1	1	0	1	0	1	0	0	0
166.0-166.9	1	1	1	1	0	1	0	1	0	0	0
167.0-167.9	1	1	1	1	0	1	0	1	0	0	0
168.0-168.9	1	1	1	1	0	1	0	1	0	0	0
169.0-169.9	1	1	1	1	0	1	0	1	0	0	0
170.0-170.9	2	3	3	2	1	2	1	2	0	0	0
171.0-171.9	2	3	3	2	1	2	1	2	0	0	0
172.0-172.9	2	3	3	2	1	2	1	2	0	0	0
173.0-173.9	2	3	3	2	1	2	1	2	0	0	0
174.0-174.9	2	3	3	2	1	2	1	2	0	0	0
175.0-175.9	1	2	2	1	1	1	1	1	0	0	0
176.0-176.9	1	2	2	1	1	1	1	1	0	0	0
177.0-177.9	1	2	2	1	1	1	1	1	0	0	0
178.0-178.9	1	2	2	1	1	1	1	1	0	0	0
179.0-179.9	1	2	2	1	1	1	1	1	0	0	0
180.0-180.9	1	1	1	1	0	1	0	1	0	0	0
181.0-181.9	1	1	1	1	0	1	0	1	0	0	0
182.0-182.9	1	1	1	1	0	1	0	1	0	0	0
183.0-183.9	1	1	1	1	0	1	0	1	0	0	0
184.0-184.9	1	1	1	1	0	1	0	1	0	0	0
185.0-185.9	2	4	4	2	2	3	0	1	0	0	0
186.0-186.9	2	4	4	2	2	3	0	1	0	0	0
187.0-187.9	2	4	4	2	2	3	0	1	0	0	0
188.0-188.9	2	4	4	2	2	3	0	1	0	0	0
189.0-189.9	2	4	4	2	2	3	0	1	0	0	0
190.0-190.9	2	4	4	2	2	3	0	1	0	0	0
191.0-191.9	2	4	4	2	2	3	0	1	0	0	0
192.0-192.9	2	4	4	2	2	3	0	1	0	0	0
193.0-193.9	2	4	4	2	2	3	0	1	0	0	0
194.0-194.9	2	4	4	2	2	3	0	1	0	0	0
TOTAL # FISH	26641	43701	46486	26159	19275	29902	100221	51273	37909	43779	70343

TOTAL CATCH(MT)	553	907	965	543	400	621	1624	860	390	534	732
TASKI MT OR # FISH	553	907	965	543	400	621	1624	860	390	534	732
# FISH(ORIG.REC)	.2987E+05	.4481E+05	.4485E+05	.2489E+05	.1991E+05	.2987E+05	.1164E+06	.5496E+05	.5614E+05	.5257E+05	.8811E+05
MT(ORIGINAL REC)	620.0	930.0	931.0	516.7	413.1	620.4	1887.	921.8	577.5	641.2	916.9
RAISING FACTOR	.8900	.9800	1.040	1.050	.9700	1.000	.8600	.9300	.6800	.8300	.8000
MEAN LENGTH (CM)	99.78	99.78	99.78	99.78	99.78	99.79	93.34	95.05	78.51	82.66	78.40
MEAN WEIGHT (KG)	20.76	20.75	20.76	20.76	20.75	20.77	16.20	16.77	10.29	12.20	10.41

AREA EAST
COUNTRY FRANCE
GEAR BB

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3	3
50.0- 50.9	0	0	0	0	0	0	0	0	0	17	0
51.0- 51.9	0	0	0	0	0	0	0	0	0	17	0
52.0- 52.9	0	0	0	0	0	0	0	0	0	17	0
53.0- 53.9	0	0	0	0	0	0	0	0	0	17	0
54.0- 54.9	0	0	0	0	0	0	0	0	0	17	0
55.0- 55.9	7	16	25	15	48	10	99	863	322	729	155
56.0- 56.9	7	16	25	15	48	10	99	863	322	729	155
57.0- 57.9	7	16	25	15	48	10	99	863	322	729	155
58.0- 58.9	7	16	25	15	48	10	99	863	322	729	155
59.0- 59.9	7	16	25	15	48	10	99	863	322	729	155
60.0- 60.9	24	59	90	54	171	35	357	3103	1157	2567	558
61.0- 61.9	24	59	90	54	171	35	357	3103	1157	2567	558
62.0- 62.9	24	59	90	54	171	35	357	3103	1157	2567	558
63.0- 63.9	24	59	90	54	171	35	357	3103	1157	2567	558
64.0- 64.9	24	59	90	54	171	35	357	3103	1157	2567	558
65.0- 65.9	17	42	65	39	124	25	258	2241	835	1023	403
66.0- 66.9	17	42	65	39	124	25	258	2241	835	1023	403
67.0- 67.9	17	42	65	39	124	25	258	2241	835	1023	403
68.0- 68.9	17	42	65	39	124	25	258	2241	835	1023	403
69.0- 69.9	17	42	65	39	124	25	258	2241	835	1023	403
70.0- 70.9	443	451	595	391	1331	448	847	673	89	123	208
71.0- 71.9	443	451	595	391	1331	448	847	673	89	123	208
72.0- 72.9	443	451	595	391	1331	448	847	673	89	123	208
73.0- 73.9	443	451	595	391	1331	448	847	673	89	123	208
74.0- 74.9	443	451	595	391	1331	448	847	673	89	123	208
75.0- 75.9	1478	1503	1984	1303	4441	1493	2825	2247	297	599	693
76.0- 76.9	1478	1503	1984	1303	4441	1493	2825	2247	297	599	693
77.0- 77.9	1478	1503	1984	1303	4441	1493	2825	2247	297	599	693
78.0- 78.9	1478	1503	1984	1303	4441	1493	2825	2247	297	599	693
79.0- 79.9	1478	1503	1984	1303	4441	1493	2825	2247	297	599	693
80.0- 80.9	1777	1806	2384	1566	5337	1795	3394	2700	357	782	833
81.0- 81.9	1777	1806	2384	1566	5337	1795	3394	2700	357	782	833
82.0- 82.9	1777	1806	2384	1566	5337	1795	3394	2700	357	782	833
83.0- 83.9	1777	1806	2384	1566	5337	1795	3394	2700	357	782	833
84.0- 84.9	1777	1806	2384	1566	5337	1795	3394	2700	357	782	833
85.0- 85.9	443	451	595	391	1331	448	847	673	89	203	208
86.0- 86.9	443	451	595	391	1331	448	847	673	89	203	208
87.0- 87.9	443	451	595	391	1331	448	847	673	89	203	208
88.0- 88.9	443	451	595	391	1331	448	847	673	89	203	208
89.0- 89.9	443	451	595	391	1331	448	847	673	89	203	208
90.0- 90.9	255	87	206	268	58	62	185	64	44	40	17
91.0- 91.9	255	87	206	268	58	62	185	64	44	40	17
92.0- 92.9	255	87	206	268	58	62	185	64	44	40	17
93.0- 93.9	255	87	206	268	58	62	185	64	44	40	17
94.0- 94.9	255	87	206	268	58	62	185	64	44	40	17
95.0- 95.9	426	146	345	448	97	104	309	106	74	160	29
96.0- 96.9	426	146	345	448	97	104	309	106	74	160	29
97.0- 97.9	426	146	345	448	97	104	309	106	74	160	29
98.0- 98.9	426	146	345	448	97	104	309	106	74	160	29
99.0- 99.9	426	146	345	448	97	104	309	106	74	160	29
100.0-100.9	1105	378	894	1160	251	270	801	276	191	179	74
101.0-101.9	1105	378	894	1160	251	270	801	276	191	179	74
102.0-102.9	1105	378	894	1160	251	270	801	276	191	179	74
103.0-103.9	1105	378	894	1160	251	270	801	276	191	179	74
104.0-104.9	1105	378	894	1160	251	270	801	276	191	179	74
105.0-105.9	553	197	441	569	125	126	377	211	138	65	41
106.0-106.9	553	197	441	569	125	126	377	211	138	65	41
107.0-107.9	553	197	441	569	125	126	377	211	138	65	41
108.0-108.9	553	197	441	569	125	126	377	211	138	65	41
109.0-109.9	553	197	441	569	125	126	377	211	138	65	41
110.0-110.9	129	52	98	124	29	22	69	105	65	18	13
111.0-111.9	129	52	98	124	29	22	69	105	65	18	13
112.0-112.9	129	52	98	124	29	22	69	105	65	18	13
113.0-113.9	129	52	98	124	29	22	69	105	65	18	13
114.0-114.9	129	52	98	124	29	22	69	105	65	18	13
115.0-115.9	174	90	115	136	37	4	29	337	201	19	29
116.0-116.9	174	90	115	136	37	4	29	337	201	19	29
117.0-117.9	174	90	115	136	37	4	29	337	201	19	29
118.0-118.9	174	90	115	136	37	4	29	337	201	19	29
119.0-119.9	174	90	115	136	37	4	29	337	201	19	29
120.0-120.9	190	103	106	125	33	4	25	306	185	14	25
121.0-121.9	190	103	106	125	33	4	25	306	185	14	25
122.0-122.9	190	103	106	125	33	4	25	306	185	14	25
123.0-123.9	190	103	106	125	33	4	25	306	185	14	25
124.0-124.9	190	103	106	125	33	4	25	306	185	14	25
125.0-125.9	124	69	63	73	19	2	15	180	109	10	14
126.0-126.9	124	69	63	73	19	2	15	180	109	10	14
127.0-127.9	124	69	63	73	19	2	15	180	109	10	14
128.0-128.9	124	69	63	73	19	2	15	180	109	10	14
129.0-129.9	124	69	63	73	19	2	15	180	109	10	14
130.0-130.9	60	35	20	23	5	1	4	54	34	9	4
131.0-131.9	60	35	20	23	5	1	4	54	34	9	4
132.0-132.9	60	35	20	23	5	1	4	54	34	9	4
133.0-133.9	60	35	20	23	5	1	4	54	34	9	4
134.0-134.9	60	35	20	23	5	1	4	54	34	9	4
135.0-135.9	151	95	22	22	0	0	1	44	33	7	0
136.0-136.9	151	95	22	22	0	0	1	44	33	7	0
137.0-137.9	151	95	22	22	0	0	1	44	33	7	0
138.0-138.9	151	95	22	22	0	0	1	44	33	7	0
139.0-139.9	151	95	22	22	0	0	1	44	33	7	0
140.0-140.9	159	146	22	25	0	0	1	46	37	13	0
141.0-141.9	159	146	22	25	0	0	1	46	37	13	0
142.0-142.9	159	146	22	25	0	0	1	46	37	13	0
143.0-143.9	159	146	22	25	0	0	1	46	37	13	0
144.0-144.9	159	146	22	25	0	0	1	46	37	13	0
145.0-145.9	79	277	6	22	0	0	0	16	24	9	0
146.0-146.9	79	277	6	22	0	0	0	16	24	9	0
147.0-147.9	79	277	6	22	0	0	0	16	24	9	0
148.0-148.9	79	277	6	22	0	0	0	16	24	9	0
149.0-149.9	79	277	6	22	0	0	0	16	24	9	0
150.0-150.9	54	125	6	12	0	0	0	13	15	9	0

151.0-151.9	54	125	6	12	0	0	0	13	15	9	0
152.0-152.9	54	125	6	12	0	0	0	13	15	9	0
153.0-153.9	54	125	6	12	0	0	0	13	15	9	0
154.0-154.9	54	125	6	12	0	0	0	13	15	9	0
155.0-155.9	11	82	0	3	0	0	0	1	4	7	0
156.0-156.9	11	82	0	3	0	0	0	1	4	7	0
157.0-157.9	11	82	0	3	0	0	0	1	4	7	0
158.0-158.9	11	82	0	3	0	0	0	1	4	7	0
159.0-159.9	11	82	0	3	0	0	0	1	4	7	0
160.0-160.9	22	164	0	7	0	0	0	2	8	5	0
161.0-161.9	22	164	0	7	0	0	0	2	8	5	0
162.0-162.9	22	164	0	7	0	0	0	2	8	5	0
163.0-163.9	22	164	0	7	0	0	0	2	8	5	0
164.0-164.9	22	164	0	7	0	0	0	2	8	5	0
165.0-165.9	3	31	0	0	0	0	0	0	0	4	0
166.0-166.9	3	31	0	0	0	0	0	0	0	4	0
167.0-167.9	3	31	0	0	0	0	0	0	0	4	0
168.0-168.9	3	31	0	0	0	0	0	0	0	4	0
169.0-169.9	3	31	0	0	0	0	0	0	0	4	0
170.0-170.9	8	94	0	0	0	0	0	0	1	0	0
171.0-171.9	8	94	0	0	0	0	0	0	1	0	0
172.0-172.9	8	94	0	0	0	0	0	0	1	0	0
173.0-173.9	8	94	0	0	0	0	0	0	1	0	0
174.0-174.9	8	94	0	0	0	0	0	0	1	0	0
175.0-175.9	5	63	0	0	0	0	0	0	1	0	0
176.0-176.9	5	63	0	0	0	0	0	0	1	0	0
177.0-177.9	5	63	0	0	0	0	0	0	1	0	0
178.0-178.9	5	63	0	0	0	0	0	0	1	0	0
179.0-179.9	5	63	0	0	0	0	0	0	1	0	0
180.0-180.9	3	31	0	0	0	0	0	0	0	0	0
181.0-181.9	3	31	0	0	0	0	0	0	0	0	0
182.0-182.9	3	31	0	0	0	0	0	0	0	0	0
183.0-183.9	3	31	0	0	0	0	0	0	0	0	0
184.0-184.9	3	31	0	0	0	0	0	0	0	0	0
185.0-185.9	0	19	0	0	0	0	0	0	0	0	0
186.0-186.9	0	19	0	0	0	0	0	0	0	0	0
187.0-187.9	0	19	0	0	0	0	0	0	0	0	0
188.0-188.9	0	19	0	0	0	0	0	0	0	0	0
189.0-189.9	0	19	0	0	0	0	0	0	0	0	0
190.0-190.9	0	18	0	0	0	0	0	0	0	0	0
191.0-191.9	0	18	0	0	0	0	0	0	0	0	0
192.0-192.9	0	18	0	0	0	0	0	0	0	0	0
193.0-193.9	0	18	0	0	0	0	0	0	0	0	0
194.0-194.9	0	18	0	0	0	0	0	0	0	0	0
TOTAL # FISH	38491	33142	40398	33861	67176	24233	52209	71299	21550	33048	16517

TOTAL CATCH(MT)	680	740	540	522	692	267	592	723	275	260	153
TASK1 MT OR # FISH	680	740	540	522	692	267	592	723	275	260	153
# FISH(ORIG.REC)	.4486E+05	.3870E+05	.4480E+05	.3100E+05	.8969E+05	.3027E+05	.4452E+05	.7614E+05	.2125E+05	.5443E+05	.1565E+05
MT(ORIGINAL REC)	792.5	864.1	598.8	477.9	923.9	333.5	504.8	772.1	271.1	428.2	144.9
RAISING FACTOR	.8600	.8600	.9000	1.090	.7500	.8000	1.170	.9400	1.010	.6100	1.060
MEAN LENGTH (CM)	94.38	97.80	87.22	91.36	80.97	82.66	82.99	77.35	81.12	71.25	76.67
MEAN WEIGHT (KG)	17.67	22.33	13.37	15.42	10.30	11.02	11.34	10.14	12.76	7.870	9.260

AREA EAST
COUNTRY FRANCE
GEAR TROL

YEAR	73
QUARTER	3
55.0- 55.9	1
56.0- 56.9	1
57.0- 57.9	1
58.0- 58.9	1
59.0- 59.9	1
60.0- 60.9	2
61.0- 61.9	2
62.0- 62.9	2
63.0- 63.9	2
64.0- 64.9	2
65.0- 65.9	1
66.0- 66.9	1
67.0- 67.9	1
68.0- 68.9	1
69.0- 69.9	1
70.0- 70.9	13
71.0- 71.9	13
72.0- 72.9	13
73.0- 73.9	13
74.0- 74.9	13
75.0- 75.9	45
76.0- 76.9	45
77.0- 77.9	45
78.0- 78.9	45
79.0- 79.9	45
80.0- 80.9	54
81.0- 81.9	54
82.0- 82.9	54
83.0- 83.9	54
84.0- 84.9	54
85.0- 85.9	13
86.0- 86.9	13
87.0- 87.9	13
88.0- 88.9	13
89.0- 89.9	13
90.0- 90.9	5
91.0- 91.9	5
92.0- 92.9	5
93.0- 93.9	5
94.0- 94.9	5
95.0- 95.9	8
96.0- 96.9	8
97.0- 97.9	8
98.0- 98.9	8
99.0- 99.9	8
100.0-100.9	20
101.0-101.9	20
102.0-102.9	20
103.0-103.9	20
104.0-104.9	20
105.0-105.9	10
106.0-106.9	10
107.0-107.9	10
108.0-108.9	10
109.0-109.9	10
110.0-110.9	2
111.0-111.9	2
112.0-112.9	2
113.0-113.9	2
114.0-114.9	2
115.0-115.9	3
116.0-116.9	3
117.0-117.9	3
118.0-118.9	3
119.0-119.9	3
120.0-120.9	2
121.0-121.9	2
122.0-122.9	2
123.0-123.9	2
124.0-124.9	2
125.0-125.9	1
126.0-126.9	1
127.0-127.9	1
128.0-128.9	1
129.0-129.9	1
130.0-130.9	0
131.0-131.9	0
132.0-132.9	0
133.0-133.9	0
134.0-134.9	0
135.0-135.9	1
136.0-136.9	1
137.0-137.9	1
138.0-138.9	1
139.0-139.9	1
140.0-140.9	1
141.0-141.9	1
142.0-142.9	1
143.0-143.9	1
144.0-144.9	1
145.0-145.9	0
146.0-146.9	0
147.0-147.9	0
148.0-148.9	0
149.0-149.9	0
150.0-150.9	0
151.0-151.9	0
152.0-152.9	0
153.0-153.9	0
154.0-154.9	0
TOTAL # FISH	912
TOTAL CATCH(MT)	12
TASKI MT OR # FISH	11
# FISH(ORIG.REC)	913.0
MT(ORIGINAL REC)	12.27
RAISING FACTOR	1.000
MEAN LENGTH (CM)	87.33
MEAN WEIGHT (KG)	13.44

AREA EAST
COUNTRY GER.F.R.
GEAR HAND

YEAR	60	61	62
QUARTER	3	3	3
205.0-205.9	0	0	1
206.0-206.9	0	0	1
207.0-207.9	0	0	1
208.0-208.9	0	0	1
209.0-209.9	0	0	1
210.0-210.9	0	0	2
211.0-211.9	0	0	2
212.0-212.9	0	0	2
213.0-213.9	0	0	2
214.0-214.9	0	0	2
215.0-215.9	1	0	4
216.0-216.9	1	0	3
217.0-217.9	1	0	3
218.0-218.9	1	0	3
219.0-219.9	1	0	3
220.0-220.9	6	3	7
221.0-221.9	5	2	4
222.0-222.9	5	2	4
223.0-223.9	5	2	4
224.0-224.9	5	2	4
225.0-225.9	19	8	11
226.0-226.9	14	6	7
227.0-227.9	14	6	7
228.0-228.9	14	6	7
229.0-229.9	14	6	7
230.0-230.9	44	19	18
231.0-231.9	30	12	11
232.0-232.9	30	12	11
233.0-233.9	30	12	11
234.0-234.9	30	12	11
235.0-235.9	76	35	28
236.0-236.9	46	23	17
237.0-237.9	46	23	17
238.0-238.9	46	23	17
239.0-239.9	46	23	17
240.0-240.9	96	58	39
241.0-241.9	50	35	22
242.0-242.9	50	35	22
243.0-243.9	50	35	22
244.0-244.9	50	35	22
245.0-245.9	93	74	44
246.0-246.9	43	39	22
247.0-247.9	43	39	22
248.0-248.9	43	39	22
249.0-249.9	43	39	22
250.0-250.9	72	70	39
251.0-251.9	30	31	17
252.0-252.9	30	31	17
253.0-253.9	30	31	17
254.0-254.9	30	31	17
255.0-255.9	46	49	26
256.0-256.9	16	19	9
257.0-257.9	16	19	9
258.0-258.9	16	19	9
259.0-259.9	16	19	9
260.0-260.9	23	27	14
261.0-261.9	7	8	4
262.0-262.9	7	8	4
263.0-263.9	7	8	4
264.0-264.9	7	8	4
265.0-265.9	9	11	6
266.0-266.9	2	3	1
267.0-267.9	2	3	1
268.0-268.9	2	3	1
269.0-269.9	2	3	1
270.0-270.9	3	4	2
271.0-271.9	1	1	0
272.0-272.9	1	1	0
273.0-273.9	1	1	0
274.0-274.9	1	1	0
275.0-275.9	1	1	0.
280.0-280.9	0	1	0
TOTAL # FISH	1469	1076	721

TOTAL CATCH(MT)	432	329	211
TASKI MT OR # FISH	434	331	212
# FISH(ORIG.REC)	1469.	1076.	721.0
MT(ORIGINAL REC)	431.9	329.0	210.7
RAISING FACTOR	1.000	1.000	1.000
MEAN LENGTH (CM)	243.4	246.8	242.9
MEAN WEIGHT (KG)	294.0	305.7	292.3

AREA EAST
COUNTRY JAPAN
GEAR LL

YEAR											
YEAR	67	67	67	67	68	68	68	68	69	69	69
QUARTER	1	2	3	4	1	2	3	4	1	2	3
128.0-129.9	1	3	6	9	0	0	0	0	0	0	0
130.0-131.9	0	0	0	0	0	0	0	0	0	0	0
132.0-133.9	0	0	0	0	0	0	0	0	0	0	0
134.0-135.9	0	0	0	0	0	0	0	0	0	0	0
136.0-137.9	0	0	0	0	0	0	0	0	0	0	0
138.0-139.9	0	0	0	0	0	0	0	0	0	0	0
140.0-141.9	0	0	0	0	0	0	0	0	0	0	0
142.0-143.9	0	0	0	0	0	0	0	0	0	0	0
144.0-145.9	0	0	0	0	0	0	0	0	0	0	0
146.0-147.9	0	0	0	0	0	0	0	0	0	0	0
148.0-149.9	0	0	0	0	0	0	0	0	0	0	0
150.0-151.9	0	0	0	0	0	0	0	0	0	0	0
152.0-153.9	0	0	0	0	0	0	0	0	0	0	0
154.0-155.9	1	3	6	9	0	0	0	0	0	0	0
156.0-157.9	0	0	0	0	0	0	0	0	0	0	0
158.0-159.9	0	0	0	0	0	0	0	0	0	0	0
160.0-161.9	0	0	0	0	0	0	0	0	0	0	0
162.0-163.9	0	0	0	0	0	0	0	0	0	0	0
164.0-165.9	0	0	0	0	0	0	0	0	0	0	0
166.0-167.9	0	0	0	0	0	0	0	0	0	0	1
168.0-169.9	0	0	0	0	0	0	0	0	0	0	0
170.0-171.9	0	0	0	0	0	0	0	0	0	0	0
172.0-173.9	0	0	0	0	0	0	0	0	0	0	0
174.0-175.9	0	0	0	0	0	0	0	0	0	0	0
176.0-177.9	0	0	0	0	0	0	0	0	0	0	0
178.0-179.9	0	0	0	0	0	0	0	0	0	0	0
180.0-181.9	0	0	0	0	0	0	0	0	0	0	0
182.0-183.9	0	0	0	0	0	0	0	0	0	0	0
184.0-185.9	0	0	0	0	0	0	0	0	0	0	0
186.0-187.9	0	0	0	0	0	0	0	0	0	0	1
188.0-189.9	0	0	0	0	0	0	0	0	0	0	0
190.0-191.9	0	0	0	0	0	0	0	0	0	0	0
192.0-193.9	0	0	0	0	0	0	0	0	0	0	0
194.0-195.9	0	0	0	0	0	0	0	0	0	0	0
196.0-197.9	0	0	0	0	0	0	0	0	0	0	0
200.0-201.9	1	3	6	9	0	0	0	0	0	0	0
202.0-203.9	0	0	0	0	0	0	0	0	0	0	0
204.0-205.9	0	0	0	0	0	0	0	0	0	0	0
206.0-207.9	2	8	17	27	6	13	21	1	0	0	0
208.0-209.9	2	8	17	27	0	0	0	0	0	0	0
210.0-211.9	1	5	12	18	0	0	0	0	0	0	0
212.0-213.9	1	5	12	18	3	6	10	1	0	0	0
214.0-215.9	1	5	12	18	0	0	0	0	0	0	0
216.0-217.9	0	0	0	0	0	0	0	0	0	0	0
218.0-219.9	1	3	6	9	0	0	0	0	0	0	0
222.0-223.9	1	3	6	9	0	0	0	0	0	0	0
224.0-225.9	1	3	6	9	0	0	0	0	0	0	0
226.0-227.9	1	5	12	18	0	0	0	0	0	0	0
228.0-229.9	1	3	6	9	0	0	0	0	0	0	0
230.0-231.9	0	0	0	0	0	0	0	0	0	0	0
232.0-233.9	1	5	12	18	0	0	0	0	0	0	0
234.0-235.9	1	3	6	9	0	0	0	0	0	0	0
236.0-237.9	1	5	12	18	0	0	0	0	0	0	0
238.0-239.9	1	3	6	9	0	0	0	0	0	0	0
246.0-247.9	1	3	6	9	3	6	10	1	0	0	0
248.0-249.9	0	0	0	0	0	0	0	0	0	0	0
250.0-251.9	1	3	6	9	0	0	0	0	0	0	0
256.0-257.9	0	0	0	0	0	0	0	0	0	0	0
260.0-261.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	19	78	166	263	11	25	41	2	0	2	6
TOTAL CATCH(MT)	3	13	29	47	1	4	7	0	0	0	0
TASK1 MT OR # FISH	20	79	167	264	11	25	41	2	0	3	7
# FISH(ORIG.REC)	530.0	530.0	530.0	530.0	64.00	64.00	64.00	64.00	12.00	12.00	12.00
MT(ORIGINAL REC)	94.00	94.00	94.00	94.00	11.00	11.00	11.00	11.00	1.000	1.000	1.000
RAISING FACTOR	.4000E-01	.1500	.3200	.5000	.1700	.3900	.6400	.3000E-01	0.	.2500	.5800
MEAN LENGTH (CM)	216.3	216.3	216.3	216.3	218.5	218.5	218.5	218.5	196.6	196.6	196.6
MEAN WEIGHT (KG)	179.0	179.0	179.0	179.0	181.5	181.5	181.5	181.5	136.1	136.1	136.1

AREA EAST
COUNTRY JAPAN
GEAR LL

	YEAR										
YEAR	69	70	70	70	70	71	71	71	71	72	72
YEAR QUARTER	4	1	2	3	4	1	2	3	4	1	2
98.0- 99.9	0	0	0	0	0	0	0	0	0	0	4
100.0-101.9	0	0	0	0	0	0	0	0	0	0	0
102.0-103.9	0	0	0	0	0	0	0	0	1	1	0
104.0-105.9	0	0	0	0	0	0	0	0	1	3	0
106.0-107.9	0	0	0	0	0	0	0	1	0	1	0
108.0-109.9	0	0	0	0	0	0	0	1	0	0	0
110.0-111.9	0	0	0	0	0	0	0	1	0	0	0
136.0-137.9	0	0	0	0	0	0	0	0	0	0	0
138.0-139.9	0	0	1	0	0	0	0	0	0	0	0
140.0-141.9	0	0	1	0	0	0	0	0	0	0	1
144.0-145.9	0	0	0	0	0	0	0	0	0	10	0
146.0-147.9	0	0	1	0	0	0	0	0	0	74	0
148.0-149.9	0	0	1	0	0	0	4	0	0	0	0
150.0-151.9	0	0	1	0	0	0	3	0	0	0	0
152.0-153.9	0	0	1	0	0	0	0	0	0	0	0
154.0-155.9	0	0	0	0	0	0	0	0	0	5	1
156.0-157.9	0	0	0	0	0	0	5	0	0	0	3
158.0-159.9	0	0	0	0	0	1	9	0	0	0	0
164.0-165.9	0	0	0	0	0	0	6	0	0	0	4
166.0-167.9	0	0	0	0	0	1	9	0	0	0	0
168.0-169.9	0	1	3	0	0	3	35	0	0	0	0
170.0-171.9	0	0	2	0	0	2	23	0	0	0	0
172.0-173.9	0	0	1	0	0	1	12	0	0	5	8
174.0-175.9	0	0	1	0	0	0	2	0	0	0	4
176.0-177.9	0	0	2	0	0	1	8	0	0	5	4
178.0-179.9	0	1	4	0	0	1	6	0	0	0	0
180.0-181.9	0	1	3	0	0	1	7	0	0	5	8
182.0-183.9	0	1	6	0	0	0	3	0	0	0	4
184.0-185.9	0	2	7	0	0	1	18	0	0	0	12
186.0-187.9	0	2	8	0	0	0	2	0	3	0	28
188.0-189.9	0	1	6	0	0	1	9	0	0	0	9
190.0-191.9	0	1	5	0	0	3	44	0	0	6	17
192.0-193.9	0	1	4	0	0	1	7	0	0	5	13
194.0-195.9	0	1	3	0	0	1	17	0	0	11	40
196.0-197.9	0	0	0	0	0	1	7	0	5	4	34
198.0-199.9	0	1	3	0	0	1	23	0	3	0	26
200.0-201.9	0	1	6	0	0	0	0	0	0	18	17
202.0-203.9	0	1	5	0	0	1	18	0	3	8	35
204.0-205.9	0	1	3	0	0	0	0	0	6	25	14
206.0-207.9	0	1	3	0	0	3	42	0	6	0	3
208.0-209.9	0	1	4	0	0	2	36	0	7	0	14
210.0-211.9	0	0	0	0	0	3	56	0	5	7	3
212.0-213.9	0	0	1	0	0	1	15	0	6	8	1
214.0-215.9	0	0	0	0	0	2	21	0	12	13	5
216.0-217.9	0	0	1	0	0	1	11	0	9	2	8
218.0-219.9	0	0	0	0	0	1	12	0	7	5	4
220.0-221.9	0	0	0	0	0	1	25	0	12	2	8
222.0-223.9	0	0	0	0	0	1	12	0	16	8	11
224.0-225.9	0	0	1	0	0	1	6	0	4	5	14
226.0-227.9	0	0	2	0	0	0	0	0	5	7	1
228.0-229.9	0	0	1	0	0	0	0	0	9	8	16
230.0-231.9	0	1	3	0	0	0	0	0	4	8	13
232.0-233.9	0	0	1	0	0	1	7	0	5	3	22
234.0-235.9	0	0	0	0	0	1	11	0	7	0	13
236.0-237.9	0	0	0	0	0	1	11	0	12	0	6
238.0-239.9	0	0	0	0	0	0	0	0	3	0	11
240.0-241.9	0	0	0	0	0	0	0	0	4	0	0
242.0-243.9	0	0	0	0	0	0	0	0	4	6	4
244.0-245.9	0	0	0	0	0	0	0	0	8	4	8
246.0-247.9	0	0	0	0	0	0	0	0	3	0	0
248.0-249.9	0	1	3	0	0	1	11	0	3	0	5
250.0-251.9	0	0	0	0	0	0	0	0	7	8	7
252.0-253.9	0	0	0	0	0	0	0	0	3	3	0
254.0-255.9	0	0	0	0	0	0	0	0	0	5	4
256.0-257.9	0	0	0	0	0	0	0	0	2	0	7
258.0-259.9	0	0	1	0	0	0	0	0	3	0	0
260.0-261.9	0	0	0	0	0	0	0	0	3	0	0
262.0-263.9	0	0	0	0	0	0	0	0	13	0	2
264.0-265.9	0	0	0	0	0	0	0	0	14	5	3
TOTAL # FISH	1	20	100	4	0	37	555	2	218	293	483

TOTAL CATCH(MT)		0	2	13	0	0	5	78	0	45	39	77
TASK1 MT OR # FISH		2	21	101	5	0	37	555	2	218	293	483
# FISH(ORIG.REC)	12.00	127.0	127.0	127.0	127.0	37.02	555.0	2.960	218.0	294.0	484.0	
MT(ORIGINAL REC)	1.000	16.00	16.00	16.00	16.00	5.052	78.62	.1815	45.99	39.88	77.10	
RAISING FACTOR	.1700	.1700	.8000	.4000E-01	0.	1.000	1.000	1.000	1.000	1.000	1.000	
MEAN LENGTH (CM)	196.6	195.3	195.3	195.3	195.3	197.0	199.6	138.0	229.2	192.2	207.4	
MEAN WEIGHT (KG)	136.1	133.4	133.4	133.4	133.4	136.5	141.7	61.33	211.0	135.6	159.3	

AREA EAST
COUNTRY JAPAN
YEAR LL

YEAR

YEAR	72	72	73	73	73	74	74	74	74	75	75
QUARTER	3	4	1	2	4	1	2	3	4	1	2
64.0- 65.9	0	4	0	0	0	0	0	0	0	0	0
70.0- 71.9	0	0	0	0	0	0	0	249	0	0	0
72.0- 73.9	0	0	0	0	0	1	2	0	1	3	6
74.0- 75.9	0	0	0	0	0	1	2	0	1	3	6
78.0- 79.9	0	0	0	0	0	1	2	0	1	11	31
90.0- 91.9	0	0	0	0	0	0	0	249	0	0	2
94.0- 95.9	0	0	0	0	0	1	2	499	1	3	6
96.0- 97.9	0	0	0	0	0	1	2	499	1	3	6
98.0- 99.9	1	0	0	0	0	1	2	0	1	3	8
100.0-101.9	0	0	0	0	0	0	0	249	0	0	0
102.0-103.9	0	0	0	0	0	0	0	249	0	0	0
104.0-105.9	1	0	0	0	0	0	0	249	0	0	2
106.0-107.9	0	0	0	0	0	0	0	249	0	0	2
108.0-109.9	0	0	0	0	0	1	2	250	1	3	10
110.0-111.9	0	0	0	0	0	1	2	250	1	3	8
112.0-113.9	0	0	0	0	0	0	0	0	0	0	2
114.0-115.9	0	0	0	0	0	2	5	500	4	10	23
116.0-117.9	0	0	0	0	0	3	11	2	8	19	41
118.0-119.9	0	0	0	0	0	0	0	249	0	0	2
120.0-121.9	0	0	0	0	0	2	5	1	4	10	25
122.0-123.9	0	0	0	0	0	1	2	0	1	3	12
124.0-125.9	0	0	0	0	0	0	0	0	0	0	13
126.0-127.9	0	0	0	0	0	0	0	997	0	0	0
128.0-129.9	0	0	0	0	0	1	4	1	3	6	15
130.0-131.9	0	0	0	0	0	1	2	250	1	3	14
132.0-133.9	0	0	0	0	0	0	0	249	0	0	0
134.0-135.9	0	0	0	0	0	0	0	0	0	0	4
136.0-137.9	0	0	0	0	0	0	0	0	0	8	27
138.0-139.9	0	0	0	0	0	1	2	250	1	3	8
140.0-141.9	0	0	0	0	0	0	0	997	0	0	0
142.0-143.9	0	0	0	0	0	1	2	0	1	3	6
144.0-145.9	0	0	0	0	0	1	4	499	3	6	15
146.0-147.9	0	0	0	0	0	1	2	250	1	3	6
148.0-149.9	0	0	0	0	0	3	9	251	7	16	32
150.0-151.9	0	4	0	0	0	2	5	1	4	10	19
152.0-153.9	0	0	0	0	0	1	4	748	3	14	38
154.0-155.9	0	0	0	0	0	0	0	0	0	0	0
156.0-157.9	2	0	0	0	0	1	2	499	1	3	6
158.0-159.9	1	0	0	0	0	1	2	499	1	3	6
160.0-161.9	1	0	0	0	0	1	2	250	1	3	6
162.0-163.9	0	0	0	0	0	0	0	748	0	0	0
164.0-165.9	1	0	0	0	0	1	4	1	3	21	62
166.0-167.9	0	0	0	0	0	1	2	250	1	3	6
168.0-169.9	0	0	0	0	0	2	7	1	5	13	28
170.0-171.9	0	0	0	0	0	1	2	0	1	11	31
172.0-173.9	2	4	0	0	0	0	0	0	0	0	0
174.0-175.9	1	0	0	0	0	1	2	0	1	3	6
176.0-177.9	2	0	0	0	0	1	4	1	3	6	13
178.0-179.9	1	0	0	0	0	2	5	1	4	10	19
180.0-181.9	1	0	0	0	0	2	5	500	4	10	19
182.0-183.9	2	0	0	0	0	1	4	1	3	14	38
184.0-185.9	3	4	0	0	0	2	5	1	4	25	69
186.0-187.9	9	0	0	0	0	3	9	2	7	23	57
188.0-189.9	2	0	0	0	0	5	16	3	12	29	91
190.0-191.9	5	0	0	0	0	1	4	1	3	6	13
192.0-193.9	2	0	0	0	0	1	4	1	3	6	13
194.0-195.9	8	0	0	0	0	4	13	3	9	22	45
196.0-197.9	7	0	0	0	0	4	13	3	9	22	45
198.0-199.9	5	0	0	0	0	11	36	256	27	63	129
200.0-201.9	4	0	0	0	0	7	23	5	17	41	84
202.0-203.9	7	0	0	0	0	5	14	3	11	33	76
204.0-205.9	2	0	0	0	0	14	43	9	32	76	155
206.0-207.9	2	0	0	0	0	15	49	10	36	86	174
208.0-209.9	3	0	0	0	0	36	113	23	84	200	407
210.0-211.9	0	0	0	0	0	18	58	12	43	102	207
212.0-213.9	0	0	0	0	0	18	56	11	41	98	200
214.0-215.9	1	0	0	0	0	39	122	25	90	216	439
216.0-217.9	1	0	0	0	0	38	120	24	89	213	435
218.0-219.9	1	0	0	0	0	74	234	47	173	413	840
220.0-221.9	1	0	28	110	0	46	146	29	108	260	548
222.0-223.9	2	0	0	0	0	39	124	25	92	219	446
224.0-225.9	2	0	0	0	0	52	165	33	122	292	594
226.0-227.9	0	0	0	0	0	47	147	30	109	260	530
228.0-229.9	3	0	0	0	0	72	228	46	169	403	820
230.0-231.9	2	0	0	0	0	51	160	32	118	282	575
232.0-233.9	4	4	0	0	0	26	83	17	61	146	297
234.0-235.9	2	0	0	0	0	63	198	40	146	349	711
236.0-237.9	1	0	0	0	0	47	149	30	110	263	536
238.0-239.9	2	0	0	0	0	57	180	36	133	317	646
240.0-241.9	0	0	0	0	7	75	169	33	127	238	484
242.0-243.9	1	0	0	0	7	64	136	26	103	181	368
244.0-245.9	1	0	0	0	0	51	162	33	120	286	581
246.0-247.9	0	0	0	0	0	31	97	20	72	171	349
248.0-249.9	1	0	0	0	0	36	115	23	85	203	413
250.0-251.9	1	0	0	0	0	23	74	15	55	130	265
252.0-253.9	0	0	0	0	1	23	63	13	47	112	236
254.0-255.9	1	0	0	0	6	47	91	17	69	108	220
256.0-257.9	1	0	0	0	0	14	43	9	32	76	155
258.0-259.9	0	0	28	110	0	17	54	11	40	95	194
260.0-261.9	0	0	0	0	0	19	59	12	44	105	213
262.0-263.9	0	0	0	0	0	10	31	6	23	54	110
264.0-265.9	0	0	0	0	0	16	52	10	39	92	187
266.0-267.9	0	0	0	0	0	11	36	7	27	63	129
268.0-269.9	0	0	0	0	0	14	43	9	32	76	155
270.0-271.9	0	0	0	0	0	16	52	10	39	92	187
272.0-273.9	0	0	0	0	0	7	23	5	17	41	84
274.0-275.9	0	0	0	0	0	6	18	4	13	32	65
276.0-277.9	0	0	0	0	0	6	20	4	15	35	71

278.0-279.9	0	0	0	0	0	2	7	1	5	15	[illegible]
280.0-281.9	0	0	0	0	0	2	5	1	4	10	[illegible]
282.0-283.9	0	0	0	0	0	2	5	1	4	10	[illegible]
284.0-285.9	0	0	0	0	0	1	2	0	1	3	[illegible]
286.0-289.9	0	0	0	0	0	2	5	1	4	10	[illegible]
290.0-291.9	0	0	0	0	0	1	4	1	3	6	13
300.0-301.9	0	0	0	0	0	1	2	0	1	3	[illegible]
304.0-305.9	0	0	0	0	0	1	2	0	1	3	[illegible]
TOTAL # FISH	105	20	56	219	20	1326	3993	12013	2960	6965	14399

TOTAL CATCH(MT)	15	1	13	52	5	289	866	723	642	1494	3066
TAGKI MT OR # FISH	105	20	56	219	20	1326	3993	12013	2960	6965	14399
# FISH(ORIG.REC)	106.0	20.00	56.00	219.0	20.01	1326.	3994.	.1201E+05	2960.	6966.	.1440E+05
MT(ORIGINAL REC)	15.86	1.930	13.35	52.22	5.062	290.70	866.3	723.1	642.4	1494.	3060.
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	202.6	161.4	240.0	240.0	246.3	232.2	233.5	141.1	231.5	230.3	229.3
MEAN WEIGHT (KG)	149.7	96.52	238.4	238.4	253.8	219.7	228.6	67.18	217.8	214.5	212.5

AREA EAST
COUNTRY JAPAN
GEAR LL

	YEAR										
YEAR	75	75	76	76	76	76	77	77	77	77	78
QUARTER	3	4	1	2	3	4	1	2	3	4	1
64.0- 65.9	0	0	0	4	0	0	0	0	0	0	0
66.0- 69.9	8	0	0	0	0	0	0	0	0	0	0
70.0- 71.9	11	0	0	0	0	0	0	0	0	0	0
72.0- 73.9	3	0	0	0	0	0	0	0	0	0	0
74.0- 75.9	16	0	0	6	0	0	0	11	1	0	0
76.0- 77.9	0	0	0	3	0	0	0	5	1	0	0
78.0- 79.9	21	0	0	0	0	0	0	0	0	0	0
80.0- 81.9	21	0	0	0	0	0	0	0	0	0	0
82.0- 83.9	16	0	0	0	0	0	0	0	0	0	0
84.0- 85.9	13	0	0	4	0	0	0	0	0	0	0
86.0- 87.9	8	0	0	0	0	0	0	0	0	0	0
88.0- 89.9	40	0	0	0	0	0	0	0	0	0	0
90.0- 91.9	8	0	0	0	0	0	0	0	0	0	0
92.0- 93.9	8	0	0	0	0	0	0	0	0	0	0
94.0- 95.9	13	0	0	9	62	0	0	11	1	0	0
96.0- 97.9	5	0	0	6	0	0	0	11	1	0	0
98.0- 99.9	11	0	0	0	0	0	0	7	0	0	0
100.0-101.9	13	0	0	0	0	0	0	0	0	0	0
102.0-103.9	8	0	0	0	0	0	0	0	0	0	0
104.0-105.9	16	0	0	0	0	0	0	0	0	0	0
106.0-107.9	20	0	0	0	21	0	0	0	0	0	0
108.0-109.9	16	0	0	3	0	0	0	5	1	0	0
110.0-111.9	5	0	0	0	0	0	0	0	0	0	0
112.0-113.9	16	0	0	0	0	0	0	0	0	0	0
114.0-115.9	29	0	0	3	0	0	0	5	1	0	0
116.0-117.9	58	0	0	0	0	0	0	7	0	0	0
118.0-119.9	135	0	0	3	0	0	0	13	1	0	0
120.0-121.9	151	0	0	0	0	0	0	0	0	0	0
122.0-123.9	122	0	0	3	0	0	0	5	1	0	0
124.0-125.9	69	0	0	3	0	0	0	5	1	0	0
126.0-127.9	80	0	0	4	0	0	0	0	0	0	0
128.0-129.9	135	0	4	8	0	0	0	5	1	0	0
130.0-131.9	159	0	0	0	0	0	0	0	0	0	0
132.0-133.9	85	0	0	6	0	0	0	0	0	0	0
134.0-135.9	58	0	4	0	0	0	11	7	0	0	0
136.0-137.9	32	0	0	3	0	0	0	5	1	0	0
138.0-139.9	56	0	4	6	0	0	0	7	0	0	0
140.0-141.9	77	0	0	6	0	0	0	0	0	0	0
142.0-143.9	87	0	0	0	0	0	11	7	2	0	0
144.0-145.9	42	0	0	6	0	0	0	0	0	0	0
146.0-147.9	66	0	0	9	0	0	11	7	0	0	0
148.0-149.9	93	0	4	22	0	0	43	29	2	3	0
150.0-151.9	66	0	0	11	0	0	0	0	0	0	0
152.0-153.9	66	0	0	6	0	0	43	22	0	2	0
154.0-155.9	93	0	0	0	21	0	0	15	0	0	0
156.0-157.9	50	0	0	0	51	0	11	29	0	0	0
158.0-159.9	32	0	0	4	0	0	21	44	0	0	0
160.0-161.9	45	0	0	0	25	0	11	22	2	0	187
162.0-163.9	13	0	0	6	21	0	11	44	0	0	0
164.0-165.9	27	0	0	6	0	0	44	34	0	0	0
166.0-167.9	48	0	0	6	0	0	0	36	0	0	0
168.0-169.9	40	0	0	6	0	0	21	80	4	0	0
170.0-171.9	45	0	0	17	0	0	43	51	0	0	0
172.0-173.9	21	0	0	14	0	0	0	85	1	0	0
174.0-175.9	42	0	0	18	0	0	11	73	2	0	0

176.0-177.9	21	0	0	6	0	0	11	153	2	0	0
178.0-179.9	29	8	0	11	0	0	33	99	0	0	0
180.0-181.9	27	0	0	0	0	0	11	44	2	0	0
182.0-183.9	5	0	0	28	0	0	21	124	0	0	0
184.0-185.9	11	0	11	22	0	0	0	58	4	0	0
186.0-187.9	3	0	0	11	0	0	11	240	8	0	0
188.0-189.9	22	0	28	22	25	0	0	204	4	0	0
190.0-191.9	8	0	11	17	0	0	0	138	4	0	0
192.0-193.9	5	0	0	22	0	0	32	211	4	0	0
194.0-195.9	25	8	11	30	25	0	53	246	2	0	0
196.0-197.9	3	8	4	28	0	1	11	240	0	0	0
198.0-199.9	11	0	21	77	0	0	11	146	0	1	187
200.0-201.9	0	0	11	26	0	0	11	102	2	0	0
202.0-203.9	11	0	11	44	62	0	21	240	2	1	0
204.0-205.9	17	14	5	44	21	0	21	146	2	0	0
206.0-207.9	0	0	0	88	67	0	1	289	8	0	0
208.0-209.9	26	16	35	176	21	0	43	240	0	0	46
210.0-211.9	14	0	4	81	0	0	11	138	2	0	0
212.0-213.9	35	0	4	39	0	0	11	233	4	0	0
214.0-215.9	59	8	29	125	103	0	32	328	0	1	0
216.0-217.9	25	0	4	99	62	0	0	375	1	0	0
218.0-219.9	96	8	25	271	145	0	11	202	6	3	0
220.0-221.9	71	0	32	150	21	0	0	166	6	0	0
222.0-223.9	34	8	26	158	62	0	0	215	17	2	0
224.0-225.9	51	0	54	290	62	0	11	271	23	1	0
226.0-227.9	54	0	14	221	0	0	11	229	30	3	0
228.0-229.9	75	0	49	276	103	0	11	233	19	1	0
230.0-231.9	16	0	36	213	62	0	11	171	36	2	0
232.0-233.9	40	0	43	254	21	0	21	246	26	6	187
234.0-235.9	82	8	97	518	41	0	0	240	23	8	0
236.0-237.9	25	0	22	314	21	0	0	87	25	17	0
238.0-239.9	68	24	54	440	41	1357	11	217	41	3	0
240.0-241.9	22	0	33	334	62	0	0	93	35	19	0
242.0-243.9	14	6	74	282	21	0	11	107	26	7	0
244.0-245.9	3	0	115	432	21	0	21	144	51	40	0
246.0-247.9	27	0	93	281	0	0	0	51	25	53	0
248.0-249.9	0	0	54	171	21	0	0	175	50	80	0
250.0-251.9	0	8	89	265	21	0	0	44	23	48	0
252.0-253.9	12	0	87	160	0	0	0	29	48	68	0
254.0-255.9	12	8	32	171	0	0	0	87	23	23	0
256.0-257.9	35	0	46	72	0	0	0	18	9	18	0
258.0-259.9	27	6	43	110	0	0	0	109	12	39	0
260.0-261.9	14	0	65	83	0	0	0	7	17	24	0
262.0-263.9	12	0	32	173	0	0	0	0	8	14	0
264.0-265.9	0	0	39	132	0	0	0	29	6	2	0
266.0-267.9	0	0	32	61	0	0	0	0	4	2	0
268.0-269.9	0	8	32	55	0	0	0	44	6	2	0
270.0-271.9	0	0	14	41	0	0	0	13	2	2	0
272.0-273.9	0	0	18	61	0	0	0	0	0	0	0
274.0-275.9	0	6	14	22	0	0	0	0	0	0	0
276.0-277.9	0	0	7	33	0	0	0	0	0	0	0
278.0-279.9	0	0	8	17	0	0	0	15	0	0	187
280.0-281.9	0	0	0	6	0	0	0	0	0	0	0
282.0-283.9	0	0	14	33	0	0	0	0	0	0	0
284.0-285.9	0	0	7	11	0	0	0	0	0	0	0
286.0-287.9	0	0	0	11	0	0	0	0	0	0	0
288.0-289.9	0	0	11	17	0	0	0	7	0	0	187
290.0-291.9	0	0	0	6	0	0	0	0	0	0	0
292.0-293.9	0	0	0	11	0	0	0	0	0	0	0
294.0-295.9	0	0	0	6	0	0	0	0	0	0	0
296.0-299.9	0	0	5	0	0	0	0	0	0	0	0
304.0-305.9	0	0	0	0	0	0	0	0	0	0	187
328.0-329.9	0	0	0	4	0	0	0	0	0	0	0
TOTAL # FISH	3567	155	1617	7358	1307	1358	748	7929	666	495	1166

TOTAL CATCH(MT)	334	32	394	1653	220	314	92	1336	152	129	316
TASK1 MT OR # FISH	3567	155	1617	7358	1307	1358	748	7929	666	495	1166
# FISH(ORIG.REC)	3568.	155.1	1618.	7359.	1308.	1358.	748.0	7930.	667.0	496.0	1166.
MT(ORIGINAL REC)	334.2	32.06	394.2	1654.	221.0	314.4	92.16	1337.	152.7	129.7	316.9
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	162.3	227.2	241.3	234.2	209.1	239.0	188.2	211.0	236.0	248.6	242.9
MEAN WEIGHT (KG)	93.67	206.8	243.7	224.7	168.9	231.5	123.2	168.6	229.0	261.6	271.8

AREA EAST
COUNTRY JAPAN
GEAR LL

YEAR	78	78	78	79	79	79	79	80	80	80	80
QUARTER	2	3	4	1	2	3	4	1	2	3	4
76.0- 79.9	0	0	0	2	0	0	0	0	0	0	0
80.0- 81.9	0	0	0	0	0	1	0	0	0	0	0
84.0- 85.9	0	0	0	0	0	0	0	0	0	0	0
88.0- 89.9	0	0	0	0	9	0	0	0	6	0	0
94.0- 95.9	0	0	0	0	3	0	0	0	6	0	0
96.0- 97.9	0	0	0	0	0	0	0	0	11	0	0
98.0- 99.9	12	0	0	0	10	0	0	0	23	0	0
100.0-101.9	0	0	0	0	3	0	0	0	0	0	0
102.0-103.9	0	0	0	0	0	0	0	0	6	0	0
104.0-105.9	0	0	0	0	3	0	0	0	11	0	0
108.0-109.9	0	0	0	0	2	0	0	0	11	0	0
110.0-111.9	0	0	0	0	3	0	0	0	0	0	1
112.0-113.9	0	0	0	0	3	0	0	0	0	0	0
114.0-115.9	0	0	0	2	13	0	0	0	6	0	1
116.0-117.9	0	0	0	0	2	0	0	0	6	0	1
118.0-119.9	50	0	0	0	9	0	0	0	17	0	1
120.0-121.9	0	0	0	0	5	0	0	0	0	0	0
124.0-125.9	12	0	0	2	0	0	0	0	0	0	0
126.0-127.9	0	0	0	0	10	4	0	0	0	0	0
128.0-129.9	37	0	0	0	19	4	0	0	0	0	1
130.0-131.9	0	0	0	0	0	0	0	0	0	0	1
132.0-133.9	0	0	0	2	0	0	0	0	0	0	1
134.0-135.9	12	0	0	0	2	0	0	0	0	0	2
136.0-137.9	50	0	0	0	2	4	0	0	6	0	1
138.0-139.9	37	0	0	0	26	0	0	0	6	0	1
140.0-141.9	0	0	0	0	5	0	0	0	28	1	1
142.0-143.9	0	0	0	0	0	17	0	0	23	0	1
144.0-145.9	12	0	0	0	26	29	0	0	28	0	1
146.0-147.9	12	0	0	0	52	12	0	0	6	0	0
148.0-149.9	74	0	0	20	130	33	0	0	23	0	3
150.0-151.9	37	0	0	0	0	4	0	0	0	0	1
152.0-153.9	0	0	0	0	62	21	0	0	6	0	0
154.0-155.9	0	0	0	0	71	25	0	0	28	0	4
156.0-157.9	0	0	0	0	133	37	0	0	17	1	1
158.0-159.9	25	0	1	30	400	25	0	18	40	0	5
160.0-161.9	28	0	0	0	12	4	0	18	17	0	5
162.0-163.9	0	0	0	0	29	25	0	0	57	0	1
164.0-165.9	0	0	0	10	138	17	0	9	29	0	4
166.0-167.9	0	0	0	0	186	12	0	0	34	0	7
168.0-169.9	37	0	0	35	364	46	0	0	28	0	5
170.0-171.9	0	0	0	0	38	29	0	0	35	0	2
172.0-173.9	0	0	0	0	55	25	0	0	51	0	6
174.0-175.9	0	0	0	4	465	25	0	0	113	0	14
176.0-177.9	0	0	0	4	345	4	0	0	62	1	6
178.0-179.9	37	0	0	66	525	17	0	9	57	0	10
180.0-181.9	0	0	0	0	34	1	0	0	40	1	4
182.0-183.9	0	0	0	0	97	0	0	9	29	0	4
184.0-185.9	12	0	0	39	437	12	0	9	80	0	10
186.0-187.9	0	0	0	4	138	0	0	9	35	0	5
188.0-189.9	0	0	0	47	558	17	0	36	51	0	9
190.0-191.9	0	0	0	2	78	0	0	18	23	2	2
192.0-193.9	0	0	0	10	95	4	0	27	45	0	1
194.0-195.9	0	0	0	35	209	1	0	70	46	2	6
196.0-197.9	0	0	0	0	78	0	0	0	34	0	4
198.0-199.9	28	0	0	84	337	0	0	97	192	0	4
200.0-201.9	0	0	0	0	17	0	0	0	28	0	0
202.0-203.9	0	0	0	0	0	0	0	0	56	0	1
204.0-205.9	0	0	0	2	35	0	0	0	29	0	0
206.0-207.9	0	0	0	0	9	0	0	0	56	2	0
208.0-209.9	25	0	0	65	64	0	0	110	203	2	5
210.0-211.9	0	0	0	0	0	0	0	0	28	1	1
212.0-213.9	0	0	0	0	0	0	0	0	23	1	0
214.0-215.9	0	0	0	2	10	0	0	18	175	1	1
216.0-217.9	0	0	0	0	2	0	0	0	124	1	1
218.0-219.9	0	1	0	4	10	0	0	52	356	0	1
220.0-221.9	0	0	0	0	0	0	0	0	40	0	0
222.0-223.9	0	0	0	0	0	0	0	0	51	0	0
224.0-225.9	0	1	0	0	0	0	0	31	198	0	2
226.0-227.9	0	0	0	0	0	0	0	0	62	1	0
228.0-229.9	25	0	0	10	0	0	0	9	79	0	1
230.0-231.9	0	0	0	0	0	0	0	0	17	0	1
232.0-233.9	28	0	0	0	0	0	0	0	23	0	0
234.0-235.9	0	0	0	0	2	0	0	0	102	0	1
236.0-237.9	0	0	0	0	0	0	0	0	28	0	1
238.0-239.9	0	0	0	0	0	0	0	0	63	0	0
240.0-241.9	0	0	0	0	2	0	0	0	6	0	0
242.0-243.9	0	0	0	0	0	0	1	0	28	0	0
244.0-245.9	0	0	0	0	2	0	0	0	11	0	0
246.0-247.9	1513	0	0	0	0	0	0	0	11	0	0
248.0-249.9	12	0	0	0	2	0	0	0	11	0	2
250.0-251.9	0	0	0	0	0	0	0	0	6	0	1
252.0-253.9	0	0	0	0	0	0	0	0	17	0	1
254.0-255.9	0	0	0	0	0	0	0	0	0	0	0
256.0-257.9	0	0	0	0	2	0	0	0	0	0	0
258.0-259.9	0	0	0	0	3	0	0	0	6	0	0
260.0-261.9	0	0	0	0	2	0	0	0	6	0	0
262.0-263.9	0	0	0	0	0	0	0	0	6	0	0
264.0-265.9	0	0	0	0	0	0	0	0	6	0	0
266.0-267.9	0	0	0	0	2	0	0	0	0	0	0
270.0-271.9	0	0	0	0	0	0	0	0	6	0	0
272.0-273.9	0	0	0	0	2	0	0	0	0	0	0
276.0-277.9	0	0	0	0	0	0	0	0	6	0	0
278.0-279.9	28	0	0	0	0	0	0	0	6	0	0
284.0-285.9	0	0	0	0	0	1	0	0	0	0	0
288.0-289.9	28	0	0	0	0	0	0	0	0	0	0
304.0-305.9	28	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	2201	1	2	482	5382	454	1	550	3242	19	156
TOTAL CATCH(MT)	470	0	0	56	535	34	0	76	481	2	16
TASK1 MT OR # FISH	2201	1	2	482	5382	454	1	550	3242	19	156
# FISH(ORIG.REC)	2202.	1.000	2.000	483.0	5382.	454.0	1.000	550.0	3242.	19.04	156.1
MT(ORIGINAL REC)	470.4	.1871	.1807	56.14	535.3	34.90	.2430	76.81	481.2	2.586	16.52
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	225.0	222.0	170.6	186.5	177.0	162.2	243.0	199.5	200.7	196.7	179.4
MEAN WEIGHT (KG)	213.6	187.1	90.37	116.2	99.46	76.87	243.0	139.7	148.4	135.8	105.9

AREA EAST
COUNTRY JAPAN
GEAR LL

	YEAR			
YEAR	81	81	81	81
QUARTER	1	2	3	4
92.0- 93.9	0	0	0	1
96.0- 97.9	0	0	0	1
60.0- 61.9	0	1	0	0
62.0- 63.9	0	0	0	1
68.0- 69.9	0	0	0	1
74.0- 75.9	0	1	0	2
76.0- 77.9	0	1	0	5
78.0- 79.9	5	0	0	1
80.0- 81.9	0	1	0	1
84.0- 85.9	0	0	0	1
86.0- 89.9	0	0	0	1
92.0- 93.9	0	1	0	1
102.0-103.9	0	6	0	1
110.0-111.9	2	0	0	0
112.0-113.9	3	1	0	1
116.0-117.9	0	2	0	4
118.0-119.9	3	0	0	0
120.0-121.9	5	0	0	0
122.0-123.9	0	0	0	1
124.0-125.9	8	0	0	0
126.0-127.9	2	1	0	3
128.0-129.9	3	0	0	0
130.0-131.9	2	0	0	1
132.0-133.9	3	0	0	0
136.0-137.9	2	0	0	0
138.0-139.9	0	5	0	0
140.0-141.9	3	0	0	0
142.0-143.9	2	5	0	0
148.0-149.9	2	0	0	0
150.0-151.9	11	11	0	0
152.0-153.9	5	5	0	0
154.0-155.9	2	0	0	0
156.0-157.9	0	11	0	0
158.0-159.9	16	27	0	0
160.0-161.9	9	0	0	0
162.0-163.9	14	5	0	0
164.0-165.9	19	0	0	0
166.0-167.9	8	11	0	0
168.0-169.9	19	53	0	0
170.0-171.9	12	21	0	0
172.0-173.9	9	43	0	0
174.0-175.9	36	32	0	0
176.0-177.9	30	37	0	0
178.0-179.9	52	102	0	0
180.0-181.9	41	21	0	0
182.0-183.9	38	81	0	0
184.0-185.9	26	86	0	1
186.0-187.9	30	21	0	0
188.0-189.9	30	91	0	0
190.0-191.9	28	85	0	0
192.0-193.9	18	27	0	0
194.0-195.9	26	37	0	0
196.0-197.9	30	48	0	1
198.0-199.9	7	59	0	0
200.0-201.9	12	48	0	0
202.0-203.9	5	11	0	0
204.0-205.9	12	75	0	0
206.0-207.9	12	53	0	0
208.0-209.9	12	101	0	0
210.0-211.9	11	96	0	0
212.0-213.9	9	43	0	0
214.0-215.9	23	43	0	0
216.0-217.9	14	75	0	0
218.0-219.9	22	118	0	1
220.0-221.9	5	37	0	0
222.0-223.9	3	59	0	1
224.0-225.9	9	80	0	0
226.0-227.9	2	48	0	0
228.0-229.9	3	59	0	0
230.0-231.9	12	17	0	1
232.0-233.9	2	27	0	1
234.0-235.9	8	37	1	0
236.0-237.9	5	32	0	0
238.0-239.9	2	43	0	0
240.0-241.9	2	16	0	0
242.0-243.9	2	37	0	0
244.0-245.9	3	37	0	0
246.0-247.9	7	32	0	0
248.0-249.9	2	21	0	0
250.0-251.9	2	16	0	0
252.0-253.9	2	16	0	0
254.0-255.9	0	5	0	0
256.0-257.9	2	27	0	0
258.0-259.9	0	48	0	0
260.0-261.9	2	16	0	0
262.0-263.9	0	37	0	0
264.0-265.9	0	21	0	0
266.0-267.9	0	48	0	0
268.0-269.9	2	11	0	0
270.0-271.9	2	5	0	0
272.0-273.9	0	11	0	0
274.0-275.9	0	5	0	0
276.0-277.9	0	21	0	0
278.0-279.9	0	10	0	0
282.0-283.9	0	5	0	0
284.0-285.9	5	0	0	0
TOTAL # FISH	777	2466	1	33
TOTAL CATCH(MT)	96	423	0	1
TASK1 MT OR # FISH	777	2466	1	33
# FISH(ORIG.REC)	777.0	2466.	1.000	33.00
MT(ORIGINAL REC)	96.24	423.2	.2205	1.519
RAISING FACTOR	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	188.5	211.5	235.0	114.9
MEAN WEIGHT (KG)	123.9	171.6	220.5	46.03

AREA EAST
COUNTRY MAROC
GEAR PS

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	3
30.0- 34.9	2996	3924	2134	1860	2698	1188	2331	2686	594	689	0
40.0- 44.9	53934	70637	38410	33478	48578	21376	41949	48316	10687	15996	983
45.0- 49.9	464423	608267	330747	288284	418308	184060	361222	416065	92029	137943	6553
50.0- 54.9	92884	121654	66149	57658	83662	36812	72244	83214	18406	27598	28836
55.0- 59.9	0	0	0	0	0	0	0	0	0	0	19035
60.0- 64.9	11986	15697	8535	7440	10795	4750	9322	10738	2376	3555	28180
65.0- 69.9	14982	19621	10669	9299	13495	5938	11653	13424	2969	4444	13435
70.0- 74.9	47941	62788	34142	29758	43180	19000	37287	42950	9500	14219	3277
75.0- 79.9	35955	47091	25607	22320	32386	14250	27965	32213	7125	10664	0
80.0- 84.9	11986	15697	8535	7440	10795	4750	9322	10738	2376	3555	0
TOTAL # FISH	737086	965376	524927	457535	663896	292124	573294	660342	146060	218411	100268

TOTAL CATCH(MT)	2286	2994	1628	1419	2059	906	1778	2048	453	678	406
TASKI MT OR # FISH	2286	2994	1628	1419	2059	906	1778	2048	453	678	406
# FISH(ORIG.REC)	.4600E+06	.6000E+06	.3200E+06	.2800E+06	.4200E+06	.2140E+06	.3962E+06	.1018E+06	.1122E+06	.4222E+06	.1271E+06
MT(ORIGINAL REC)	1427.	1861.	992.4	868.4	1303.	663.7	1229.	315.7	348.0	1309.	514.6
RAISING FACTOR	1.600	1.610	1.640	1.630	1.580	1.370	1.450	6.490	1.300	.5200	.7900
MEAN LENGTH (CM)	52.01	52.01	52.01	52.01	52.01	52.01	52.01	52.01	52.01	52.01	58.50
MEAN WEIGHT (KG)	3.100	3.100	3.100	3.100	3.100	3.100	3.100	3.100	3.100	3.100	4.050

AREA EAST
COUNTRY MAROC
GEAR PS

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3	3
40.0- 44.9	73	1523	945	1429	6355	802	1604	87	499	376	255
45.0- 49.9	484	4569	13232	9523	42355	5343	10698	581	3326	2502	1695
50.0- 54.9	2130	28175	48204	41904	186365	23509	47070	2557	14631	11008	7457
55.0- 59.9	1404	26652	21739	27619	122832	15495	31023	1685	9643	7256	4916
60.0- 64.9	2082	23606	51986	40952	182130	22974	46000	2499	14299	10758	7287
65.0- 69.9	993	28936	2836	19523	86831	10954	21807	1191	6816	5129	3474
70.0- 74.9	242	7614	0	4762	21178	2671	5349	291	1662	1251	848
TOTAL # FISH	7408	121074	138942	145711	648044	81746	163549	8890	50876	38279	25931

TOTAL CATCH(MT)	30	531	512	590	2624	331	662	36	206	155	105
TASKI MT OR # FISH	30	531	512	590	2624	331	662	36	206	155	105
# FISH(ORIG.REC)	.1600E+05	.1180E+06	.1204E+06	.1369E+06	.2222E+06	.7422E+05	.1321E+06	6659.	.4444E+05	.3444E+05	.2333E+05
MT(ORIGINAL REC)	64.79	517.5	443.8	554.2	899.8	300.5	534.8	26.97	179.9	139.5	94.48
RAISING FACTOR	.4600	1.030	1.150	1.070	2.920	1.100	1.240	1.340	1.140	1.110	1.110
MEAN LENGTH (CM)	58.50	60.08	56.79	58.50	58.50	58.50	58.49	58.50	58.50	58.50	58.50
MEAN WEIGHT (KG)	4.050	4.390	3.680	4.050	4.050	4.050	4.050	4.050	4.050	4.050	4.050

AREA EAST
COUNTRY MAROC
GEAR TRAP

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	2	2	2
50.0- 54.9	0	0	0	0	0	0	0	0	0	0	0
55.0- 59.9	0	0	0	0	0	0	0	0	0	0	0
70.0- 74.9	0	0	0	0	0	0	0	0	0	0	0
75.0- 79.9	0	0	0	0	0	0	0	0	0	0	0
80.0- 84.9	0	0	0	0	0	0	0	0	0	0	0
105.0-109.9	0	0	0	0	0	31	8	0	0	0	0
110.0-114.9	59	0	16	0	0	31	0	0	0	0	0
115.0-119.9	140	8	0	0	0	0	8	0	0	0	0
120.0-124.9	69	0	37	14	0	31	21	9	0	0	0
125.0-129.9	26	15	66	57	35	46	21	0	3	0	0
130.0-134.9	57	19	52	57	0	31	8	0	0	0	2
135.0-139.9	235	11	163	27	76	0	59	47	0	0	2
140.0-144.9	342	77	395	27	128	31	251	31	11	0	2
145.0-149.9	418	197	644	72	6	80	151	47	3	0	0
150.0-154.9	645	314	612	157	128	192	123	101	15	1	3
155.0-159.9	850	276	523	141	56	111	151	170	50	1	7
160.0-164.9	948	234	163	57	133	161	233	233	55	3	10
165.0-169.9	527	69	288	42	87	213	242	210	55	0	21
170.0-174.9	1151	135	625	85	51	262	444	101	50	4	21
175.0-179.9	1573	301	1393	114	133	80	484	101	68	5	24
180.0-184.9	2376	690	2364	157	178	80	364	225	125	11	24
185.0-189.9	3056	1181	3194	213	178	80	454	264	73	17	73
190.0-194.9	3124	1595	3049	369	218	111	534	333	116	21	105
195.0-199.9	2865	1480	2944	910	248	163	585	474	125	20	163
200.0-204.9	2279	1284	2589	1723	599	213	422	598	191	14	193
205.0-209.9	2113	888	2307	2266	1224	213	284	668	317	17	174
210.0-214.9	1508	600	1987	2340	1800	506	404	498	368	24	206
215.0-219.9	1394	415	1608	1923	1964	558	614	319	427	28	102
220.0-224.9	1319	328	1069	1338	1876	1367	806	319	335	29	95
225.0-229.9	549	202	521	822	1440	1093	777	373	278	24	68
230.0-234.9	501	95	504	585	1060	1580	947	575	238	28	105
235.0-239.9	283	108	263	356	511	1170	686	536	209	25	89
240.0-244.9	373	43	183	213	446	880	543	634	151	20	56
245.0-249.9	101	38	60	85	218	404	284	458	155	16	39
250.0-254.9	0	8	22	42	75	175	137	295	92	10	35
255.0-259.9	0	0	22	42	46	111	30	80	68	5	30
260.0-264.9	0	0	14	28	0	50	7	31	21	6	16
265.0-269.9	0	0	8	14	0	0	0	15	0	1	8
270.0-274.9	51	0	0	0	0	0	0	0	3	0	3
275.0-279.9	0	0	0	0	0	0	0	0	0	0	1
TOTAL # FISH	28929	10569	27681	14275	12910	10054	10081	7742	3601	355	1691

TOTAL CATCH(MT)	3714	1377	3648	2318	2256	1882	1601	1331	635	59	286
TASK1 MT OR # FISH	3714	1377	3648	2318	2256	1882	1601	1331	635	59	286
# FISH(ORIG.REC)	.2446E+05	8917.	.2313E+05	.1386E+05	.1173E+05	9126.	9952.	7047.	3361.	256.0	1536.
MT(ORIGINAL REC)	3141.	1162.	3048.	2250.	2050.	1708.	1580.	1211.	592.6	42.45	259.8
RAISING FACTOR	1.180	1.180	1.200	1.030	1.100	1.100	1.010	1.100	1.070	1.390	1.100
MEAN LENGTH (CM)	192.4	194.2	194.6	209.9	215.2	219.0	206.0	212.2	215.2	203.6	212.3
MEAN WEIGHT (KG)	128.4	130.3	131.8	162.4	174.7	187.2	158.8	171.9	176.3	165.8	169.1

AREA EAST
COUNTRY MAROC
GEAR TRAP

YEAR	71	72	73	74	77
QUARTER	2	2	2	2	2
55.0- 59.9	0	0	0	0	8
65.0- 69.9	0	0	0	0	14
70.0- 74.9	0	0	0	0	4
105.0-109.9	0	7	0	0	0
110.0-114.9	0	7	0	0	0
125.0-129.9	0	4	0	0	0
130.0-134.9	0	0	0	0	4
145.0-149.9	1	4	0	0	0
150.0-154.9	0	4	0	0	0
155.0-159.9	0	7	0	0	0
160.0-164.9	0	7	0	0	0
165.0-169.9	1	11	0	0	0
170.0-174.9	1	4	0	0	0
175.0-179.9	1	25	0	0	0
180.0-184.9	2	7	0	1	4
185.0-189.9	3	14	0	1	8
190.0-194.9	12	14	0	1	10
195.0-199.9	8	21	0	1	14
200.0-204.9	18	11	0	1	22
205.0-209.9	14	25	1	2	25
210.0-214.9	22	49	2	3	60
215.0-219.9	17	64	1	3	75
220.0-224.9	18	53	1	3	49
225.0-229.9	20	64	0	3	71
230.0-234.9	14	60	0	4	110
235.0-239.9	32	64	0	4	110
240.0-244.9	17	49	0	3	117
245.0-249.9	27	21	0	3	121
250.0-254.9	27	49	0	1	57
255.0-259.9	21	7	0	1	54
260.0-264.9	13	7	0	1	43
265.0-269.9	6	0	0	0	14
270.0-274.9	1	0	0	0	6
275.0-279.9	0	0	0	0	9
280.0-284.9	0	0	0	0	4
TOTAL # FISH	295	656	5	34	1015

TOTAL CATCH(MT)		63	122	1	7	222
TASK1 MT OR # FISH		63	122	1	7	222
# FISH(ORIG.REC)	330.0	186.0	5.000	87.00	1197.	
MT(ORIGINAL REC)	70.45	34.58	.8480	17.65	261.6	
RAISING FACTOR	.8900	3.530	1.180	.4000	.8500	
MEAN LENGTH (CM)	230.4	218.1	214.5	226.8	230.5	
MEAN WEIGHT (KG)	213.5	185.9	169.5	202.9	218.6	

AREA EAST
COUNTRY NORWAY
GEAR LL

YEAR	61	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3
195.0-195.9	1	0	0	0	0	0	0	0
196.0-196.9	1	0	0	0	0	0	0	0
197.0-197.9	1	0	0	0	0	0	0	0
198.0-198.9	1	0	0	0	0	0	0	0
199.0-199.9	1	0	0	0	0	0	0	0
200.0-200.9	1	0	0	0	0	0	0	0
201.0-201.9	1	0	0	0	0	0	0	0
202.0-202.9	1	0	0	0	0	0	0	0
203.0-203.9	1	0	0	0	0	0	0	0
204.0-204.9	1	0	0	0	0	0	0	0
205.0-205.9	1	1	0	0	0	0	0	0
206.0-206.9	1	1	0	0	0	0	0	0
207.0-207.9	1	1	0	0	0	0	0	0
208.0-208.9	1	1	0	0	0	0	0	0
209.0-209.9	1	1	0	0	0	0	0	0
210.0-210.9	2	2	0	0	0	0	0	0
211.0-211.9	2	2	0	0	0	0	0	0
212.0-212.9	2	2	0	0	0	0	0	0
213.0-213.9	2	2	0	0	0	0	0	0
214.0-214.9	2	2	0	0	0	0	0	0
215.0-215.9	2	4	1	1	1	1	1	0
216.0-216.9	2	4	1	1	1	1	1	0
217.0-217.9	3	4	1	1	1	1	1	0
218.0-218.9	3	4	1	1	1	1	1	0
219.0-219.9	3	4	1	1	1	1	1	0
220.0-220.9	3	7	2	2	1	1	4	1
221.0-221.9	3	7	2	2	1	1	4	1
222.0-222.9	3	7	2	2	1	1	4	1
223.0-223.9	2	7	2	2	1	1	4	1
224.0-224.9	2	7	2	2	1	1	4	1
225.0-225.9	3	8	4	3	3	3	13	4
226.0-226.9	2	8	4	3	3	3	13	4
227.0-227.9	3	8	4	3	3	3	13	4
228.0-228.9	2	8	4	3	3	3	13	4
229.0-229.9	2	8	4	3	3	3	13	4
230.0-230.9	2	9	4	4	4	5	22	11
231.0-231.9	2	9	4	4	4	5	22	11
232.0-232.9	2	9	4	4	4	5	22	11
233.0-233.9	2	9	4	4	4	5	22	11
234.0-234.9	2	9	4	4	4	5	22	11
235.0-235.9	1	8	4	5	5	6	28	17
236.0-236.9	1	8	4	5	5	6	28	17
237.0-237.9	1	8	4	5	5	6	28	17
238.0-238.9	1	8	4	5	5	6	28	17
239.0-239.9	1	8	4	5	5	6	28	17
240.0-240.9	1	6	3	4	5	7	29	24
241.0-241.9	1	6	3	4	5	7	29	24
242.0-242.9	1	6	3	4	5	7	29	24
243.0-243.9	1	6	3	4	5	7	29	24
244.0-244.9	1	6	3	4	5	7	29	24
245.0-245.9	0	3	2	3	4	7	23	29
246.0-246.9	0	3	2	3	4	7	23	29
247.0-247.9	0	3	2	3	4	7	23	29
248.0-248.9	0	3	2	3	4	7	23	29
249.0-249.9	0	3	2	3	4	7	23	29
250.0-250.9	0	1	1	1	3	5	16	27
251.0-251.9	0	1	1	1	3	5	16	27
252.0-252.9	0	1	1	1	3	5	16	27
253.0-253.9	0	1	1	1	3	5	16	27
254.0-254.9	0	1	1	1	3	5	16	27
255.0-255.9	0	1	0	0	2	3	7	14
256.0-256.9	0	1	0	0	2	3	7	14
257.0-257.9	0	1	0	0	2	3	7	14
258.0-258.9	0	1	0	0	2	3	7	14
259.0-259.9	0	1	0	0	2	3	7	14
260.0-260.9	0	0	0	0	1	1	2	7
261.0-261.9	0	0	0	0	1	1	2	7
262.0-262.9	0	0	0	0	1	1	2	7
263.0-263.9	0	0	0	0	1	1	2	7
264.0-264.9	0	0	0	0	1	1	2	7
265.0-265.9	0	0	0	0	0	1	0	2
266.0-266.9	0	0	0	0	0	1	0	2
267.0-267.9	0	0	0	0	0	1	0	2
268.0-268.9	0	0	0	0	0	1	0	2
269.0-269.9	0	0	0	0	0	1	0	2
TOTAL # FISH	83	250	105	115	145	200	725	680

TOTAL CATCH(MT)		18	64	28	31	41	58	207	207
TASKI MT OR # FISH		19	63	31	31	41	57	207	207
# FISH(ORIG.REC)	83.00	250.0	105.0	115.0	145.0	200.0	725.0	680.0	
MT(ORIGINAL REC)	18.26	63.86	27.70	31.37	40.79	58.39	206.6	207.3	
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
MEAN LENGTH (CM)	220.9	231.6	234.6	236.8	240.6	242.6	240.8	246.5	
MEAN WEIGHT (KG)	220.0	255.4	263.8	272.8	281.3	292.0	285.8	304.9	

AREA EAST
COUNTRY NORWAY
GEAR PS

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	3
160.0-160.9	7	0	0	0	0	0	0	0	0	0	0
161.0-161.9	7	0	0	0	0	0	0	0	0	0	0
162.0-162.9	7	0	0	0	0	0	0	0	0	0	0
163.0-163.9	7	0	0	0	0	0	0	0	0	0	0
164.0-164.9	7	0	0	0	0	0	0	0	0	0	0
165.0-165.9	22	0	0	0	0	0	0	0	0	0	0
166.0-166.9	22	0	0	0	0	0	0	0	0	0	0
167.0-167.9	22	0	0	0	0	0	0	0	0	0	0
168.0-168.9	22	0	0	0	0	0	0	0	0	0	0
169.0-169.9	22	0	0	0	0	0	0	0	0	0	0
170.0-170.9	82	0	0	0	0	0	0	0	0	0	0
171.0-171.9	82	0	0	0	0	0	0	0	0	0	0
172.0-172.9	82	0	0	0	0	0	0	0	0	0	0
173.0-173.9	82	0	0	0	0	0	0	0	0	0	0
174.0-174.9	82	0	0	0	0	0	0	0	0	0	0
175.0-175.9	145	5	0	0	0	0	0	0	0	0	0
176.0-176.9	145	5	0	0	0	0	0	0	0	0	0
177.0-177.9	145	8	0	0	0	0	0	0	0	0	0
178.0-178.9	145	8	0	0	0	0	0	0	0	0	0
179.0-179.9	145	8	0	0	0	0	0	0	0	0	0
180.0-180.9	201	49	0	0	0	0	0	0	0	0	0
181.0-181.9	201	46	0	0	0	0	0	0	0	0	0
182.0-182.9	201	46	0	0	0	0	0	0	0	0	0
183.0-183.9	201	54	0	0	0	0	0	0	0	0	0
184.0-184.9	201	49	0	0	0	0	0	0	0	0	0
185.0-185.9	190	105	0	0	0	0	0	0	0	0	0
186.0-186.9	190	113	0	0	0	0	0	0	0	0	0
187.0-187.9	190	105	0	0	0	0	0	0	0	0	0
188.0-188.9	190	105	0	0	0	0	0	0	0	0	0
189.0-189.9	190	116	0	0	0	0	0	0	0	0	0
190.0-190.9	182	169	15	0	0	0	1	0	0	0	0
191.0-191.9	182	169	15	0	0	0	1	0	0	0	0
192.0-192.9	184	186	15	0	0	0	1	0	0	0	0
193.0-193.9	184	176	15	0	0	0	1	0	0	0	0
194.0-194.9	184	176	15	0	0	0	1	0	0	0	0
195.0-195.9	263	245	53	0	1	0	0	0	0	0	0
196.0-196.9	263	245	53	0	1	0	0	0	0	0	0
197.0-197.9	265	269	56	0	1	0	0	0	0	0	0
198.0-198.9	263	248	52	0	1	0	0	0	0	0	0
199.0-199.9	263	248	52	0	1	0	0	0	0	0	0
200.0-200.9	371	380	133	1	3	2	1	0	0	0	0
201.0-201.9	369	356	130	1	3	2	1	0	0	0	0
202.0-202.9	374	406	137	1	3	2	1	0	0	0	0
203.0-203.9	370	360	131	1	3	2	1	0	0	0	0
204.0-204.9	370	360	131	1	3	2	1	0	0	0	0
205.0-205.9	436	559	314	0	12	11	1	4	0	0	0
206.0-206.9	431	509	307	0	12	11	1	4	0	0	0
207.0-207.9	440	599	331	0	12	11	1	4	0	0	0
208.0-208.9	430	507	312	0	12	11	1	4	0	0	0
209.0-209.9	430	507	312	0	12	11	1	4	0	0	0
210.0-210.9	458	865	684	3	40	37	6	13	1	1	0
211.0-211.9	449	774	660	3	40	37	6	13	1	1	0
212.0-212.9	471	948	723	3	40	37	6	13	1	1	0
213.0-213.9	454	799	679	3	40	37	6	13	1	1	0
214.0-214.9	481	1001	773	3	40	37	6	13	1	1	0
215.0-215.9	414	996	929	5	84	95	20	31	5	1	1
216.0-216.9	414	996	929	5	84	95	20	31	5	1	1
217.0-217.9	435	1123	1033	5	84	95	20	31	5	1	1
218.0-218.9	435	1123	1033	5	84	95	20	31	5	1	1
219.0-219.9	444	1139	1081	5	84	95	20	31	5	1	1
220.0-220.9	429	1063	1195	11	148	183	49	70	16	21	1
221.0-221.9	440	1068	1232	11	148	183	49	70	16	21	1
222.0-222.9	440	1068	1232	11	148	183	49	70	16	21	1
223.0-223.9	420	955	1157	11	148	183	49	70	16	21	1
224.0-224.9	420	955	1157	11	148	183	49	70	16	21	1
225.0-225.9	357	1093	1278	15	186	302	82	143	35	46	4
226.0-226.9	310	856	1070	15	186	302	82	143	35	46	4
227.0-227.9	353	1086	1312	15	186	302	82	143	35	46	4
228.0-228.9	307	846	1082	15	186	302	82	143	35	46	4
229.0-229.9	347	1054	1328	15	186	302	82	143	35	46	4
230.0-230.9	230	687	833	19	197	349	124	201	55	60	14
231.0-231.9	285	968	1192	19	197	349	124	201	55	60	14
232.0-232.9	245	759	946	19	197	349	124	201	55	60	14
233.0-233.9	238	733	913	19	197	349	124	201	55	60	14
234.0-234.9	238	733	913	19	197	349	124	201	55	60	14
235.0-235.9	151	508	646	19	171	351	157	262	66	80	21
236.0-236.9	171	624	816	19	171	351	157	262	66	80	21
237.0-237.9	133	402	533	19	171	351	157	262	66	80	21
238.0-238.9	150	490	687	19	171	351	157	262	66	80	21
239.0-239.9	130	373	517	19	171	351	157	262	66	80	21
240.0-240.9	92	332	469	17	124	256	110	240	78	81	30
241.0-241.9	75	244	315	17	124	256	110	240	78	81	30
242.0-242.9	93	323	466	17	124	256	110	240	78	81	30
243.0-243.9	88	291	422	17	124	256	110	240	78	81	30
244.0-244.9	70	212	271	17	124	256	110	240	78	81	30
245.0-245.9	47	159	220	11	73	155	85	189	76	142	36
246.0-246.9	37	120	138	11	73	155	85	189	76	142	36
247.0-247.9	45	152	204	11	73	155	85	189	76	142	36
248.0-248.9	42	138	173	11	73	155	85	189	76	142	36
249.0-249.9	34	106	106	11	73	155	85	189	76	142	36
250.0-250.9	13	76	82	7	33	84	43	130	68	69	35
251.0-251.9	9	62	50	7	33	84	43	130	68	69	35
252.0-252.9	11	78	74	7	33	84	43	130	68	69	35
253.0-253.9	9	67	49	7	33	84	43	130	68	69	35
254.0-254.9	8	56	39	7	33	84	43	130	68	69	35
255.0-255.9	2	31	29	4	12	34	15	72	44	22	18
256.0-256.9	1	29	18	4	12	34	15	72	44	22	18
257.0-257.9	0	24	8	4	12	34	15	72	44	22	18
258.0-258.9	0	24	13	4	12	34	15	72	44	22	18
259.0-259.9	0	20	10	4	12	34	15	72	44	22	18
260.0-260.9	0	0	0	2	3	15	6	33	23	9	9

261.0-261.9	0	0	0	2	3	15	6	33	23	2	9
262.0-262.9	0	0	0	2	3	15	6	33	23	2	9
263.0-263.9	1	0	0	2	3	15	6	33	23	2	9
264.0-264.9	1	0	0	2	3	15	6	33	23	2	9
265.0-265.9	0	0	0	1	0	0	3	10	5	1	3
266.0-266.9	0	0	0	1	0	0	3	10	5	1	3
267.0-267.9	0	0	0	1	0	0	3	10	5	1	3
268.0-268.9	0	0	0	1	0	0	3	10	5	1	3
269.0-269.9	0	0	0	1	0	0	3	10	5	1	3
270.0-270.9	0	0	0	0	0	0	1	3	1	0	0
271.0-271.9	0	0	0	0	0	0	1	3	1	0	0
272.0-272.9	0	0	0	0	0	0	1	3	1	0	0
273.0-273.9	0	0	0	0	0	0	1	3	1	0	0
274.0-274.9	0	0	0	0	0	0	1	3	1	0	0
275.0-275.9	0	0	0	0	0	0	1	1	0	0	0
276.0-276.9	0	0	0	0	0	0	1	1	0	0	0
277.0-277.9	0	0	0	0	0	0	1	1	0	0	0
278.0-278.9	0	0	0	0	0	0	1	1	0	0	0
279.0-279.9	0	0	0	0	0	0	1	1	0	0	0
TOTAL # FISH	20416	36125	34298	575	5435	9370	3525	7010	2365	2630	860

TOTAL CATCH(MT)	3934	7968	8052	154	1388	2472	961	1972	696	758	262
TASK1 MT OR # FISH	3936	7967	8053	155	1390	2472	959	1974	696	757	263
# FISH(ORIG.REC)	.2042E+05	.3613E+05	.3430E+05	575.0	5435.	9370.	3525.	7010.	2365.	2630.	860.0
MT(ORIGINAL REC)	3934.	7968.	8052.	154.4	1388.	2472.	961.4	1972.	695.5	758.1	262.2
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	210.2	220.3	225.2	236.1	231.9	234.5	237.3	239.8	243.5	241.8	246.6
MEAN WEIGHT (KG)	192.7	220.6	234.8	268.6	255.4	263.8	272.8	281.3	294.1	288.3	304.9

AREA EAST
COUNTRY NORWAY
GEAR PS

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3	3
200.0-200.9	0	0	0	0	0	1	0	0	0	0	0
201.0-201.9	0	0	0	0	0	1	0	0	0	0	0
202.0-202.9	0	0	0	0	0	1	0	0	0	0	0
209.0-209.9	0	0	0	0	0	0	0	0	0	0	1
210.0-210.9	1	0	0	0	0	0	0	0	0	0	1
211.0-211.9	1	0	0	0	0	0	0	0	0	0	1
212.0-212.9	1	0	0	0	1	1	0	0	0	0	1
213.0-213.9	1	0	0	0	1	1	0	0	0	0	0
214.0-214.9	1	0	0	0	2	1	0	0	0	1	0
215.0-215.9	1	1	0	1	1	1	0	0	0	1	0
216.0-216.9	1	1	0	1	1	1	0	0	0	0	0
217.0-217.9	1	1	0	1	1	1	0	0	0	0	0
218.0-218.9	1	1	0	1	1	1	0	0	0	1	1
219.0-219.9	1	1	0	1	1	1	0	0	0	1	2
220.0-220.9	3	2	1	2	1	1	0	0	0	0	1
221.0-221.9	3	2	1	2	3	1	0	0	0	0	2
222.0-222.9	3	2	1	2	3	1	0	0	0	1	2
223.0-223.9	3	2	1	2	2	1	1	0	0	1	1
224.0-224.9	3	2	1	2	2	1	1	0	0	1	3
225.0-225.9	9	6	2	5	5	3	2	0	0	1	2
226.0-226.9	9	6	2	5	3	2	1	0	1	3	2
227.0-227.9	9	6	2	5	8	5	2	1	1	5	2
228.0-228.9	9	6	2	5	5	3	2	1	0	2	1
229.0-229.9	9	6	2	5	11	7	4	2	0	3	1
230.0-230.9	18	14	7	11	6	4	2	0	0	7	7
231.0-231.9	18	14	7	11	17	14	8	9	0	4	7
232.0-232.9	18	14	7	11	12	10	6	9	0	8	2
233.0-233.9	18	14	7	11	17	14	7	2	0	14	4
234.0-234.9	18	14	7	11	17	14	7	2	0	7	2
235.0-235.9	34	28	20	26	22	20	11	5	0	11	2
236.0-236.9	34	28	20	26	40	36	23	12	1	18	6
237.0-237.9	34	28	20	26	18	16	11	6	1	15	9
238.0-238.9	34	28	20	26	42	37	29	14	0	8	5
239.0-239.9	34	28	20	26	23	21	18	8	3	22	10
240.0-240.9	53	43	33	53	48	48	40	19	3	33	10
241.0-241.9	53	43	33	53	25	27	22	11	1	19	4
242.0-242.9	53	43	33	53	73	75	59	27	1	18	5
243.0-243.9	53	43	33	53	84	79	66	28	1	41	11
244.0-244.9	53	43	33	53	36	31	30	12	0	43	17
245.0-245.9	63	50	43	83	76	63	69	26	0	19	11
246.0-246.9	63	50	43	83	40	32	40	13	3	19	7
247.0-247.9	63	50	43	83	105	84	107	37	5	40	17
248.0-248.9	63	50	43	83	113	86	114	43	5	45	19
249.0-249.9	63	50	43	83	47	34	46	19	3	25	8
250.0-250.9	70	53	47	98	98	67	94	34	3	14	8
251.0-251.9	70	53	47	98	50	33	47	15	6	40	19
252.0-252.9	70	53	47	98	129	83	117	37	4	39	15
253.0-253.9	70	53	47	98	78	50	70	22	2	32	10
254.0-254.9	70	53	47	98	78	48	72	17	3	46	15
255.0-255.9	55	42	43	92	157	94	152	40	1	26	9
256.0-256.9	55	42	43	92	131	73	131	32	3	14	5
257.0-257.9	55	42	43	92	52	28	51	9	8	28	18
258.0-258.9	55	42	43	92	125	66	114	23	8	31	19
259.0-259.9	55	42	43	92	73	38	63	14	6	34	15
260.0-260.9	32	21	33	73	67	31	53	18	7	26	15
261.0-261.9	32	21	33	73	129	57	103	30	4	8	6
262.0-262.9	32	21	33	73	63	25	50	12	3	10	4
263.0-263.9	32	21	33	73	57	23	48	10	5	19	9
264.0-264.9	32	21	33	73	105	43	89	23	11	20	14
265.0-265.9	15	12	19	45	48	20	41	13	10	17	11
266.0-266.9	15	12	19	45	42	15	33	6	4	12	6
267.0-267.9	15	12	19	45	78	25	58	14	3	8	10
268.0-268.9	15	12	19	45	56	15	37	10	3	6	17
269.0-269.9	15	12	19	45	19	4	12	3	2	4	10
270.0-270.9	5	2	6	21	44	9	25	6	12	4	10
271.0-271.9	5	2	6	21	47	9	23	6	1	1	2
272.0-272.9	5	2	6	21	22	4	10	3	2	1	5
273.0-273.9	5	2	6	21	17	2	9	1	5	1	7
274.0-274.9	5	2	6	21	33	3	16	1	5	1	5
275.0-275.9	2	1	2	7	31	2	10	1	3	3	7
276.0-276.9	2	1	2	7	15	1	3	1	2	4	6
277.0-277.9	2	1	2	7	13	1	2	2	2	2	2
278.0-278.9	2	1	2	7	23	2	5	1	3	0	2
279.0-279.9	2	1	2	7	19	2	5	0	3	2	3
280.0-280.9	0	0	1	2	9	1	2	0	2	2	2
281.0-281.9	0	0	1	2	9	1	2	0	1	1	2
282.0-282.9	0	0	1	2	15	1	3	0	2	0	2
283.0-283.9	0	0	1	2	10	0	2	1	1	0	1
284.0-284.9	0	0	1	2	9	0	1	1	0	1	2
285.0-285.9	0	0	0	1	4	0	0	0	0	1	2
286.0-286.9	0	0	0	1	4	0	0	1	1	1	2
287.0-287.9	0	0	0	1	7	0	0	1	1	0	1
288.0-288.9	0	0	0	1	6	0	1	0	0	0	1
289.0-289.9	0	0	0	1	6	0	1	0	0	0	1
290.0-290.9	0	0	0	0	3	0	0	0	0	1	1
291.0-291.9	0	0	0	0	6	2	0	0	0	1	0
292.0-292.9	0	0	0	0	1	0	0	0	0	0	1
293.0-293.9	0	0	0	0	3	0	0	0	0	0	1
294.0-294.9	0	0	0	0	3	0	0	0	0	0	0
295.0-295.9	0	0	0	0	3	0	0	0	0	0	0
296.0-296.9	0	0	0	0	1	0	0	0	0	0	0
TOTAL # FISH	1805	1375	1285	2600	2911	1659	2283	714	171	898	490

TOTAL CATCH(MT)	568	431	418	863	987	531	764	231	62	287	164
TASKI MT OR # FISH	568	430	420	864	988	529	764	233	60	286	162
# FISH(ORIG.REC)	1805.	1375.	1285.	2600.	2911.	1659.	2283.	714.0	171.0	898.0	490.0
MT(ORIGINAL REC)	568.3	431.3	418.3	863.4	987.2	530.7	763.7	231.5	61.81	286.8	163.6
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	249.4	249.0	252.4	254.0	255.9	250.7	254.6	252.3	261.7	250.6	254.4
MEAN WEIGHT (KG)	314.9	313.7	325.5	332.1	339.1	319.9	334.5	324.2	361.5	319.3	333.9

AREA EAST
COUNTRY POLAND
GEAR UNCL

YEAR	71	72
QUARTER	3	3
210.0-210.9	0	0
211.0-211.9	0	0
212.0-212.9	0	0
213.0-213.9	0	0
214.0-214.9	0	0
215.0-215.9	0	0
216.0-216.9	0	0
217.0-217.9	0	0
218.0-218.9	0	0
219.0-219.9	0	0
220.0-220.9	1	1
221.0-221.9	1	1
222.0-222.9	1	1
223.0-223.9	1	1
224.0-224.9	1	1
225.0-225.9	2	2
226.0-226.9	2	2
227.0-227.9	2	2
228.0-228.9	2	2
229.0-229.9	2	2
230.0-230.9	4	4
231.0-231.9	4	4
232.0-232.9	4	4
233.0-233.9	4	4
234.0-234.9	4	4
235.0-235.9	7	8
236.0-236.9	7	8
237.0-237.9	7	8
238.0-238.9	7	8
239.0-239.9	7	8
240.0-240.9	11	12
241.0-241.9	11	12
242.0-242.9	11	12
243.0-243.9	11	12
244.0-244.9	11	12
245.0-245.9	13	14
246.0-246.9	13	14
247.0-247.9	13	14
248.0-248.9	13	14
249.0-249.9	13	14
250.0-250.9	15	15
251.0-251.9	15	15
252.0-252.9	15	15
253.0-253.9	15	15
254.0-254.9	15	15
255.0-255.9	12	12
256.0-256.9	12	12
257.0-257.9	12	12
258.0-258.9	12	12
259.0-259.9	12	12
260.0-260.9	7	6
261.0-261.9	7	6
262.0-262.9	7	6
263.0-263.9	7	6
264.0-264.9	7	6
265.0-265.9	3	3
266.0-266.9	3	3
267.0-267.9	3	3
268.0-268.9	3	3
269.0-269.9	3	3
270.0-270.9	1	1
271.0-271.9	1	1
272.0-272.9	1	1
273.0-273.9	1	1
274.0-274.9	1	1
275.0-275.9	0	0
276.0-276.9	0	0
277.0-277.9	0	0
278.0-278.9	0	0
279.0-279.9	0	0
TOTAL # FISH	380	382

TOTAL CATCH(MT)		100		100
TASK1 MT OR # FISH		100		100
# FISH(ORIG.REC)	1805.		1375.	
MT(ORIGINAL REC)	475.1		360.3	
RAISING FACTOR	.2100		.2800	
MEAN LENGTH (CM)	249.4		249.0	
MEAN WEIGHT (KG)	263.2		262.0	

AREA EAST
COUNTRY PORTUGAL
GEAR TRAP

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	2	2	2
50.0- 54.9	0	0	0	0	0	0	0	0	0	118	39
55.0- 59.9	0	0	0	0	0	0	0	0	0	118	39
70.0- 74.9	0	0	0	0	0	0	0	0	0	473	154
75.0- 79.9	0	0	0	0	0	0	0	0	0	355	116
80.0- 84.9	0	0	0	0	0	0	0	0	0	36	12
85.0- 89.9	0	0	0	0	0	0	0	0	0	13	4
105.0-109.9	0	0	0	0	0	0	134	0	0	0	0
110.0-114.9	2	0	0	0	0	0	0	0	0	0	0
115.0-119.9	7	95	54	0	0	0	134	0	0	0	0
120.0-124.9	50	0	9	22	0	7	6	1	0	0	0
125.0-129.9	22	62	69	87	247	10	6	0	0	0	0
130.0-134.9	71	76	77	87	0	7	3	0	0	0	0
135.0-139.9	156	44	41	40	544	0	17	6	0	0	0
140.0-144.9	250	97	32	30	49	7	56	10	2	2	0
145.0-149.9	361	250	82	82	2	20	33	16	1	2	0
150.0-154.9	956	397	134	178	49	47	27	34	2	7	1
155.0-159.9	1246	349	120	160	21	27	33	57	8	11	1
160.0-164.9	1605	295	94	65	51	39	52	78	9	13	1
165.0-169.9	600	87	30	48	33	52	54	70	9	4	3
170.0-174.9	263	153	54	12	7	9	38	10	4	20	2
175.0-179.9	298	341	114	16	18	3	41	10	6	24	2
180.0-184.9	486	782	251	21	24	3	31	22	10	50	2
185.0-189.9	706	1338	425	29	24	3	39	26	6	75	6
190.0-194.9	925	1808	581	50	29	4	45	33	10	93	8
195.0-199.9	882	1677	590	124	46	6	50	46	10	83	12
200.0-204.9	792	1455	596	236	79	8	36	59	16	60	15
205.0-209.9	835	1006	508	310	161	8	24	65	26	72	13
210.0-214.9	495	680	416	320	237	18	34	49	30	104	11
215.0-219.9	426	470	315	263	259	20	52	31	35	83	8
220.0-224.9	420	372	233	183	247	49	69	31	28	131	7
225.0-229.9	210	228	143	112	190	39	66	37	23	105	5
230.0-234.9	121	61	71	80	140	56	81	56	20	123	8
235.0-239.9	104	122	69	49	67	42	58	53	17	109	7
240.0-244.9	107	48	34	29	59	31	46	62	12	88	4
245.0-249.9	39	43	21	12	29	14	24	45	13	61	3
250.0-254.9	3	9	7	6	10	6	12	29	8	46	3
255.0-259.9	0	0	4	6	6	4	3	8	6	35	2
260.0-264.9	0	0	3	4	0	2	1	3	2	24	1
265.0-269.9	0	0	1	2	0	0	0	1	0	8	1
270.0-274.9	14	0	0	0	0	0	0	0	1	2	0
TOTAL # FISH	12452	12345	5178	2663	2628	541	1305	948	314	2548	490

TOTAL CATCH(MT)	1391	1578	692	358	342	79	154	144	54	269	23
TASK1 MT OR # FISH	1016	1499	666	354	303	90	122	209	55	261	0
# FISH(ORIG.REC)	.1245E+05	.1235E+05	5178.	2663.	2628.	541.0	1305.	948.0	314.0	2548.	490.0
MT(ORIGINAL REC)	1392.	1578.	692.8	358.8	342.4	79.44	155.0	144.1	54.03	269.5	23.64
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	182.3	192.5	194.9	193.3	188.1	197.6	179.6	201.7	212.9	153.5	106.9
MEAN WEIGHT (KG)	111.8	127.8	133.8	134.7	130.3	146.8	118.8	152.0	172.1	105.8	48.25

AREA EAST
COUNTRY PORTUGAL Açores
GEAR BB

YEAR	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3
62.0- 62.9	0	0	0	0	1	1	6	0
64.0- 64.9	0	0	0	0	1	1	6	0
68.0- 68.9	0	0	0	0	1	1	6	0
70.0- 70.9	0	0	0	0	4	2	18	30
71.0- 71.9	0	0	0	0	0	0	0	61
72.0- 72.9	0	0	0	0	1	1	6	0
73.0- 73.9	0	0	0	0	0	0	0	121
74.0- 74.9	0	0	0	0	3	2	12	61
75.0- 75.9	0	0	0	0	0	0	0	151
76.0- 76.9	0	0	0	0	10	6	47	151
77.0- 77.9	0	0	0	0	0	0	0	30
78.0- 78.9	0	0	0	0	10	6	47	30
80.0- 80.9	0	0	0	0	5	3	24	0
84.0- 84.9	0	0	0	0	1	1	6	0
86.0- 86.9	0	0	0	0	3	2	12	0
88.0- 88.9	0	0	0	0	1	1	6	0
140.0-140.9	0	0	0	0	7	4	0	0
148.0-148.9	17	0	0	0	0	0	0	0
160.0-160.9	0	0	11	0	0	0	0	0
162.0-162.9	0	0	6	0	0	0	0	0
167.0-167.9	8	0	0	0	0	0	0	0
168.0-168.9	12	0	0	0	0	0	0	0
171.0-171.9	24	0	0	0	0	0	0	0
172.0-172.9	2	8	0	0	0	0	0	0
173.0-173.9	2	0	0	0	0	0	0	0
174.0-174.9	0	1	0	0	0	0	0	0
179.0-179.9	5	3	0	0	0	0	0	0
182.0-182.9	0	5	0	0	0	0	0	0
185.0-185.9	11	15	0	0	0	0	0	0
187.0-187.9	10	0	0	0	0	0	0	0
189.0-189.9	1	0	0	0	0	0	0	0
190.0-190.9	0	3	0	0	0	0	13	10
191.0-191.9	15	0	0	0	0	0	0	0
192.0-192.9	17	0	0	0	0	0	2	2
194.0-194.9	3	0	0	0	0	0	7	5
195.0-195.9	0	1	0	0	0	0	0	0
198.0-198.9	2	0	0	0	0	0	0	0
202.0-202.9	11	3	0	0	0	0	0	0
205.0-205.9	7	0	0	0	0	0	0	0
207.0-207.9	7	0	0	0	0	0	0	0
208.0-208.9	2	0	0	0	0	0	0	0
209.0-209.9	28	0	0	0	0	0	0	0
210.0-210.9	7	2	0	0	0	0	0	0
211.0-211.9	29	0	0	0	0	0	0	0
212.0-212.9	0	3	0	0	0	0	0	0
215.0-215.9	0	54	0	0	0	0	0	0
220.0-220.9	17	0	0	0	0	0	0	0
221.0-221.9	0	3	0	0	0	0	0	0
222.0-222.9	9	16	0	0	0	0	0	0
223.0-223.9	19	15	0	0	0	0	0	0
225.0-225.9	45	0	0	0	0	0	0	0
227.0-227.9	0	0	6	0	0	0	2	2
228.0-228.9	0	19	0	0	0	0	0	0
229.0-229.9	0	3	0	0	0	0	0	0
230.0-230.9	26	0	0	0	0	0	0	0
232.0-232.9	43	0	0	0	0	0	0	0
236.0-236.9	3	0	0	0	0	0	0	0
237.0-237.9	20	0	0	0	0	0	0	0
238.0-238.9	22	3	0	0	0	0	0	0
239.0-239.9	0	2	0	0	0	0	0	0
240.0-240.9	0	6	0	0	0	0	0	0
241.0-241.9	3	0	0	0	0	0	0	0
242.0-242.9	0	2	0	0	0	0	0	0
243.0-243.9	3	2	0	0	0	0	0	0
244.0-244.9	0	2	0	0	0	0	0	0
245.0-245.9	0	1	0	0	0	0	0	0
247.0-247.9	10	0	0	0	0	0	0	0
248.0-248.9	5	0	0	2	0	0	0	0
249.0-249.9	8	0	0	0	5	3	0	0
250.0-250.9	0	6	0	0	0	0	0	0
251.0-251.9	7	8	0	0	0	0	0	0
252.0-252.9	9	3	0	0	2	1	9	7
253.0-253.9	0	10	0	0	0	0	0	0
254.0-254.9	4	8	0	0	0	0	0	0
255.0-255.9	6	20	0	0	0	0	0	0
256.0-256.9	0	9	0	0	0	0	0	0
257.0-257.9	1	28	0	0	0	0	0	0
258.0-258.9	8	8	0	0	0	0	0	0
259.0-259.9	0	23	0	0	1	1	0	0
260.0-260.9	2	22	0	0	0	0	0	0
261.0-261.9	11	17	0	0	6	4	0	0
262.0-262.9	24	52	0	0	0	0	0	0
263.0-263.9	18	21	0	0	0	0	0	0
264.0-264.9	9	60	0	0	0	0	0	0
265.0-265.9	23	57	0	0	0	0	0	0
266.0-266.9	10	72	0	0	0	0	0	0
267.0-267.9	23	94	6	0	4	2	0	0
268.0-268.9	15	70	0	0	0	0	0	0
269.0-269.9	7	46	0	0	0	0	0	0
270.0-270.9	13	50	0	2	1	1	0	0
271.0-271.9	14	45	0	0	2	1	0	0
272.0-272.9	0	31	0	0	0	0	0	0
273.0-273.9	12	31	0	0	0	0	4	3
274.0-274.9	13	27	0	0	0	0	0	0
275.0-275.9	8	16	0	0	1	1	0	0
276.0-276.9	73	14	0	0	6	4	0	0
277.0-277.9	17	8	0	0	0	0	18	14
278.0-278.9	12	4	0	0	0	0	0	0
279.0-279.9	1	0	0	0	0	0	0	0
280.0-280.9	0	2	0	0	9	5	0	0
281.0-281.9	1	0	0	0	0	0	0	0

284.0-284.9	0	1	0	0	0	0	0	0
285.0-285.9	2	0	0	0	0	0	0	0
286.0-286.9	1	0	0	0	0	0	0	0
288.0-288.9	0	1	0	0	0	0	0	0
289.0-289.9	0	0	0	8	0	0	0	0
296.0-296.9	0	1	0	0	0	0	0	0
300.0-300.9	0	0	0	0	0	0	2	2
303.0-303.9	0	1	0	0	0	0	0	0
307.0-307.9	0	0	6	0	0	0	0	0
376.0-376.9	3	0	0	0	0	0	0	0
TOTAL # FISH	800	1038	35	12	85	54	253	680

TOTAL CATCH(MT)	191	305	7	4	12	7	15	16
TASK1 MT OR # FISH	191	303	7	4	13	8	17	16
# FISH(ORIG.REC)	800.0	1038.	35.00	12.00	85.00	54.00	253.0	680.0
MT(ORIGINAL REC)	191.8	305.0	7.273	4.411	12.73	7.904	15.96	16.41
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	237.0	257.8	215.9	279.5	165.5	163.1	113.5	85.79
MEAN WEIGHT (KG)	239.8	293.8	207.8	367.6	149.8	146.4	63.08	24.13

AREA EAST
COUNTRY PORTUGAL Madeira
GEAR HAND

YEAR		76		77		78		79		80		81
QUARTER		3		3		3		3		3		3
210.0-210.9		1		1		2		1		0		0
225.0-225.9		0		0		0		0		0		1
227.0-227.9		1		1		2		1		0		1
231.0-231.9		1		0		2		1		0		0
233.0-233.9		1		1		3		2		0		0
236.0-236.9		1		0		3		2		0		0
237.0-237.9		1		1		2		1		0		0
238.0-238.9		1		0		2		1		0		0
239.0-239.9		1		1		2		1		0		0
241.0-241.9		1		0		2		1		0		0
243.0-243.9		2		1		5		3		0		0
244.0-244.9		1		1		2		1		0		0
246.0-246.9		3		3		6		4		0		0
247.0-247.9		1		1		2		1		0		0
248.0-248.9		3		3		6		4		3		0
249.0-249.9		2		0		5		3		1		0
250.0-250.9		1		1		2		1		0		0
252.0-252.9		10		1		25		16		2		0
253.0-253.9		1		1		2		1		0		0
254.0-254.9		2		3		5		3		0		0
255.0-255.9		3		2		8		5		1		0
256.0-256.9		3		1		6		4		2		0
257.0-257.9		1		1		2		1		1		0
258.0-258.9		1		1		3		2		4		0
259.0-259.9		0		0		0		0		1		0
260.0-260.9		0		0		0		0		1		0
261.0-261.9		0		0		0		0		2		0
262.0-262.9		3		2		6		4		0		0
263.0-263.9		1		1		2		1		0		1
264.0-264.9		3		1		6		4		0		0
265.0-265.9		1		0		2		1		2		0
266.0-266.9		1		0		3		2		1		0
267.0-267.9		2		0		5		3		0		0
268.0-268.9		1		1		2		1		0		0
269.0-269.9		1		1		0		1		1		1
270.0-270.9		0		0		0		0		1		0
271.0-271.9		1		1		3		2		0		0
272.0-272.9		1		0		2		1		1		0
273.0-273.9		1		0		2		1		0		0
274.0-274.9		1		2		3		2		0		0
275.0-275.9		1		0		3		2		0		0
277.0-277.9		3		3		6		4		1		0
281.0-281.9		1		1		2		1		0		0
282.0-282.9		1		0		3		2		0		0
283.0-283.9		1		1		2		1		0		0
TOTAL # FISH		67		39		151		93		25		4
TOTAL CATCH(MT)		19		11		42		26		7		1
TASKI MT OR # FISH		17		10		43		27		7		1
# FISH(ORIG.REC)	67.00		39.00		151.0		93.00		25.00		4.000	
MT(ORIGINAL REC)	19.07		11.12		42.97		26.59		7.377		1.032	
RAISING FACTOR	1.000		1.000		1.000		1.000		1.000		1.000	
MEAN LENGTH (CM)	255.9		255.9		255.9		256.4		259.6		246.5	
MEAN WEIGHT (KG)	284.6		285.2		284.6		285.9		295.1		257.9	

AREA EAST
COUNTRY ESPANA
GEAR LL

YEAR	75	79	81
QUARTER	3	3	3
125.0-129.9	1	32	2
130.0-134.9	3	95	3
135.0-139.9	1	32	2
170.0-174.9	1	32	2
195.0-199.9	1	32	2
200.0-204.9	1	32	2
205.0-209.9	1	32	2
215.0-219.9	1	32	2
230.0-234.9	1	32	2
240.0-244.9	2	63	4
245.0-249.9	4	126	8
250.0-254.9	2	63	4
TOTAL # FISH	17	599	33

TOTAL CATCH(MT)	3	100	6
TASKI MT OR # FISH	3	100	6
# FISH(ORIG.REC)	19.00	646.0	36.00
MT(ORIGINAL REC)	3.171	107.8	6.473
RAISING FACTOR	.9500	.9300	.9300
MEAN LENGTH (CM)	203.8	203.8	211.0
MEAN WEIGHT (KG)	166.9	166.9	179.8

AREA EAST
COUNTRY ESPANA
GEAR SURF

YEAR	63
QUARTER	3
25.0- 29.9	52609
30.0- 34.9	210435
TOTAL # FISH	263044

TOTAL CATCH(MT)	173
TASKI MT OR # FISH	173
# FISH(ORIG.REC)	.3457E+06
MT(ORIGINAL REC)	227.4
RAISING FACTOR	.7600
MEAN LENGTH (CM)	31.50
MEAN WEIGHT (KG)	.6600

AREA EAST
COUNTRY ESPANA
GEAR TRAP

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	2	2	2
50.0- 54.9	0	0	0	0	0	0	0	0	0	114	0
55.0- 59.9	0	0	0	0	0	0	0	0	0	114	0
70.0- 74.9	0	0	0	0	0	0	0	0	0	456	0
75.0- 79.9	0	0	0	0	0	0	0	0	0	343	0
80.0- 84.9	0	0	0	0	0	0	0	0	0	34	0
85.0- 89.9	0	0	0	0	0	0	0	0	0	12	0
105.0-109.9	0	0	0	0	0	52	8	0	0	0	0
110.0-114.9	90	0	20	0	0	52	0	0	0	0	0
115.0-119.9	214	27	0	0	0	0	8	0	0	0	0
120.0-124.9	105	0	48	11	0	52	18	19	0	0	0
125.0-129.9	40	53	85	44	38	79	18	0	6	0	0
130.0-134.9	86	65	66	44	0	52	8	0	0	0	9
135.0-139.9	361	38	209	21	84	0	52	106	0	0	9
140.0-144.9	525	262	509	21	140	52	220	69	18	12	9
145.0-149.9	641	673	829	56	6	137	132	106	6	12	0
150.0-154.9	989	1072	789	122	140	326	107	228	26	34	17
155.0-159.9	1304	941	674	109	61	190	132	385	87	58	45
160.0-164.9	1456	796	209	44	147	274	204	525	94	69	53
165.0-169.9	810	236	372	33	95	361	212	473	94	22	114
170.0-174.9	1767	461	804	66	56	446	388	228	87	149	114
175.0-179.9	2414	1027	1795	89	147	137	423	228	118	172	142
180.0-184.9	3647	2357	3045	122	197	137	318	509	217	366	150
185.0-189.9	4690	4030	4116	166	197	137	397	596	125	548	433
190.0-194.9	4795	5448	3929	286	240	190	467	752	200	672	567
195.0-199.9	4398	5053	3794	706	382	277	511	1068	217	604	886
200.0-204.9	3498	4385	3335	1338	660	361	370	1347	331	434	1047
205.0-209.9	3244	3029	2973	1759	1348	361	248	1506	549	526	948
210.0-214.9	2314	2049	2560	1817	1984	860	353	1121	636	754	779
215.0-219.9	2140	1415	2073	1493	2164	947	537	718	739	606	557
220.0-224.9	2023	1120	1376	1039	2067	2325	705	718	580	948	513
225.0-229.9	842	688	671	639	1587	1859	680	841	481	764	372
230.0-234.9	769	185	649	454	1168	2686	828	1296	412	891	567
235.0-239.9	434	366	339	277	562	1990	600	1209	361	797	487
240.0-244.9	572	145	236	166	491	1497	475	1429	262	640	309
245.0-249.9	154	130	77	66	240	687	248	1033	269	446	212
250.0-254.9	0	27	28	33	82	297	120	663	160	332	194
255.0-259.9	0	0	28	33	50	190	26	180	118	252	159
260.0-264.9	0	0	19	22	0	85	6	70	38	172	97
265.0-269.9	0	0	11	11	0	0	0	34	0	59	45
270.0-274.9	78	0	0	0	0	0	0	0	6	14	17
275.0-279.9	0	0	0	0	0	0	0	0	0	0	3
TOTAL # FISH	44399	36079	35664	11084	14332	17093	8817	17450	6237	11416	8853
TOTAL CATCH(MT)	5700	4700	4700	1800	2500	3200	1400	3000	1100	1900	1500
TASKI MT OR # FISH	5700	4700	4700	1800	2500	3200	1400	3000	1100	1900	1500
# FISH(ORIG.REC)	.3755E+05	.3043E+05	.2980E+05	.1076E+05	.1310E+05	.1552E+05	8707.	.1588E+05	5826.	8294.	7744.
MT(ORIGINAL REC)	4820.	3964.	3927.	1748.	2285.	2905.	1382.	2730.	1027.	1380.	1312.
RAISING FACTOR	1.180	1.190	1.200	1.030	1.090	1.100	1.010	1.100	1.070	1.380	1.140
MEAN LENGTH (CM)	192.4	194.2	194.6	209.9	215.0	219.0	206.0	212.2	215.2	204.1	212.4
MEAN WEIGHT (KG)	128.4	130.3	131.8	162.4	174.4	187.2	158.8	171.9	176.4	166.4	169.4

AREA EAST
COUNTRY ESPANA
GEAR TRAP

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2	2	2
50.0- 54.9	0	0	0	0	0	0	0	0	0	144	0
55.0- 59.9	0	0	0	0	15	0	0	0	0	86	0
65.0- 69.9	0	0	0	0	29	0	0	0	0	0	0
70.0- 74.9	0	0	0	0	8	0	0	0	0	0	0
105.0-109.9	0	17	0	0	0	0	0	0	0	0	0
110.0-114.9	0	17	0	0	0	0	0	0	0	0	0
125.0-129.9	0	7	0	0	0	0	0	0	0	0	0
130.0-134.9	0	0	0	0	8	0	0	0	13	10	0
135.0-139.9	0	0	0	0	0	0	0	0	28	19	0
140.0-144.9	0	0	0	0	0	0	0	0	40	10	160
145.0-149.9	5	7	15	0	0	0	0	0	28	29	200
150.0-154.9	0	7	15	0	0	0	0	0	28	29	280
155.0-159.9	0	17	0	0	0	0	0	10	121	67	280
160.0-164.9	0	17	0	0	0	0	10	0	40	106	280
165.0-169.9	12	24	15	0	0	0	10	0	121	183	400
170.0-174.9	12	7	15	0	0	0	54	42	81	239	600
175.0-179.9	12	49	32	0	0	14	31	42	81	153	719
180.0-184.9	17	17	85	1	8	0	42	95	134	48	600
185.0-189.9	25	31	85	1	15	0	64	53	282	48	320
190.0-194.9	108	31	85	1	20	14	42	95	161	124	200
195.0-199.9	79	42	135	3	29	0	54	85	282	124	160
200.0-204.9	169	24	120	3	44	14	74	42	322	106	160
205.0-209.9	138	49	253	4	49	125	182	63	295	287	280
210.0-214.9	211	98	288	5	123	69	140	42	229	220	360
215.0-219.9	163	129	253	5	152	139	182	95	268	249	200
220.0-224.9	169	105	253	5	100	166	182	169	134	306	360
225.0-229.9	186	129	220	5	144	250	213	232	227	249	280
230.0-234.9	133	122	220	8	223	125	64	211	93	278	280
235.0-239.9	307	129	203	6	223	250	74	221	214	201	80
240.0-244.9	163	98	135	5	237	182	85	159	81	209	0
245.0-249.9	253	42	68	5	245	195	96	211	121	182	80
250.0-254.9	259	98	68	3	115	195	85	74	121	201	40
255.0-259.9	197	17	53	3	108	111	31	116	81	163	40
260.0-264.9	126	21	68	3	88	97	54	31	53	38	0
265.0-269.9	57	0	0	0	29	111	21	85	28	48	0
270.0-274.9	12	0	0	0	11	28	0	0	15	20	0
275.0-279.9	0	0	15	0	19	14	10	19	0	10	0
280.0-284.9	0	0	15	0	8	0	0	0	0	0	0
285.0-289.9	0	0	0	0	0	18	0	0	0	0	0
TOTAL # FISH	2811	1353	2717	63	2047	2114	1801	2190	3718	4181	6360

TOTAL CATCH(MT)	600	250	504	13	448	490	339	450	600	700	787
TASK1 MT OR # FISH	600	250	504	13	448	490	339	450	600	700	787
# FISH(ORIG.REC)	3135.	388.0	1952.	51.00	1822.	2119.	1626.	1963.	2030.	6345.	8007.
MT(ORIGINAL REC)	669.1	71.64	362.0	10.41	398.6	491.1	306.0	403.2	327.5	1062.	990.8
RAISING FACTOR	.9000	3.490	1.390	1.250	1.120	1.000	1.110	1.120	1.830	.6600	.7900
MEAN LENGTH (CM)	230.3	217.2	219.3	227.3	230.6	237.7	220.2	226.8	207.3	205.0	188.9
MEAN WEIGHT (KG)	213.4	184.6	185.4	204.2	218.8	231.8	188.2	205.4	161.3	167.4	123.7

AREA EAST
COUNTRY ESPANA
GEAR BB

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	3	3	3	3	3	3	3	3	3	3	4
55.0- 59.9	348	294	308	343	364	540	772	491	365	2037	832
60.0- 64.9	1249	1057	1108	1229	1309	1940	2775	1762	1311	7327	2994
65.0- 69.9	902	764	800	888	945	1401	2004	1272	946	5291	2161
70.0- 74.9	911	772	808	897	955	1415	2485	748	1005	5419	3234
75.0- 79.9	3040	2573	2696	2993	3186	4722	8289	2495	3354	18082	10795
80.0- 84.9	3654	3094	3241	3596	3829	5675	9961	2998	4032	21730	12966
85.0- 89.9	911	772	808	896	955	1415	2484	748	1005	5419	3236
90.0- 94.9	1146	970	1017	1129	1202	1780	3558	1295	469	1504	1025
95.0- 99.9	1918	1624	1701	1889	2010	2979	5952	2169	784	2516	1715
100.0-104.9	4971	4209	4409	4894	5211	7722	15427	5567	2033	6519	4444
105.0-109.9	2888	2446	2562	2843	3028	4487	8124	3427	1893	3276	3304
110.0-114.9	981	831	870	966	1028	1524	2205	1272	1113	775	1863
115.0-119.9	2548	2157	2260	2508	2670	3958	4330	3403	4244	1114	4404
120.0-124.9	2096	1775	1859	2064	2197	3256	3549	2946	3363	947	3103
125.0-129.9	1356	1148	1203	1335	1421	2106	2314	1728	2331	575	1368
130.0-134.9	459	388	407	452	481	712	795	467	892	170	1317
135.0-139.9	579	490	513	569	606	898	1140	173	1389	133	2211
140.0-144.9	592	501	524	582	620	918	1178	180	1402	174	1415
145.0-149.9	239	202	212	235	251	372	476	78	562	154	1942
150.0-154.9	191	162	169	188	200	297	362	57	474	117	1109
155.0-159.9	19	17	17	19	20	31	39	22	31	42	426
160.0-164.9	38	32	34	38	40	59	79	44	55	85	851
165.0-169.9	4	3	3	4	4	6	1	15	2	0	149
170.0-174.9	12	10	10	11	12	17	3	45	6	0	448
175.0-179.9	8	7	7	8	8	12	2	30	4	0	298
180.0-184.9	4	3	3	4	4	6	1	15	2	0	149
185.0-189.9	13	11	12	13	14	20	0	40	22	0	0
190.0-194.9	13	11	12	13	14	20	0	40	22	0	0
TOTAL # FISH	31087	26319	27570	30604	32581	48288	78302	33526	33107	83405	67753
TOTAL CATCH(MT)	645	546	572	635	676	1002	1501	698	813	496	1573
TASKI MT OR # FISH	645	546	572	635	676	1002	1501	698	813	996	1473
# FISH(ORIG.REC)	.3211E+05	.2719E+05	.2848E+05	.3162E+05	.3365E+05	.4989E+05	.8278E+05	.3342E+05	.3370E+05	.8181E+05	.6054E+05
MT(ORIGINAL REC)	666.2	564.0	590.8	656.0	698.2	1035.	1587.	695.7	827.6	976.9	1316.
RAISING FACTOR	.9700	.9700	.9700	.9700	.9700	.9700	.9500	1.000	.9800	1.020	1.120
MEAN LENGTH (CM)	99.78	99.78	99.78	99.78	99.78	99.78	97.58	100.1	104.9	83.11	98.62
MEAN WEIGHT (KG)	20.75	20.75	20.75	20.75	20.75	20.75	19.17	20.82	24.56	11.94	21.74

AREA EAST
COUNTRY ESPANA
GEAR BB

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3	3
50.0- 54.9	0	0	0	0	0	0	0	0	0	171	883
55.0- 59.9	185	94	61	158	2059	75	783	13710	2119	7192	14773
60.0- 64.9	667	335	219	570	7404	268	2816	49316	7506	25416	61446
65.0- 69.9	482	243	158	411	5345	194	2033	35606	5389	10111	10800
70.0- 74.9	3453	5339	2125	3630	5506	3357	5704	4060	1203	1747	7466
75.0- 79.9	11520	17743	7085	12108	18369	11199	19032	13544	4012	8543	19546
80.0- 84.9	13843	21425	8515	14550	22073	13452	22840	16274	4822	11147	41183
85.0- 89.9	3453	5339	2124	3629	5506	3357	5704	4060	1203	2892	623
90.0- 94.9	960	775	709	2487	879	994	1269	693	1483	1812	426
95.0- 99.9	1606	1298	1186	4158	1472	1662	2123	1160	2481	4057	957
100.0-104.9	4161	3361	3074	10777	3816	4311	5504	3005	6341	4543	897
105.0-109.9	2580	351	1542	5462	2253	2144	3047	2338	4051	1635	628
110.0-114.9	983	612	363	1327	792	491	936	1186	1584	454	666
115.0-119.9	3519	1808	574	2102	2067	738	2071	4043	4581	908	545
120.0-124.9	2322	1233	438	1730	1739	551	1790	3351	3817	670	221
125.0-129.9	2197	1107	324	1120	1079	426	1055	2138	2412	482	248
130.0-134.9	1203	579	136	380	334	191	289	703	778	453	73
135.0-139.9	3489	1612	258	524	336	441	121	883	916	737	306
140.0-144.9	3698	2502	388	556	385	516	143	978	1002	1257	100
145.0-149.9	1915	4844	1164	296	336	485	144	701	656	906	167
150.0-154.9	1290	2182	522	197	188	262	77	413	399	839	47
155.0-159.9	292	1427	1023	34	50	82	88	104	100	822	53
160.0-164.9	590	2852	582	66	101	163	85	208	196	572	36
165.0-169.9	83	537	797	0	0	7	34	8	14	533	13
170.0-174.9	248	1607	1891	0	0	19	0	27	35	650	36
175.0-179.9	166	1071	1344	0	0	13	0	16	26	259	67
180.0-184.9	83	536	797	0	0	7	0	37	20	31	67
185.0-189.9	0	330	2196	0	0	0	0	30	8	31	34
190.0-194.9	0	330	2197	0	0	0	0	0	0	0	0
195.0-199.9	0	0	315	0	0	0	0	0	0	0	0
200.0-204.9	0	0	343	0	0	0	0	0	0	0	0
TOTAL # FISH	64985	81470	42446	66271	82085	45405	77685	158590	57151	88087	125294
TOTAL CATCH(MT)	1511	2141	1696	1089	1018	680	1025	1577	1085	1200	860
TASKI MT OR # FISH	1511	2141	1696	1089	1018	680	1025	1577	1085	1200	860
# FISH(ORIG.REC)	.5964E+05	.5034E+05	.4461E+05	.6113E+05	.7094E+05	.3761E+05	.6807E+05	.1399E+06	.5055E+05	.7041E+05	.1044E+06
MT(ORIGINAL REC)	1387.	1323.	1783.	1004.	879.7	563.3	898.1	1391.	959.6	959.4	716.6
RAISING FACTOR	1.090	1.620	.9500	1.080	1.160	1.210	1.140	1.130	1.130	1.250	1.200
MEAN LENGTH (CM)	101.5	102.7	115.7	92.97	83.52	89.36	86.12	75.26	94.61	81.41	68.32
MEAN WEIGHT (KG)	23.25	26.28	39.96	16.43	12.40	14.98	13.19	9.940	18.98	13.63	6.860

AREA EAST
COUNTRY ESPANA
GEAR HAND

YEAR	77	78	79	80	81
QUARTER	3	3	3	3	3
85.0- 89.9	0	0	0	0	1
95.0- 99.9	0	0	3	0	3
100.0-104.9	0	0	0	0	4
105.0-109.9	0	0	3	0	3
110.0-114.9	0	0	3	2	2
115.0-119.9	0	0	3	5	1
120.0-124.9	0	0	3	0	2
125.0-129.9	0	0	8	5	8
130.0-134.9	0	0	6	2	5
135.0-139.9	0	0	21	5	16
140.0-144.9	0	0	3	0	20
145.0-149.9	1	1	11	2	20
150.0-154.9	3	4	11	6	28
155.0-159.9	1	1	17	8	17
160.0-164.9	1	1	19	15	16
165.0-169.9	5	6	35	8	10
170.0-174.9	5	7	84	6	6
175.0-179.9	3	5	131	6	6
180.0-184.9	9	14	172	11	9
185.0-189.9	5	8	193	11	12
190.0-194.9	14	22	169	2	6
195.0-199.9	23	35	230	8	7
200.0-204.9	21	31	169	11	17
205.0-209.9	37	55	212	15	27
210.0-214.9	28	42	261	8	16
215.0-219.9	36	54	212	13	24
220.0-224.9	31	48	227	11	22
225.0-229.9	38	57	183	8	25
230.0-234.9	72	108	185	13	12
235.0-239.9	60	91	193	2	6
240.0-244.9	104	156	271	13	14
245.0-249.9	120	181	351	6	15
250.0-254.9	122	183	279	15	17
255.0-259.9	100	149	322	6	21
260.0-264.9	137	207	284	5	20
265.0-269.9	94	142	191	6	5
270.0-274.9	55	82	126	5	2
275.0-279.9	24	36	56	0	2
280.0-284.9	17	26	32	0	0
285.0-289.9	6	10	27	0	2
290.0-294.9	5	6	27	0	2
295.0-299.9	5	6	11	0	0
300.0-304.9	0	0	3	0	0
305.0-309.9	1	1	3	0	0
310.0-314.9	0	0	3	0	0
TOTAL # FISH	1181	1771	4750	237	457
TOTAL CATCH(MT)	300	450	998	38	70
TASKI MT OR # FISH	300	450	998	38	70

# FISH(ORIG.REC)	1316.	1973.	4888.	203.0	451.0
MT(ORIGINAL REC)	334.2	501.1	1027.	32.54	69.01
RAISING FACTOR	.9000	.9000	.9700	1.170	1.010
MEAN LENGTH (CM)	244.6	244.6	226.8	203.4	197.9
MEAN WEIGHT (KG)	254.0	254.0	210.1	160.3	153.0

AREA EAST
COUNTRY ESPAÑA Canarias
YEAR 88

YEAR	65	66	67	68	69	70	71	72	73	74	75
QUARTER	2	2	2	2	2	2	2	2	2	2	2
190.0-194.9	0	1	0	0	0	0	0	0	0	0	0
200.0-204.9	1	1	0	0	0	0	0	0	0	0	0
205.0-209.9	5	2	7	1	0	0	3	0	0	0	0
210.0-214.9	18	9	13	1	2	3	6	0	0	0	11
215.0-219.9	45	27	29	7	4	8	9	11	3	2	0
220.0-224.9	87	68	40	31	46	15	27	28	13	6	11
225.0-229.9	144	114	118	83	108	66	75	74	27	18	74
230.0-234.9	167	171	136	127	153	204	151	184	96	43	148
235.0-239.9	167	217	211	137	203	318	283	361	255	100	190
240.0-244.9	122	152	204	158	205	443	443	560	431	202	549
245.0-249.9	74	118	151	153	298	540	530	641	554	314	370
250.0-254.9	40	59	91	180	155	514	590	684	607	371	475
255.0-259.9	16	20	41	122	54	270	467	538	561	349	602
260.0-264.9	7	8	13	80	9	127	271	269	428	275	571
265.0-269.9	0	5	4	8	2	38	127	152	242	171	190
270.0-274.9	0	1	1	2	1	5	42	32	83	80	201
275.0-279.9	0	1	1	1	0	3	15	14	20	27	32
280.0-284.9	0	0	0	0	0	0	0	0	10	6	42
285.0-289.9	0	0	0	0	0	0	0	0	0	2	63
TOTAL # FISH	893	974	1060	1091	1240	2554	3039	3548	3330	1966	3529

TOTAL CATCH(MT)	196	221	246	271	297	650	799	929	905	545	977
TASKI MT OR # FISH	197	222	247	271	296	650	800	930	906	546	978
# FISH(ORIG.REC)	893.0	974.0	1060.	1091.	1240.	2554.	3039.	3548.	3330.	1966.	3529.
MT(ORIGINAL REC)	196.8	221.9	247.0	271.6	297.5	650.0	799.8	929.8	905.9	545.6	977.8
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	234.5	237.2	239.1	244.5	241.6	246.6	249.4	249.0	252.3	254.0	253.7
MEAN WEIGHT (KG)	220.4	227.8	233.0	248.9	239.9	254.5	263.2	262.1	272.0	277.5	277.1

AREA EAST
COUNTRY ESPAÑA Canarias
GEAR BB

YEAR	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2
50.0- 54.9	0	306	0	0	0	0
55.0- 59.9	0	153	0	0	0	0
60.0- 64.9	748	153	0	0	13	0
65.0- 69.9	499	0	0	0	79	0
70.0- 74.9	249	0	0	0	26	0
75.0- 79.9	0	38	0	0	13	0
80.0- 84.9	0	306	0	0	0	0
85.0- 89.9	0	612	0	0	0	0
90.0- 94.9	0	153	0	0	0	0
95.0- 99.9	0	0	0	0	26	0
100.0-104.9	0	38	0	0	79	0
105.0-109.9	0	115	0	0	0	0
110.0-114.9	0	689	0	0	0	0
115.0-119.9	0	268	0	0	0	0
120.0-124.9	0	0	0	27	13	0
125.0-129.9	0	0	0	0	0	37
135.0-139.9	0	0	0	0	0	74
140.0-144.9	0	0	0	0	26	74
145.0-149.9	0	0	0	0	0	74
150.0-154.9	0	0	0	0	13	148
155.0-159.9	0	0	0	0	0	148
160.0-164.9	0	0	0	136	0	148
165.0-169.9	0	0	0	0	0	148
170.0-174.9	0	0	0	109	0	37
175.0-179.9	0	0	0	27	13	37
185.0-189.9	0	0	0	0	13	0
190.0-194.9	0	0	0	354	52	0
195.0-199.9	0	0	87	381	26	0
200.0-204.9	0	0	175	245	0	0
205.0-209.9	0	38	44	109	39	37
210.0-214.9	0	0	175	82	92	0
215.0-219.9	0	0	175	0	39	111
220.0-224.9	166	115	262	27	105	258
225.0-229.9	0	38	567	136	197	258
230.0-234.9	0	115	741	136	131	332
235.0-239.9	166	421	741	109	105	221
240.0-244.9	166	421	480	82	105	111
245.0-249.9	416	153	960	245	92	111
250.0-254.9	582	459	741	109	233	184
255.0-259.9	249	574	960	136	171	0
260.0-264.9	416	689	218	299	52	111
265.0-269.9	332	421	44	436	92	74
270.0-274.9	166	306	0	109	66	74
275.0-279.9	249	153	0	109	18	37
280.0-284.9	0	191	0	27	13	33
285.0-289.9	0	77	44	27	0	0
290.0-294.9	0	38	43	0	0	0
295.0-299.9	0	0	0	27	0	0
TOTAL # FISH	4404	7040	6457	3484	1942	2877

TOTAL CATCH(MT)	831	1251	1547	760	397	523
TASKI MT OR # FISH	832	1250	1548	758	397	524
# FISH(ORIG.REC)	4404.	7040.	6457.	3484.	1942.	2877.
MT(ORIGINAL REC)	831.8	1252.	1548.	760.4	397.7	523.0
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	191.1	189.6	240.8	229.1	217.6	212.4
MEAN WEIGHT (KG)	188.9	177.8	239.7	218.2	204.8	181.8

AREA EAST
COUNTRY SWEDEN
GEAR UNCL

YEAR	60	61	70	71	75	76	77
QUARTER	3	3	3	3	3	3	3
220.0-220.9	1	0	0	0	0	0	0
225.0-225.9	2	0	0	0	0	0	0
226.0-226.9	1	0	0	0	0	0	0
227.0-227.9	1	0	0	0	0	0	0
228.0-228.9	1	0	0	0	0	0	0
229.0-229.9	1	0	0	0	0	0	0
230.0-230.9	4	1	0	0	0	0	0
231.0-231.9	3	0	0	0	0	0	0
232.0-232.9	3	0	0	0	0	0	0
233.0-233.9	3	0	0	0	0	0	0
234.0-234.9	3	0	0	0	0	0	0
235.0-235.9	7	1	0	0	0	0	0
236.0-236.9	4	1	0	0	0	0	0
237.0-237.9	4	1	0	0	0	0	1
238.0-238.9	4	1	0	0	0	0	1
239.0-239.9	4	1	0	0	0	0	0
240.0-240.9	9	2	0	0	0	0	0
241.0-241.9	5	1	0	1	0	0	0
242.0-242.9	5	1	1	1	0	0	1
243.0-243.9	5	1	1	1	0	0	1
244.0-244.9	5	1	0	0	0	0	0
245.0-245.9	9	3	1	1	0	0	0
246.0-246.9	4	2	0	1	0	0	0
247.0-247.9	4	2	0	0	0	0	0
248.0-248.9	4	2	0	0	0	0	0
249.0-249.9	4	2	0	0	0	0	0
250.0-250.9	7	3	0	0	0	1	0
251.0-251.9	3	1	0	0	0	1	0
252.0-252.9	3	1	1	1	0	0	0
253.0-253.9	3	1	1	1	0	1	0
254.0-254.9	3	1	1	1	0	2	0
255.0-255.9	4	2	0	1	0	1	1
256.0-256.9	2	1	0	0	0	0	1
257.0-257.9	2	1	0	0	0	1	0
258.0-258.9	2	1	0	0	0	1	1
259.0-259.9	2	1	0	0	0	1	1
260.0-260.9	2	1	0	0	0	1	1
261.0-261.9	1	0	0	0	0	1	1
262.0-262.9	1	0	0	0	1	1	0
263.0-263.9	1	0	0	0	0	1	0
264.0-264.9	1	0	0	0	0	1	0
265.0-265.9	1	0	0	0	0	1	0
266.0-266.9	0	0	0	0	0	1	0
267.0-267.9	0	0	0	0	0	0	1
268.0-268.9	0	0	0	0	0	1	1
269.0-269.9	0	0	0	0	0	1	0
270.0-270.9	0	0	0	0	0	1	0
272.0-272.9	0	0	0	0	0	1	0
273.0-273.9	0	0	0	0	0	1	0
276.0-276.9	0	0	0	0	0	1	0
277.0-277.9	0	0	0	0	0	1	0
280.0-280.9	0	0	0	0	0	1	0
281.0-281.9	0	0	0	0	0	1	0
TOTAL # FISH	138	37	6	9	1	25	12

TOTAL CATCH(MT)		41	11	2	3	0	9	4
TASK1 MT OR # FISH		42	13	4	3	2	8	2
# FISH(ORIG.REC)	138.0	37.00	6.000	9.000	1.000	25.00	12.00	
MT(ORIGINAL REC)	40.57	11.31	1.923	2.813	.3420	9.256	3.992	
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
MEAN LENGTH (CM)	244.0	247.5	248.7	248.4	262.5	264.4	254.2	
MEAN WEIGHT (KG)	294.0	305.7	320.5	312.6	342.1	370.2	332.7	

AREA EAST
COUNTRY OTHERS
GEAR LL

YEAR	64	64	64	64	68	68	68	68	69	69	69
QUARTER	1	2	3	4	1	2	3	4	1	2	3
138.0-139.9	0	0	0	0	0	0	0	0	0	2	6
140.0-141.9	0	0	0	0	0	0	0	0	0	2	6
146.0-147.9	0	0	0	0	0	0	0	0	0	2	6
148.0-149.9	0	0	0	0	0	0	0	0	0	2	6
150.0-151.9	0	0	0	0	0	0	0	0	0	2	6
152.0-153.9	0	0	0	0	0	0	0	0	0	2	6
154.0-155.9	0	0	0	0	0	0	0	0	0	0	0
156.0-157.9	0	0	0	0	0	0	0	0	0	0	0
158.0-159.9	0	0	0	0	0	0	0	0	0	0	0
160.0-161.9	0	0	0	0	0	0	0	0	0	0	0
164.0-165.9	0	0	0	0	0	0	0	0	0	0	0
166.0-167.9	0	0	0	0	0	0	0	0	0	0	0
168.0-169.9	0	0	0	0	0	0	0	0	0	8	19
170.0-171.9	0	0	0	0	0	0	0	0	0	5	13
172.0-173.9	0	0	0	0	0	0	0	0	0	2	6
174.0-175.9	0	0	0	0	0	0	0	0	0	2	6
176.0-177.9	0	0	0	0	0	0	0	0	0	5	13
178.0-179.9	0	0	0	0	0	0	0	0	0	14	32
180.0-181.9	0	0	0	0	0	0	0	0	0	8	19
182.0-183.9	1	0	1	1	0	0	0	0	0	19	46
184.0-185.9	1	1	1	1	0	0	0	0	0	22	52
186.0-187.9	2	1	2	1	0	0	0	0	0	25	59
188.0-189.9	2	1	1	1	0	0	0	0	0	19	46
190.0-191.9	1	1	1	1	0	0	0	0	0	16	39
192.0-193.9	2	1	2	1	0	0	0	0	0	14	32
194.0-195.9	2	1	2	1	0	0	0	0	0	10	26
196.0-197.9	1	1	1	1	0	0	0	0	0	0	0
198.0-199.9	2	1	2	2	0	0	0	0	0	10	26
200.0-201.9	1	1	1	1	0	0	0	0	0	19	46
202.0-203.9	1	0	1	1	0	0	0	0	0	16	39
204.0-205.9	1	0	1	0	0	0	0	0	0	8	19
206.0-207.9	1	1	1	1	69	157	257	13	0	19	46
208.0-209.9	1	0	1	1	0	0	0	0	0	10	26
210.0-211.9	0	0	0	0	0	0	0	0	0	0	0
212.0-213.9	0	0	0	0	34	78	129	6	0	8	19
216.0-217.9	0	0	0	0	0	0	0	0	0	2	6
220.0-221.9	0	0	0	0	0	0	0	0	0	0	0
222.0-223.9	0	0	0	0	0	0	0	0	0	0	0
224.0-225.9	0	0	0	0	0	0	0	0	0	2	6
226.0-227.9	0	0	0	0	0	0	0	0	0	8	19
228.0-229.9	1	0	1	0	0	0	0	0	0	5	13
230.0-231.9	0	0	0	0	0	0	0	0	0	8	19
232.0-233.9	0	0	0	0	0	0	0	0	0	2	6
246.0-247.9	0	0	0	0	34	78	129	6	0	5	13
248.0-249.9	0	0	0	0	0	0	0	0	0	8	19
258.0-259.9	0	0	0	0	0	0	0	0	0	2	6
260.0-261.9	0	0	0	0	0	0	0	0	0	2	6
TOTAL # FISH	21	11	20	16	137	313	514	25	0	318	774

TOTAL CATCH(MT)	2	1	2	2	24	56	93	4	0	43	105
TASKI MT OR # FISH	2	1	2	2	24	56	93	4	0	43	105
# FISH(ORIG.REC)	902.0	489.0	858.0	681.0	11.00	25.00	41.00	2.000	0.	2.000	6.000
MT(ORIGINAL REC)	116.4	63.08	110.7	87.85	1.997	4.537	7.441	.3630	0.	.2722	.8166
RAISING FACTOR	.2000E-01	.2000E-01	.2000E-01	.2000E-01	12.54	12.54	12.54	12.54	114.0	114.0	114.0
MEAN LENGTH (CM)	194.4	194.4	194.4	194.4	218.5	218.5	218.5	218.5	196.6	196.6	196.6
MEAN WEIGHT (KG)	129.0	129.0	129.0	129.0	181.5	181.5	181.5	181.5	136.1	136.1	136.1

AREA EAST
COUNTRY OTHERS
GEAR LL

YEAR	69	70	70	70	70	71	71	71	71	72	72
QUARTER	4	1	2	3	4	1	2	3	4	1	2
98.0- 99.9	0	0	0	0	0	0	0	0	0	0	1
100.0-101.9	0	0	0	0	0	0	0	0	0	0	0
102.0-103.9	0	0	0	0	0	0	0	0	0	0	0
104.0-105.9	0	0	0	0	0	0	0	0	0	1	0
106.0-107.9	0	0	0	0	0	0	0	0	0	0	0
108.0-109.9	0	0	0	0	0	0	0	0	0	0	0
110.0-111.9	0	0	0	0	0	0	0	0	0	0	0
136.0-137.9	0	0	1	0	0	0	0	0	0	0	0
138.0-139.9	1	0	2	0	0	0	0	0	0	0	0
140.0-141.9	1	0	2	0	0	0	0	0	0	0	0
144.0-145.9	0	0	0	0	0	0	0	0	0	0	0
146.0-147.9	1	0	2	0	0	0	0	0	0	2	0
148.0-149.9	1	0	2	0	0	0	0	0	0	13	0
150.0-151.9	1	0	2	0	0	0	0	0	0	0	0
152.0-153.9	1	0	2	0	0	0	0	0	0	0	0
154.0-155.9	0	0	0	0	0	0	0	0	0	0	0
156.0-157.9	0	0	0	0	0	0	0	0	0	1	0
158.0-159.9	0	0	0	0	0	0	0	0	0	0	1
164.0-165.9	0	0	0	0	0	0	1	0	0	0	0
166.0-167.9	0	0	0	0	0	0	1	0	0	0	1
168.0-169.9	5	2	8	0	0	0	1	0	0	0	0
170.0-171.9	3	1	6	0	0	0	3	0	0	0	0
172.0-173.9	1	1	3	0	0	0	2	0	0	0	0
174.0-175.9	1	1	3	0	0	0	1	0	0	1	1
176.0-177.9	3	1	6	0	0	0	0	0	0	0	1
178.0-179.9	9	2	12	1	0	0	1	0	0	1	1
180.0-181.9	5	2	9	0	0	0	1	0	0	0	0
182.0-183.9	13	4	18	1	0	0	1	0	0	1	1
184.0-185.9	15	4	21	1	0	0	0	0	0	0	1
186.0-187.9	16	5	23	1	0	0	2	0	0	0	2
188.0-189.9	13	4	17	1	0	0	0	0	0	0	5
190.0-191.9	10	3	15	1	0	0	1	0	0	0	2
192.0-193.9	9	3	13	1	0	0	4	0	0	1	3
194.0-195.9	7	2	10	0	0	0	1	0	0	1	2
196.0-197.9	0	0	0	0	0	0	2	0	0	2	8
198.0-199.9	7	2	10	0	0	0	1	0	0	1	6
200.0-201.9	13	4	17	1	0	0	2	0	0	0	5
202.0-203.9	10	3	14	1	0	0	0	0	0	3	3
204.0-205.9	5	2	8	0	0	0	2	0	0	1	6
206.0-207.9	13	2	9	0	0	0	0	0	1	4	2
208.0-209.9	7	2	11	1	0	0	4	0	1	0	1
210.0-211.9	0	0	1	0	0	0	3	0	1	0	2
212.0-213.9	5	1	3	0	0	0	5	0	0	1	0
214.0-215.9	0	0	1	0	0	0	1	0	1	1	0
216.0-217.9	1	1	3	0	0	0	2	0	1	2	1
218.0-219.9	0	0	0	0	0	0	1	0	1	0	1
220.0-221.9	0	0	0	0	0	0	1	0	1	1	1
222.0-223.9	0	0	0	0	0	0	2	0	1	0	1
224.0-225.9	1	0	2	0	0	0	1	0	1	1	2
226.0-227.9	5	1	7	0	0	0	1	0	0	1	2
228.0-229.9	3	1	4	0	0	0	0	0	0	1	0
230.0-231.9	5	2	8	0	0	0	0	0	1	1	3
232.0-233.9	1	1	4	0	0	0	0	0	0	1	2
234.0-235.9	0	0	0	0	0	0	1	0	1	0	4
236.0-237.9	0	0	0	0	0	0	1	0	1	0	2
238.0-239.9	0	0	0	0	0	0	1	0	1	0	1
240.0-241.9	0	0	0	0	0	0	0	0	0	0	2
242.0-243.9	0	0	0	0	0	0	0	0	0	0	0
244.0-245.9	0	0	0	0	0	0	0	0	1	1	1
246.0-247.9	3	0	0	0	0	0	0	0	1	1	1
248.0-249.9	5	2	8	0	0	0	0	0	0	0	0
250.0-251.9	0	0	0	0	0	0	1	0	0	0	1
252.0-253.9	0	0	0	0	0	0	0	0	1	1	1
254.0-255.9	0	0	0	0	0	0	0	0	0	0	0
256.0-257.9	0	0	0	0	0	0	0	0	0	1	1
258.0-259.9	1	1	3	0	0	0	0	0	0	0	1
260.0-261.9	1	0	1	0	0	0	0	0	0	0	0
262.0-263.9	0	0	0	0	0	0	0	0	0	0	0
264.0-265.9	0	0	0	0	0	0	0	0	1	0	0
TOTAL # FISH	200	59	289	13	0	3	51	0	20	50	83

TOTAL CATCH(MT)		27	7	38	1	0	0	7	0	4	6	13
TASK1 MT OR # FISH		27	7	38	1	0	0	7	0	4	6	13
# FISH(ORIG,REC)	1.000	20.00	100.0	4.000	0.	37.00	555.0	2.000	218.0	293.0	483.0	
MT(ORIGINAL REC)	.1361	2.668	13.34	.5336	0.	5.049	78.62	.1227	45.99	39.74	76.95	
RAISING FACTOR	114.0	2.880	2.880	2.880	2.880	.9000E-01	.9000E-01	.9000E-01	.9000E-01	.1700	.1700	
MEAN LENGTH (CM)	196.6	195.3	195.3	195.3	195.3	197.0	199.6	138.0	229.2	192.2	207.4	
MEAN WEIGHT (KG)	136.1	133.4	133.4	133.4	133.4	136.5	141.7	61.33	211.0	135.6	159.3	

AREA EAST
COUNTRY OTHERS
GEAR LL

YEAR	72	72	73	73	73	74	74	74	74	75	75
QUARTER	3	4	1	2	4	1	2	3	4	1	2
64.0- 65.9	0	1	0	0	0	0	0	0	0	0	0
70.0- 71.9	0	0	0	0	0	0	0	5	0	0	0
72.0- 73.9	0	0	0	0	0	0	0	0	0	0	0
74.0- 75.9	0	0	0	0	0	0	0	0	0	0	0
78.0- 79.9	0	0	0	0	0	0	0	5	0	0	0
90.0- 91.9	0	0	0	0	0	0	0	9	0	0	0
94.0- 95.9	0	0	0	0	0	0	0	9	0	0	0
96.0- 97.9	0	0	0	0	0	0	0	0	0	0	0
98.0- 99.9	0	0	0	0	0	0	0	5	0	0	0
100.0-101.9	0	0	0	0	0	0	0	5	0	0	0
102.0-103.9	0	0	0	0	0	0	0	5	0	0	0
104.0-105.9	0	0	0	0	0	0	0	5	0	0	0
106.0-107.9	0	0	0	0	0	0	0	5	0	0	0
108.0-109.9	0	0	0	0	0	0	0	5	0	0	0
110.0-111.9	0	0	0	0	0	0	0	9	0	0	0
114.0-115.9	0	0	0	0	0	0	0	0	0	0	0
116.0-117.9	0	0	0	0	0	0	0	5	0	0	0
118.0-119.9	0	0	0	0	0	0	0	0	0	0	0
120.0-121.9	0	0	0	0	0	0	0	0	0	0	0
122.0-123.9	0	0	0	0	0	0	0	0	0	0	0
124.0-125.9	0	0	0	0	0	0	0	19	0	0	0
126.0-127.9	0	0	0	0	0	0	0	0	0	0	0
128.0-129.9	0	0	0	0	0	0	0	5	0	0	0
130.0-131.9	0	0	0	0	0	0	0	5	0	0	0
132.0-133.9	0	0	0	0	0	0	0	0	0	0	0
134.0-135.9	0	0	0	0	0	0	0	0	0	0	0
136.0-137.9	0	0	0	0	0	0	0	5	0	0	0
138.0-139.9	0	0	0	0	0	0	0	19	0	0	0
140.0-141.9	0	0	0	0	0	0	0	0	0	0	0
142.0-143.9	0	0	0	0	0	0	0	9	0	0	0
144.0-145.9	0	0	0	0	0	0	0	5	0	0	0
146.0-147.9	0	0	0	0	0	0	0	5	0	0	0
148.0-149.9	0	0	0	0	0	0	0	0	0	0	0
150.0-151.9	0	1	0	0	0	0	0	14	0	0	0
152.0-153.9	0	0	0	0	0	0	0	0	0	0	0
154.0-155.9	0	0	0	0	0	0	0	9	0	0	0
156.0-157.9	0	0	0	0	0	0	0	9	0	0	0
158.0-159.9	0	0	0	0	0	0	0	5	0	0	0
160.0-161.9	0	0	0	0	0	0	0	14	0	0	0
162.0-163.9	0	0	0	0	0	0	0	0	0	0	0
164.0-165.9	0	0	0	0	0	0	0	5	0	0	0
166.0-167.9	0	0	0	0	0	0	0	0	0	0	0
168.0-169.9	0	0	0	0	0	0	0	0	0	0	0
170.0-171.9	0	0	0	0	0	0	0	0	0	0	0
172.0-173.9	0	1	0	0	0	0	0	0	0	0	0
174.0-175.9	0	0	0	0	0	0	0	0	0	0	0
176.0-177.9	0	0	0	0	0	0	0	0	0	0	0
178.0-179.9	0	0	0	0	0	0	0	9	0	0	0
180.0-181.9	0	0	0	0	0	0	0	0	0	0	0
182.0-183.9	0	0	0	0	0	0	0	0	0	0	0
184.0-185.9	1	1	0	0	0	0	0	0	0	0	0
186.0-187.9	2	0	0	0	0	0	0	0	0	0	0
188.0-189.9	0	0	0	0	0	0	0	0	0	0	0
190.0-191.9	1	0	0	0	0	0	0	0	0	0	0
192.0-193.9	0	0	0	0	0	0	0	0	0	0	0
194.0-195.9	1	0	0	0	0	0	0	0	0	0	0
196.0-197.9	1	0	0	0	0	0	0	5	0	0	1
198.0-199.9	1	0	0	0	0	0	1	0	0	0	0
200.0-201.9	1	0	0	0	0	0	0	0	0	0	0
202.0-203.9	1	0	0	0	0	0	0	0	0	0	1
204.0-205.9	0	0	0	0	0	0	1	0	0	0	1
206.0-207.9	0	0	0	0	0	0	1	0	0	1	2
208.0-209.9	0	0	0	0	0	0	2	0	0	1	1
210.0-211.9	0	0	0	0	0	0	1	0	0	1	1
212.0-213.9	0	0	0	0	0	0	1	0	0	1	2
214.0-215.9	0	0	0	0	0	1	2	0	0	2	1
216.0-217.9	0	0	0	0	0	1	2	0	0	2	1
218.0-219.9	0	0	0	0	0	1	4	1	0	3	2
220.0-221.9	0	0	18	69	0	1	3	1	0	2	1
222.0-223.9	0	0	0	0	0	1	2	0	0	2	1
224.0-225.9	0	0	0	0	0	1	3	1	0	2	1
226.0-227.9	0	0	0	0	0	1	3	1	0	2	1
228.0-229.9	0	0	0	0	0	1	4	1	0	3	2
230.0-231.9	0	0	0	0	0	1	3	1	0	2	1
232.0-233.9	1	1	0	0	0	0	2	0	0	1	1
234.0-235.9	0	0	0	0	0	1	4	1	0	3	1
236.0-237.9	0	0	0	0	0	1	3	1	0	2	1
238.0-239.9	0	0	0	0	0	1	3	1	0	3	1
240.0-241.9	0	0	0	0	0	1	3	1	0	2	1
242.0-243.9	0	0	0	0	0	4	4	1	0	2	1
244.0-245.9	0	0	0	0	0	1	3	1	0	2	1
246.0-247.9	0	0	0	0	0	1	2	0	0	1	1
248.0-249.9	0	0	0	0	0	1	2	0	0	2	1
250.0-251.9	0	0	0	0	0	0	1	0	0	1	1
252.0-253.9	0	0	0	0	0	1	1	0	0	1	1
254.0-255.9	0	0	0	0	0	1	2	0	0	1	1
256.0-257.9	0	0	0	0	0	0	1	0	0	1	1
258.0-259.9	0	0	18	69	0	0	1	0	0	1	1
260.0-261.9	0	0	0	0	0	0	1	0	0	1	0
262.0-263.9	0	0	0	0	0	0	1	0	0	1	1
264.0-265.9	0	0	0	0	0	0	1	0	0	1	1
266.0-267.9	0	0	0	0	0	0	1	0	0	1	1
268.0-269.9	0	0	0	0	0	0	1	0	0	1	1
270.0-271.9	0	0	0	0	0	0	1	0	0	1	0
272.0-273.9	0	0	0	0	0	0	0	0	0	0	0
274.0-275.9	0	0	0	0	0	0	0	0	0	0	0
276.0-277.9	0	0	0	0	0	0	0	0	0	0	0
278.0-279.9	0	0	0	0	0	0	0	0	0	0	0
280.0-281.9	0	0	0	0	0	0	0	0	0	0	0
282.0-283.9	0	0	0	0	0	0	0	0	0	0	0
284.0-285.9	0	0	0	0	0	0	0	0	0	0	0
288.0-289.9	0	0	0	0	0	0	0	0	0	0	0
290.0-291.9	0	0	0	0	0	0	0	0	0	0	0
300.0-301.9	0	0	0	0	0	0	0	0	0	0	0
304.0-305.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	18	3	35	137	12	24	75	227	55	27	57

TOTAL CATCH(MT)	2	0	8	32	3	5	16	13	11	5	12
TASK I MT OR # FISH	2	0	8	32	3	5	16	13	11	5	12
# FISH(ORIG.REC)	105.0	20.00	56.00	219.0	20.00	1326.	3993.	.1201E+05	2960.	6965.	.1440E+05
MT(ORIGINAL REC)	15.72	1.930	13.35	52.22	5.059	290.0	866.1	723.1	642.4	1494.	3060.
RAISING FACTOR	.1700	.1700	.6300	.6300	.6300	.2000E-01	.2000E-01	.2000E-01	.2000E-01	0.	0.
MEAN LENGTH (CM)	202.6	161.4	240.0	240.0	246.3	232.2	231.5	141.1	231.5	230.3	229.3
MEAN WEIGHT (KG)	149.7	96.52	238.4	238.4	253.8	218.7	216.9	60.19	217.8	214.5	212.5

AREA EAST
COUNTRY OTHERS
GEAR LL

YEAR	75	75	76	76	76	76	77	77	77	77	78
QUARTER	3	4	1	2	3	4	1	2	3	4	1
64.0- 65.9	0	0	0	0	0	0	0	0	0	0	0
66.0- 69.9	0	0	0	0	0	0	0	0	0	0	0
70.0- 71.9	0	0	0	0	0	0	0	0	0	0	0
72.0- 73.9	0	0	0	0	0	0	0	0	0	0	0
74.0- 75.9	0	0	0	0	0	0	0	1	0	0	0
76.0- 77.9	0	0	0	0	0	0	0	1	0	0	0
78.0- 79.9	0	0	0	0	0	0	0	0	0	0	0
80.0- 81.9	0	0	0	0	0	0	0	0	0	0	0
82.0- 83.9	0	0	0	0	0	0	0	0	0	0	0
84.0- 85.9	0	0	0	0	0	0	0	0	0	0	0
86.0- 87.9	0	0	0	0	0	0	0	0	0	0	0
88.0- 89.9	0	0	0	0	0	0	0	0	0	0	0
90.0- 91.9	0	0	0	0	0	0	0	0	0	0	0
92.0- 93.9	0	0	0	0	0	0	0	0	0	0	0
94.0- 95.9	0	0	0	0	2	0	0	1	0	0	0
96.0- 97.9	0	0	0	0	0	0	0	1	0	0	0
98.0- 99.9	0	0	0	0	0	0	0	1	0	0	0
100.0-101.9	0	0	0	0	0	0	0	0	0	0	0
102.0-103.9	0	0	0	0	0	0	0	0	0	0	0
104.0-105.9	0	0	0	0	0	0	0	0	0	0	0
106.0-107.9	0	0	0	0	1	0	0	0	0	0	0
108.0-109.9	0	0	0	0	0	0	0	1	0	0	0
110.0-111.9	0	0	0	0	0	0	0	0	0	0	0
112.0-113.9	0	0	0	0	0	0	0	0	0	0	0
114.0-115.9	0	0	0	0	0	0	0	1	0	0	0
116.0-117.9	0	0	0	0	0	0	0	1	0	0	0
118.0-119.9	1	0	0	0	0	0	0	2	0	0	0
120.0-121.9	1	0	0	0	0	0	0	0	0	0	0
122.0-123.9	0	0	0	0	0	0	0	1	0	0	0
124.0-125.9	0	0	0	0	0	0	0	1	0	0	0
126.0-127.9	0	0	0	0	0	0	0	0	0	0	0
128.0-129.9	1	0	0	0	0	0	0	1	0	0	0
130.0-131.9	1	0	0	0	0	0	0	0	0	0	0
132.0-133.9	0	0	0	0	0	0	0	0	0	0	0
134.0-135.9	0	0	0	0	0	0	1	1	0	0	0
136.0-137.9	0	0	0	0	0	0	0	1	0	0	0
138.0-139.9	0	0	0	0	0	0	0	1	0	0	0
140.0-141.9	0	0	0	0	0	0	0	0	0	0	0
142.0-143.9	0	0	0	0	0	0	1	1	0	0	0
144.0-145.9	0	0	0	0	0	0	0	0	0	0	0
146.0-147.9	0	0	0	0	0	0	1	1	0	0	0
148.0-149.9	0	0	0	1	0	0	5	4	0	0	0
150.0-151.9	0	0	0	0	0	0	0	0	0	0	0
152.0-153.9	0	0	0	0	0	0	5	3	0	0	0
154.0-155.9	0	0	0	0	1	0	0	2	0	0	0
156.0-157.9	0	0	0	0	2	0	1	4	0	0	0
158.0-159.9	0	0	0	0	0	0	3	6	0	0	0
160.0-161.9	0	0	0	0	1	0	1	3	0	0	37
162.0-163.9	0	0	0	0	1	0	1	6	0	0	0
164.0-165.9	0	0	0	0	0	0	6	4	0	0	0
166.0-167.9	0	0	0	0	0	0	0	5	0	0	0
168.0-169.9	0	0	0	0	0	0	3	10	0	0	0
170.0-171.9	0	0	0	1	0	0	5	7	0	0	0
172.0-173.9	0	0	0	0	0	0	0	11	0	0	0
174.0-175.9	0	0	0	1	0	0	1	9	0	0	0
176.0-177.9	0	0	0	0	0	0	1	20	0	0	0
178.0-179.9	0	0	0	0	0	0	4	13	0	0	0
180.0-181.9	0	0	0	0	0	0	1	6	0	0	0
182.0-183.9	0	0	0	1	0	0	3	16	0	0	0
184.0-185.9	0	0	0	1	0	0	0	7	0	0	0
186.0-187.9	0	0	0	0	0	0	1	31	1	0	0
188.0-189.9	0	0	1	1	1	0	0	26	0	0	0
190.0-191.9	0	0	0	1	0	0	0	18	0	0	0
192.0-193.9	0	0	0	1	0	0	4	27	0	0	0
194.0-195.9	0	0	0	1	1	0	7	31	0	0	0
196.0-197.9	0	0	0	1	0	0	1	31	0	0	0
198.0-199.9	0	0	1	2	0	0	1	19	0	0	37
200.0-201.9	0	0	0	1	0	0	1	13	0	0	0
202.0-203.9	0	0	0	1	2	0	3	31	0	0	0
204.0-205.9	0	0	0	1	1	0	3	19	0	0	0
206.0-207.9	0	0	0	3	2	0	0	37	1	0	0
208.0-209.9	0	0	1	5	1	0	5	31	0	0	9
210.0-211.9	0	0	0	3	0	0	1	18	0	0	0
212.0-213.9	0	0	0	1	0	0	1	30	0	0	0
214.0-215.9	0	0	1	4	3	0	4	42	0	0	0
216.0-217.9	0	0	0	3	2	0	0	48	0	0	0
218.0-219.9	0	0	1	8	4	0	1	26	1	0	0
220.0-221.9	0	0	1	5	1	0	0	21	1	0	0
222.0-223.9	0	0	1	5	2	0	0	27	2	0	0
224.0-225.9	0	0	2	9	2	0	1	35	3	0	0
226.0-227.9	0	0	0	7	0	0	1	29	4	0	0
228.0-229.9	0	0	2	9	3	0	1	30	2	0	0
230.0-231.9	0	0	1	7	2	0	1	22	5	0	0
232.0-233.9	0	0	1	8	1	0	3	31	3	1	37
234.0-235.9	0	0	3	16	1	0	0	31	3	1	0
236.0-237.9	0	0	1	10	1	0	0	11	3	2	0
238.0-239.9	0	0	2	14	1	42	1	28	5	0	0
240.0-241.9	0	0	1	10	2	0	0	12	5	2	0
242.0-243.9	0	0	2	9	1	0	1	14	3	1	0
244.0-245.9	0	0	4	13	1	0	3	18	7	5	0
246.0-247.9	0	0	3	9	0	0	0	7	3	7	0
248.0-249.9	0	0	2	5	1	0	0	22	6	10	0
250.0-251.9	0	0	3	8	1	0	0	6	3	6	0
252.0-253.9	0	0	3	5	0	0	0	4	6	9	0
254.0-255.9	0	0	1	5	0	0	0	11	3	3	0
256.0-257.9	0	0	1	2	0	0	0	2	1	2	0
258.0-259.9	0	0	1	3	0	0	0	14	1	5	0
260.0-261.9	0	0	2	3	0	0	0	1	2	3	0
262.0-263.9	0	0	1	5	0	0	0	0	1	2	0
264.0-265.9	0	0	1	4	0	0	0	4	1	0	0
266.0-267.9	0	0	1	2	0	0	0	0	0	0	0

266.0-269.9	0	0	1	2	0	0	0	6	1	0
270.0-271.9	0	0	0	1	0	0	0	2	0	0
272.0-273.9	0	0	1	2	0	0	0	0	0	0
274.0-275.9	0	0	0	1	0	0	0	0	0	0
276.0-277.9	0	0	0	1	0	0	0	0	0	0
278.0-279.9	0	0	0	1	0	0	0	2	0	0
280.0-281.9	0	0	0	0	0	0	0	0	0	0
282.0-283.9	0	0	0	1	0	0	0	0	0	0
284.0-285.9	0	0	0	0	0	0	0	0	0	0
286.0-287.9	0	0	0	0	0	0	0	0	0	0
288.0-289.9	0	0	0	1	0	0	0	1	0	0
290.0-291.9	0	0	0	0	0	0	0	0	0	0
292.0-293.9	0	0	0	0	0	0	0	0	0	0
294.0-295.9	0	0	0	0	0	0	0	0	0	0
296.0-299.9	0	0	0	0	0	0	0	0	0	0
304.0-305.9	0	0	0	0	0	0	0	0	0	0
326.0-329.9	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	13	0	49	227	40	42	95	1014	85	63

TOTAL CATCH(MT)		1	0	11	51	6	9	11	170	19	16	
TASK1 MT OR # FISH		1	0	11	51	6	9	11	170	19	16	
# FISH(ORIG.REC)	3567.	155.0	1617.	7358.	1307.	1358.	748.0	7929.	666.0	495.0	1166.	
MT(ORIGINAL REC)	334.1	32.05	394.0	1654.	220.8	314.4	92.15	1337.	152.5	129.5	316.9	
RAISING FACTOR	0.	0.	.3000E-01	.3000E-01	.3000E-01	.3000E-01	.1300	.1300	.1300	.1300	.2000	
MEAN LENGTH (CM)	162.3	227.2	241.3	234.2	209.1	239.0	188.2	211.0	236.0	248.6	242.9	
MEAN WEIGHT (KG)	93.67	206.8	243.7	224.7	168.9	231.5	123.2	168.6	229.0	261.6	271.8	

AREA EAST
COUNTRY OTHERS
GEAR LL

YEAR	78	78	78	79	79	79	79	80	80	80	80
QUARTER	2	3	4	1	2	3	4	1	2	3	4
76.0- 79.9	0	0	0	0	0	0	0	0	0	0	0
80.0- 81.9	0	0	0	0	0	0	0	0	0	0	0
84.0- 85.9	0	0	0	0	0	0	0	0	0	0	0
86.0- 89.9	0	0	0	0	0	0	0	0	1	0	0
94.0- 95.9	0	0	0	0	0	0	0	0	1	0	0
96.0- 97.9	0	0	0	0	0	0	0	0	2	0	0
98.0- 99.9	2	0	0	0	0	0	0	0	5	0	0
100.0-101.9	0	0	0	0	0	0	0	0	0	0	0
102.0-103.9	0	0	0	0	0	0	0	0	1	0	0
104.0-105.9	0	0	0	0	0	0	0	0	2	0	0
106.0-109.9	0	0	0	0	0	0	0	0	2	0	0
110.0-111.9	0	0	0	0	0	0	0	0	0	0	0
112.0-113.9	0	0	0	0	0	0	0	0	0	0	0
114.0-115.9	0	0	0	0	0	0	0	0	1	0	0
116.0-117.9	0	0	0	0	0	0	0	0	1	0	0
118.0-119.9	10	0	0	0	0	0	0	0	4	0	0
120.0-121.9	0	0	0	0	0	0	0	0	0	0	0
124.0-125.9	2	0	0	0	0	0	0	0	0	0	0
126.0-127.9	0	0	0	0	0	0	0	0	0	0	0
128.0-129.9	7	0	0	0	1	0	0	0	0	0	0
130.0-131.9	0	0	0	0	0	0	0	0	0	0	0
132.0-133.9	0	0	0	0	0	0	0	0	0	0	0
134.0-135.9	2	0	0	0	0	0	0	0	0	0	0
136.0-137.9	10	0	0	0	0	0	0	0	1	0	0
138.0-139.9	7	0	0	0	1	0	0	0	1	0	0
140.0-141.9	0	0	0	0	0	0	0	0	6	0	0
142.0-143.9	0	0	0	0	0	1	0	0	5	0	0
144.0-145.9	2	0	0	0	1	1	0	0	6	0	0
146.0-147.9	2	0	0	0	2	0	0	0	1	0	0
148.0-149.9	15	0	0	1	4	1	0	0	5	0	1
150.0-151.9	7	0	0	0	0	0	0	0	0	0	0
152.0-153.9	0	0	0	0	2	1	0	0	1	0	0
154.0-155.9	0	0	0	0	2	1	0	0	6	0	1
156.0-157.9	0	0	0	0	4	1	0	0	4	0	0
158.0-159.9	5	0	0	1	12	1	0	4	9	0	1
160.0-161.9	6	0	0	0	0	0	0	4	4	0	1
162.0-163.9	0	0	0	0	1	1	0	0	12	0	0
164.0-165.9	0	0	0	0	4	1	0	2	6	0	1
166.0-167.9	0	0	0	0	6	0	0	0	7	0	1
168.0-169.9	7	0	0	1	11	1	0	0	6	0	1
170.0-171.9	0	0	0	0	1	1	0	0	7	0	1
172.0-173.9	0	0	0	0	2	1	0	0	11	0	1
174.0-175.9	0	0	0	0	14	1	0	0	24	0	3
176.0-177.9	0	0	0	0	11	0	0	0	13	0	1
178.0-179.9	7	0	0	2	16	1	0	2	12	0	2
180.0-181.9	0	0	0	0	1	0	0	0	8	0	1
182.0-183.9	0	0	0	0	3	0	0	2	6	0	1
184.0-185.9	2	0	0	1	14	0	0	2	17	0	2
186.0-187.9	0	0	0	0	4	0	0	2	8	0	1
188.0-189.9	0	0	0	1	17	1	0	8	11	0	2
190.0-191.9	0	0	0	0	2	0	0	4	5	0	1
192.0-193.9	0	0	0	0	3	0	0	6	10	0	0
194.0-195.9	0	0	0	1	6	0	0	15	10	0	1
196.0-197.9	0	0	0	0	2	0	0	0	7	0	1
198.0-199.9	6	0	0	3	10	0	0	21	41	0	1
200.0-201.9	0	0	0	0	1	0	0	0	6	0	0
202.0-203.9	0	0	0	0	0	0	0	0	12	0	0
204.0-205.9	0	0	0	0	1	0	0	0	6	0	0
206.0-207.9	0	0	0	0	0	0	0	0	12	0	0
208.0-209.9	5	0	0	2	2	0	0	24	44	0	1
210.0-211.9	0	0	0	0	0	0	0	0	6	0	0
212.0-213.9	0	0	0	0	0	0	0	0	5	0	0
214.0-215.9	0	0	0	0	0	0	0	4	37	0	0
216.0-217.9	0	0	0	0	0	0	0	0	27	0	0
218.0-219.9	0	0	0	0	0	0	0	11	76	0	0
220.0-221.9	0	0	0	0	0	0	0	0	8	0	0
222.0-223.9	0	0	0	0	0	0	0	0	11	0	0
224.0-225.9	0	0	0	0	0	0	0	7	42	0	0
226.0-227.9	0	0	0	0	0	0	0	0	13	0	0
228.0-229.9	5	0	0	0	0	0	0	2	17	0	0
230.0-231.9	0	0	0	0	0	0	0	0	4	0	0
232.0-233.9	6	0	0	0	0	0	0	0	5	0	0
234.0-235.9	0	0	0	0	0	0	0	0	22	0	0
236.0-237.9	0	0	0	0	0	0	0	0	6	0	0
238.0-239.9	0	0	0	0	0	0	0	0	13	0	0
240.0-241.9	0	0	0	0	0	0	0	0	1	0	0
242.0-243.9	0	0	0	0	0	0	0	0	6	0	0
244.0-245.9	0	0	0	0	0	0	0	0	2	0	0
246.0-247.9	298	0	0	0	0	0	0	0	2	0	0
248.0-249.9	2	0	0	0	0	0	0	0	2	0	0
250.0-251.9	0	0	0	0	0	0	0	0	1	0	0
252.0-253.9	0	0	0	0	0	0	0	0	4	0	0
254.0-255.9	0	0	0	0	0	0	0	0	0	0	0
256.0-257.9	0	0	0	0	0	0	0	0	0	0	0
258.0-259.9	0	0	0	0	0	0	0	0	1	0	0
260.0-261.9	0	0	0	0	0	0	0	0	1	0	0
262.0-263.9	0	0	0	0	0	0	0	0	1	0	0
264.0-265.9	0	0	0	0	0	0	0	0	1	0	0
268.0-269.9	0	0	0	0	0	0	0	0	0	0	0
270.0-271.9	0	0	0	0	0	0	0	0	1	0	0
272.0-273.9	0	0	0	0	0	0	0	0	0	0	0
276.0-277.9	0	0	0	0	0	0	0	0	1	0	0
278.0-279.9	6	0	0	0	0	0	0	0	1	0	0
284.0-285.9	0	0	0	0	0	0	0	0	0	0	0
288.0-289.9	6	0	0	0	0	0	0	0	0	0	0
304.0-305.9	6	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	433	0	0	14	166	13	0	117	693	3	33
TOTAL CATCH(MT)	92	0	0	1	16	0	0	16	102	0	3
TASKI MT OR # FISH	92	0	0	1	16	0	0	16	102	0	3
# FISH(ORIG.REC)	2201.	1.000	2.000	482.0	5382.	454.0	1.000	550.0	3242.	19.00	156.0
MT(ORIGINAL REC)	470.2	.1871	.1807	56.03	535.3	34.90	.2430	76.81	481.1	2.581	16.52
RAISING FACTOR	.2000	.2000	.2000	.3000E-01	.3000E-01	.3000E-01	.3000E-01	.2100	.2100	.2100	.2100
MEAN LENGTH (CM)	225.0	222.0	170.6	186.5	177.0	162.2	243.0	199.5	200.7	196.7	179.4
MEAN WEIGHT (KG)	213.6	187.1	90.37	116.2	99.46	76.87	243.0	139.7	148.4	135.8	105.9

AREA EAST
COUNTRY OTHERS
GEAR LL

YEAR	81	81	81	81
QUARTER	1	2	3	4
42.0- 43.9	0	0	0	0
46.0- 47.9	0	0	0	0
60.0- 61.9	0	0	0	0
62.0- 63.9	0	0	0	0
68.0- 69.9	0	0	0	0
74.0- 75.9	0	0	0	0
76.0- 77.9	0	0	0	1
78.0- 79.9	1	0	0	0
80.0- 81.9	0	0	0	0
84.0- 85.9	0	0	0	0
88.0- 89.9	0	0	0	0
92.0- 93.9	0	0	0	0
102.0-103.9	0	1	0	0
110.0-111.9	0	0	0	0
112.0-113.9	1	0	0	0
116.0-117.9	0	0	0	1
118.0-119.9	1	0	0	0
120.0-121.9	1	0	0	0
122.0-123.9	0	0	0	0
124.0-125.9	2	0	0	0
126.0-127.9	0	0	0	1
128.0-129.9	1	0	0	0
130.0-131.9	0	0	0	0
132.0-133.9	1	0	0	0
136.0-137.9	0	0	0	0
138.0-139.9	0	1	0	0
140.0-141.9	1	0	0	0
142.0-143.9	0	1	0	0
148.0-149.9	0	0	0	0
150.0-151.9	2	2	0	0
152.0-153.9	1	1	0	0
154.0-155.9	0	0	0	0
156.0-157.9	0	2	0	0
158.0-159.9	3	5	0	0
160.0-161.9	2	0	0	0
162.0-163.9	3	1	0	0
164.0-165.9	4	0	0	0
166.0-167.9	2	2	0	0
168.0-169.9	4	10	0	0
170.0-171.9	2	4	0	0
172.0-173.9	2	9	0	0
174.0-175.9	7	6	0	0
176.0-177.9	6	7	0	0
178.0-179.9	10	20	0	0
180.0-181.9	8	4	0	0
182.0-183.9	8	16	0	0
184.0-185.9	5	17	0	0
186.0-187.9	6	4	0	
188.0-189.9	6	18	0	
190.0-191.9	6	13	0	
192.0-193.9	4	5	0	
194.0-195.9	5	7	0	
196.0-197.9	6	10	0	
198.0-199.9	1	12	0	
200.0-201.9	2	10	0	
202.0-203.9	1	2	0	
204.0-205.9	2	15	0	
206.0-207.9	2	10	0	
208.0-209.9	2	20	0	
210.0-211.9	2	19	0	
212.0-213.9	2	9	0	
214.0-215.9	5	9	0	
216.0-217.9	3	15	0	
218.0-219.9	4	23	0	
220.0-221.9	1	7	0	
222.0-223.9	1	12	0	
224.0-225.9	2	16	0	
226.0-227.9	0	10	0	
228.0-229.9	1	12	0	
230.0-231.9	2	3	0	
232.0-233.9	0	5	0	
234.0-235.9	2	7	0	
236.0-237.9	1	6	0	
238.0-239.9	0	9	0	
240.0-241.9	0	3	0	
242.0-243.9	0	7	0	
244.0-245.9	1	7	0	
246.0-247.9	1	6	0	
248.0-249.9	0	4	0	
250.0-251.9	0	3	0	
252.0-253.9	0	3	0	
254.0-255.9	0	1	0	
256.0-257.9	0	5	0	
258.0-259.9	0	10	0	
260.0-261.9	0	3	0	
262.0-263.9	0	7	0	
264.0-265.9	0	4	0	
266.0-267.9	0	10	0	
268.0-269.9	0	2	0	
270.0-271.9	0	1	0	
272.0-273.9	0	2	0	
274.0-275.9	0	1	0	
276.0-277.9	0	4	0	
278.0-279.9	0	2	0	
282.0-283.9	0	1	0	
284.0-285.9	1	0	0	
TOTAL # FISH	153	487	0	

TOTAL CATCH(MT)	18	83	0	
TASKI MT OR # FISH	18	83	0	
# FISH(ORIG.REC)	777.0	2466.	1.000	33.00
MT(ORIGINAL REC)	96.25	423.2	.2205	1.519
RAISING FACTOR	.2000	.2000	.2000	.2000
MEAN LENGTH (CM)	188.5	211.5	235.0	114.9
MEAN WEIGHT (KG)	123.9	171.6	220.5	46.03

AREA MEDI
COUNTRY ALGERIE
GEAR UNCL

YEAR	66	67	68	69	70	71	72	74	75	76	77
QUARTER	3	3	3	3	3	3	3	3	3	3	3
105.0-105.9	0	0	0	0	0	0	0	0	0	0	0
106.0-106.9	0	0	0	0	0	0	0	0	0	0	0
107.0-107.9	0	0	0	0	0	0	0	0	0	0	0
108.0-108.9	0	0	0	0	0	0	0	0	0	0	0
109.0-109.9	0	0	0	0	0	0	0	0	0	0	0
115.0-115.9	0	1	0	0	0	0	0	0	0	0	0
116.0-116.9	0	1	0	0	0	0	0	0	0	0	0
117.0-117.9	0	1	0	0	0	0	0	0	0	0	0
118.0-118.9	0	1	0	0	0	0	0	0	1	0	0
119.0-119.9	0	1	2	0	5	0	0	0	1	0	0
120.0-120.9	9	2	5	0	10	0	0	0	0	0	0
121.0-121.9	9	2	2	1	9	0	0	0	0	0	0
122.0-122.9	0	2	2	0	0	0	0	0	1	0	0
123.0-123.9	0	2	0	0	0	0	0	0	1	0	0
124.0-124.9	17	2	0	0	0	0	0	0	1	0	0
125.0-125.9	17	3	2	0	0	0	0	0	1	0	0
126.0-126.9	17	3	0	3	0	0	0	0	1	0	0
127.0-127.9	17	3	5	1	0	0	0	0	1	0	0
128.0-128.9	9	3	7	0	0	0	0	0	1	0	0
129.0-129.9	9	3	2	0	0	0	0	0	1	0	0
130.0-130.9	17	3	0	0	0	0	0	0	1	0	0
131.0-131.9	17	3	2	1	2	0	0	0	1	0	0
132.0-132.9	26	3	2	2	10	0	0	0	2	1	0
133.0-133.9	26	3	2	1	0	0	0	0	2	1	0
134.0-134.9	9	3	0	2	0	0	0	0	1	1	0
135.0-135.9	9	14	0	1	0	0	0	0	1	1	0
136.0-136.9	0	14	2	0	0	0	0	0	3	1	0
137.0-137.9	0	14	5	2	0	0	0	0	3	1	0
138.0-138.9	17	14	2	3	0	0	0	0	2	0	0
139.0-139.9	17	14	5	3	0	0	0	0	2	0	0
140.0-140.9	9	12	5	4	0	1	0	1	2	1	1
141.0-141.9	9	12	7	2	0	1	0	1	2	1	1
142.0-142.9	9	12	12	1	0	1	0	0	2	1	1
143.0-143.9	9	12	2	2	0	1	0	0	2	1	1
144.0-144.9	26	12	7	3	0	1	0	1	3	1	1
145.0-145.9	26	9	5	4	0	1	0	1	3	1	1
146.0-146.9	26	9	0	5	0	1	0	1	2	1	1
147.0-147.9	26	9	7	3	0	1	0	1	2	1	1
148.0-148.9	9	9	0	1	0	1	0	1	3	1	1
149.0-149.9	9	9	2	1	0	1	0	1	3	1	1
150.0-150.9	0	11	5	4	0	0	0	0	2	1	1
151.0-151.9	0	11	2	7	0	0	0	0	2	1	1
152.0-152.9	17	11	5	3	0	0	0	0	2	2	1
153.0-153.9	17	11	5	4	0	0	0	0	2	2	1
154.0-154.9	17	11	2	2	0	0	0	0	2	2	2
155.0-155.9	17	8	2	5	0	1	0	1	2	2	2
156.0-156.9	17	8	2	2	0	1	0	1	2	2	2
157.0-157.9	17	8	0	1	0	1	0	1	2	2	2
158.0-158.9	9	8	7	3	12	1	0	1	3	2	2
159.0-159.9	9	8	9	4	0	1	0	1	3	2	2
160.0-160.9	17	24	5	2	0	2	0	1	2	2	1
161.0-161.9	17	24	9	1	0	2	0	1	2	2	1
162.0-162.9	17	24	7	4	0	2	0	1	3	2	1
163.0-163.9	17	24	9	3	0	2	0	1	3	2	1
164.0-164.9	26	24	12	7	0	2	0	1	2	2	2
165.0-165.9	26	10	16	2	0	4	0	1	2	2	2
166.0-166.9	0	10	12	1	0	4	0	1	2	2	1
167.0-167.9	0	10	5	5	0	4	0	1	2	2	1
168.0-168.9	9	10	9	2	0	4	0	1	2	2	2
169.0-169.9	9	10	12	1	0	4	0	1	2	2	2
170.0-170.9	17	2	12	3	8	3	0	1	1	1	1
171.0-171.9	17	2	16	3	4	3	0	1	1	1	1
172.0-172.9	9	2	23	4	0	3	0	1	2	1	1
173.0-173.9	9	2	14	6	0	3	0	1	2	1	1
174.0-174.9	0	2	9	6	0	3	0	1	1	1	1
175.0-175.9	0	2	9	9	0	2	0	1	1	1	1
176.0-176.9	0	2	16	4	0	2	0	1	1	1	1
177.0-177.9	0	2	14	8	0	2	0	1	1	1	1
178.0-178.9	0	2	12	6	0	2	0	1	1	1	0
179.0-179.9	0	2	9	4	0	2	0	1	1	1	0
180.0-180.9	0	2	7	9	10	2	0	1	4	1	0
181.0-181.9	0	2	9	10	2	2	0	1	4	1	0
182.0-182.9	0	2	2	9	0	2	0	1	2	1	0
183.0-183.9	0	2	9	8	0	2	0	1	2	1	0
184.0-184.9	0	2	2	5	0	2	0	1	3	1	0
185.0-185.9	0	4	9	3	0	3	0	1	3	1	0
186.0-186.9	0	4	0	7	0	3	0	1	2	1	0
187.0-187.9	0	4	9	5	0	3	0	1	2	1	0
188.0-188.9	0	4	2	1	12	3	0	1	3	1	0
189.0-189.9	0	4	2	2	0	3	0	1	3	1	0
190.0-190.9	0	3	2	3	0	4	0	1	2	1	0
191.0-191.9	0	3	2	5	0	4	0	1	2	1	0
192.0-192.9	0	3	0	4	0	4	0	1	2	1	0
193.0-193.9	0	3	0	2	2	4	0	1	2	1	0
194.0-194.9	0	3	2	6	40	4	0	1	2	1	0
195.0-195.9	0	2	0	2	14	1	0	1	2	1	0
196.0-196.9	0	2	2	2	7	1	0	0	2	1	0
197.0-197.9	0	2	0	3	16	1	0	0	2	1	0
198.0-198.9	0	2	2	0	15	1	0	0	1	0	0
199.0-199.9	0	2	0	2	0	1	0	0	1	0	0
200.0-200.9	0	5	5	1	14	2	0	1	2	1	0
201.0-201.9	0	5	0	1	10	2	0	1	2	1	0
202.0-202.9	0	5	5	2	12	2	0	1	1	1	0
203.0-203.9	0	5	0	2	0	2	0	1	1	1	0
204.0-204.9	9	5	0	0	12	2	0	1	1	0	0
205.0-205.9	9	5	0	2	0	1	0	0	1	0	0
206.0-206.9	9	5	2	3	12	1	0	0	1	0	0
207.0-207.9	9	5	2	2	39	1	0	0	1	0	0
208.0-208.9	9	5	2	2	9	1	0	1	2	1	0
209.0-209.9	9	5	5	0	0	1	0	1	2	1	0
210.0-210.9	9	4	7	3	24	2	0	1	2	1	1

211.0-211.9	9	4	5	2	36	2	0	1	2	1	1
212.0-212.9	9	4	0	1	24	2	0	1	2	1	1
213.0-213.9	9	4	5	1	0	2	0	1	2	1	1
214.0-214.9	17	4	2	1	0	2	0	1	1	1	1
215.0-215.9	17	6	9	2	18	2	0	1	1	1	1
216.0-216.9	26	6	7	3	18	2	0	1	2	1	1
217.0-217.9	26	6	7	6	12	2	0	1	1	2	1
218.0-218.9	17	6	9	4	24	2	0	1	1	2	1
219.0-219.9	17	6	5	5	0	2	0	1	1	2	1
220.0-220.9	17	5	7	2	24	3	0	1	1	2	1
221.0-221.9	17	5	9	4	12	3	0	1	2	2	1
222.0-222.9	0	5	7	7	0	3	0	1	2	2	1
223.0-223.9	0	5	7	8	0	3	0	1	1	2	1
224.0-224.9	17	5	7	8	20	3	0	1	1	2	1
225.0-225.9	17	8	12	8	34	1	0	1	1	2	2
226.0-226.9	9	8	2	7	6	1	0	1	1	2	2
227.0-227.9	9	8	9	8	0	1	0	1	1	2	1
228.0-228.9	9	8	7	6	0	1	0	1	1	2	1
229.0-229.9	9	8	7	5	0	1	0	1	1	2	2
230.0-230.9	9	9	16	8	0	3	0	1	1	2	2
231.0-231.9	9	9	5	9	0	3	0	1	1	2	2
232.0-232.9	9	9	7	8	0	3	0	1	1	2	2
233.0-233.9	9	9	9	12	12	3	0	1	1	2	2
234.0-234.9	9	9	12	6	0	3	0	1	2	2	2
235.0-235.9	9	10	5	7	0	6	0	0	2	2	1
236.0-236.9	17	10	5	7	0	6	0	0	2	2	1
237.0-237.9	17	10	5	7	0	6	0	0	2	2	2
238.0-238.9	9	10	12	9	0	6	0	0	2	2	2
239.0-239.9	9	10	5	10	0	6	0	0	2	2	2
240.0-240.9	0	8	9	6	0	7	0	0	2	2	2
241.0-241.9	0	8	7	10	0	7	0	0	2	2	2
242.0-242.9	9	8	9	11	0	7	0	0	2	2	3
243.0-243.9	9	8	5	4	12	7	0	0	2	3	3
244.0-244.9	0	8	5	7	0	7	0	0	2	3	3
245.0-245.9	0	4	7	10	0	10	0	0	3	3	3
246.0-246.9	9	4	5	5	0	10	0	0	3	4	3
247.0-247.9	9	4	12	13	0	10	0	0	3	4	4
248.0-248.9	0	4	7	10	0	10	0	0	3	4	4
249.0-249.9	0	4	7	6	0	10	0	0	3	4	4
250.0-250.9	0	4	16	10	0	7	0	0	2	3	3
251.0-251.9	0	5	9	4	0	7	0	0	2	3	3
252.0-252.9	0	5	14	14	0	7	0	0	2	4	3
253.0-253.9	0	5	7	5	0	7	0	0	2	4	3
254.0-254.9	0	5	7	9	0	7	0	0	2	2	3
255.0-255.9	0	6	7	5	0	7	0	0	2	2	2
256.0-256.9	0	6	9	9	0	7	0	0	2	2	2
257.0-257.9	0	6	5	5	0	7	0	0	2	2	2
258.0-258.9	0	6	5	10	0	7	0	0	2	2	2
259.0-259.9	0	1	2	4	0	3	0	0	1	1	2
260.0-260.9	0	1	2	7	0	3	0	0	1	1	1
261.0-261.9	0	1	5	7	0	3	0	0	1	1	1
262.0-262.9	0	1	0	6	0	3	0	0	1	1	1
263.0-263.9	0	1	5	7	0	3	0	0	1	1	1
264.0-264.9	0	1	0	8	0	3	0	0	1	1	1
265.0-265.9	0	2	2	7	0	3	0	0	1	1	1
266.0-266.9	0	2	0	6	0	3	0	0	1	1	2
267.0-267.9	0	2	0	1	0	3	0	0	1	1	2
268.0-268.9	0	2	0	1	0	3	0	0	1	1	2
269.0-269.9	0	1	2	1	0	2	0	0	0	1	1
270.0-270.9	0	1	0	4	0	2	0	0	0	1	1
271.0-271.9	0	1	0	5	0	2	0	0	0	1	2
272.0-272.9	0	1	0	3	0	2	0	0	0	1	2
273.0-273.9	0	1	0	0	0	1	0	0	0	1	1
274.0-274.9	0	1	0	1	0	1	0	0	0	1	1
275.0-275.9	0	1	0	0	0	1	0	0	0	1	1
276.0-276.9	0	1	0	1	0	1	0	0	0	1	1
277.0-277.9	0	1	0	0	0	1	0	0	0	1	1
278.0-278.9	0	1	0	0	0	1	0	0	0	1	1
279.0-279.9	0	0	0	0	0	0	0	0	0	0	0
280.0-280.9	0	0	0	0	0	0	0	0	0	0	0
281.0-281.9	0	0	0	0	0	0	0	0	0	0	0
282.0-282.9	0	0	0	0	0	0	0	0	0	0	0
283.0-283.9	0	0	0	0	0	0	0	0	0	0	0
286.0-286.9	0	0	0	0	0	0	0	0	0	0	0
287.0-287.9	0	0	0	0	0	0	0	0	0	0	0
288.0-288.9	0	0	0	0	0	0	0	0	0	0	0
289.0-289.9	0	0	0	0	0	0	0	0	0	0	0
292.0-292.9	0	0	0	0	0	0	0	0	0	0	0
293.0-293.9	0	0	0	0	0	0	0	0	0	0	0
294.0-294.9	0	0	0	0	0	0	0	0	0	0	0
295.0-295.9	0	0	0	0	0	0	0	0	0	0	0
296.0-296.9	0	0	0	0	0	0	0	0	0	0	0
297.0-297.9	0	0	0	0	0	0	0	0	0	0	0
298.0-298.9	0	0	0	0	0	0	0	0	0	0	0
299.0-299.9	0	0	0	0	0	0	0	0	0	0	0
302.0-302.9	0	0	0	0	0	0	0	0	0	0	0
303.0-303.9	0	0	0	0	0	0	0	0	0	0	0
308.0-308.9	0	0	0	0	0	0	0	0	0	0	0
309.0-309.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL # FISH	1138	955	825	668	557	406	4	145	341	213	16

TOTAL CATCH(MT)		150	150	150	150	100	100	1	33	66	49	4
TASK1 MT OR # FISH		150	150	150	150	100	100	1	33	66	49	4
# FISH(ORIG.REC)	67.00	1000.	360.0	515.0	47.00	1000.	1576.	1576.	576.0	1830.	1254.	
MT(ORIGINAL REC)	8.827	156.9	65.45	115.6	8.434	245.9	357.1	357.1	111.2	420.5	309.3	
RAISING FACTOR	16.99	.9600	2.290	1.300	11.86	.4100	0.	.9000E-01	.5900	.1200	.1300	
MEAN LENGTH (CM)	177.1	187.5	199.1	214.8	202.9	223.2	215.9	215.9	203.2	215.4	221.0	
MEAN WEIGHT (KG)	131.7	156.9	181.8	224.3	179.4	245.9	226.6	226.6	193.1	229.8	246.7	

AREA MEDI
COUNTRY ALGERIE
GEAR UNCL

YEAR	78	79	80	81
QUARTER	3	3	3	3
90.0- 90.9	0	0	0	0
91.0- 91.9	0	0	0	0
92.0- 92.9	0	0	0	0
93.0- 93.9	0	0	0	0
94.0- 94.9	0	0	0	2
95.0- 95.9	0	0	0	2
96.0- 96.9	0	0	0	4
97.0- 97.9	0	0	0	4
98.0- 98.9	0	0	0	2
99.0- 99.9	0	0	0	2
100.0-100.9	0	0	0	5
101.0-101.9	0	0	0	5
102.0-102.9	0	0	0	7
103.0-103.9	0	0	0	7
104.0-104.9	0	0	0	6
105.0-105.9	0	0	0	6
106.0-106.9	0	0	0	8
107.0-107.9	0	0	0	8
108.0-108.9	0	0	0	7
109.0-109.9	0	0	0	7
110.0-110.9	0	0	0	5
111.0-111.9	0	0	0	5
112.0-112.9	0	0	0	6
113.0-113.9	0	0	0	6
114.0-114.9	0	0	0	4
115.0-115.9	0	0	0	4
116.0-116.9	0	0	1	3
117.0-117.9	0	0	1	3
118.0-118.9	0	0	1	5
119.0-119.9	0	0	1	5
120.0-120.9	0	0	2	7
121.0-121.9	0	0	2	7
122.0-122.9	0	0	0	6
123.0-123.9	0	0	0	6
124.0-124.9	0	0	0	5
125.0-125.9	0	0	0	5
126.0-126.9	0	0	2	9
127.0-127.9	0	0	2	9
128.0-128.9	0	0	0	6
129.0-129.9	0	0	0	6
130.0-130.9	0	0	0	5
131.0-131.9	0	0	0	5
132.0-132.9	0	0	1	3
133.0-133.9	0	0	1	3
134.0-134.9	0	0	0	5
135.0-135.9	0	0	0	5
136.0-136.9	0	0	0	4
137.0-137.9	0	0	0	4
138.0-138.9	0	0	3	4
139.0-139.9	0	0	3	4
140.0-140.9	0	0	1	3
141.0-141.9	0	0	1	3
142.0-142.9	0	0	0	4
143.0-143.9	0	0	0	4
144.0-144.9	0	0	1	2
145.0-145.9	0	0	1	2
146.0-146.9	0	0	1	3
147.0-147.9	0	0	1	3
148.0-148.9	0	0	1	2
149.0-149.9	0	0	1	2
150.0-150.9	0	0	2	2
151.0-151.9	0	0	2	2
152.0-152.9	0	0	3	3
153.0-153.9	0	0	3	3
154.0-154.9	0	0	2	3
155.0-155.9	0	0	2	3
156.0-156.9	0	0	1	5
157.0-157.9	0	0	1	5
158.0-158.9	0	0	1	4
159.0-159.9	0	0	1	4
160.0-160.9	0	0	1	3
161.0-161.9	0	0	1	3
162.0-162.9	1	0	0	4
163.0-163.9	1	0	0	4
164.0-164.9	0	0	0	3
165.0-165.9	0	0	0	3
166.0-166.9	0	0	0	4
167.0-167.9	0	0	0	4
168.0-168.9	0	0	1	5
169.0-169.9	0	0	1	5
170.0-170.9	0	0	1	9
171.0-171.9	0	0	1	9
172.0-172.9	0	0	2	7
173.0-173.9	0	0	2	7
174.0-174.9	1	0	1	5
175.0-175.9	1	0	1	5
176.0-176.9	0	0	3	4
177.0-177.9	0	0	3	4
178.0-178.9	1	0	2	7
179.0-179.9	1	0	2	7
180.0-180.9	0	0	2	5
181.0-181.9	0	0	2	5
182.0-182.9	1	0	2	9
183.0-183.9	1	0	2	9
184.0-184.9	0	0	1	7
185.0-185.9	0	0	1	7
186.0-186.9	1	0	2	7
187.0-187.9	1	0	2	7
188.0-188.9	0	0	3	8
189.0-189.9	0	0	3	8
190.0-190.9	0	0	2	9
191.0-191.9				
192.0-192.9				
193.0-193.9	1			
194.0-194.9	0	0		
195.0-195.9	0	0	2	
196.0-196.9	1	0	3	
197.0-197.9	1	0	3	
198.0-198.9	0	0	1	
199.0-199.9	0	0	1	8
200.0-200.9	1	4	2	7
201.0-201.9	1	4	2	7
202.0-202.9	1	1	4	6
203.0-203.9	1	1	4	6
204.0-204.9	1	6	6	8
205.0-205.9	1	6	6	8
206.0-206.9	1	6	10	8
207.0-207.9	1	6	10	8
208.0-208.9	1	10	8	7
209.0-209.9	1	10	8	7
210.0-210.9	1	1	4	6
211.0-211.9	1	1	4	6
212.0-212.9	1	6	6	11
213.0-213.9	1	6	6	11
214.0-214.9	1	4	5	13
215.0-215.9	1	4	5	13
216.0-216.9	0	3	11	9
217.0-217.9	0	3	11	9
218.0-218.9	0	11	8	15
219.0-219.9	0	11	8	15
220.0-220.9	1	3	5	10
221.0-221.9	1	3	5	10
222.0-222.9	1	0	6	8
223.0-223.9	1	0	6	8
224.0-224.9	1	4	8	10
225.0-225.9	1	4	8	10
226.0-226.9	1	7	11	9
227.0-227.9	1	7	11	9
228.0-228.9	0	3	8	10
229.0-229.9	0	3	8	10
230.0-230.9	1	6	6	6
231.0-231.9	1	6	6	6
232.0-232.9	0	4	7	8
233.0-233.9	0	4	7	8
234.0-234.9	1	10	9	6
235.0-235.9	1	10	9	6
236.0-236.9	1	16	12	6
237.0-237.9	1	16	12	6
238.0-238.9	1	14	11	5
239.0-239.9	1	14	11	5
240.0-240.9	1	10	10	7
241.0-241.9	1	10	10	7
242.0-242.9	1	10	12	3
243.0-243.9	1	10	12	3
244.0-244.9	1	7	9	4
245.0-245.9	1	7	9	4
246.0-246.9	2	13	10	6
247.0-247.9	2	13	10	6
248.0-248.9	1	7	6	3
249.0-249.9	1	7	6	3
250.0-250.9	2	6	6	3
251.0-251.9	2	6	6	3
252.0-252.9	2	9	5	7
253.0-253.9	2	9	5	7
254.0-254.9	1	6	6	4
255.0-255.9	1	6	6	4
256.0-256.9	1	6	10	1
257.0-257.9	1	6	10	1
258.0-258.9	1	9	12	2
259.0-259.9	1	9	12	2
260.0-260.9	1	13	5	2
261.0-261.9	1	13	5	2
262.0-262.9	1	7	6	3
263.0-263.9	1	7	6	3
264.0-264.9	1	6	3	2
265.0-265.9	1	6	3	2
266.0-266.9	0	10	2	2
267.0-267.9	0	10	2	2
268.0-268.9	1	4	4	1
269.0-269.9	1	4	4	1
270.0-270.9	1	1	1	1
271.0-271.9	1	1	1	1
272.0-272.9	1	3	0	2
273.0-273.9	1	3	0	2
274.0-274.9	1	6	0	1
275.0-275.9	1	6	0	1
276.0-276.9	0	1	0	1
277.0-277.9	0	1	0	1
278.0-278.9	0	3	1	1
279.0-279.9	0	3	1	1
280.0-280.9	0	0	0	0
281.0-281.9	0	0	0	0
282.0-282.9	0	0	0	1
283.0-283.9	0	0	0	1
284.0-284.9	0	0	0	1
285.0-285.9	0	0	0	1
286.0-286.9	0	0	0	0
287.0-287.9	0	0	0	0
288.0-288.9	0	0	0	1
289.0-289.9	0	0	0	1
TOTAL # FISH	76	509	621	947

TOTAL CATCH(MT)	20	150	150	150
TASKI MT OR # FISH	20	150	150	150
# FISH(ORIG.REC)	644.0	179.0	780.0	1903.
MT(ORIGINAL REC)	168.8	52.75	180.2	301.4
RAISING FACTOR	.1200	2.840	.8000	.5000
MEAN LENGTH (CM)	229.0	241.0	222.4	186.3
MEAN WEIGHT (KG)	262.2	294.7	241.3	158.4

AREA MEDI
COUNTRY CH1.TAIW
GEAR LLFB

YEAR	75
QUARTER	2
124.0-125.9	0
128.0-129.9	0
156.0-159.9	1
164.0-165.9	0
174.0-175.9	0
176.0-179.9	3
180.0-181.9	0
184.0-185.9	3
186.0-187.9	1
188.0-189.9	2
194.0-195.9	1
196.0-197.9	0
198.0-199.9	4
200.0-201.9	2
202.0-203.9	1
204.0-205.9	6
206.0-207.9	5
208.0-209.9	6
210.0-211.9	1
212.0-213.9	0
214.0-215.9	2
216.0-217.9	1
218.0-219.9	4
220.0-221.9	3
222.0-223.9	4
224.0-225.9	4
226.0-227.9	1
228.0-229.9	4
230.0-231.9	5
232.0-233.9	6
234.0-235.9	5
236.0-237.9	3
238.0-239.9	4
240.0-241.9	4
242.0-243.9	3
244.0-245.9	6
246.0-247.9	5
248.0-249.9	1
250.0-251.9	1
252.0-253.9	0
254.0-255.9	1
258.0-259.9	0
260.0-261.9	1
262.0-263.9	0
264.0-265.9	1
270.0-271.9	0
TOTAL # FISH	107

TOTAL CATCH(MT)		25
TASK1 MT OR # FISH		25
# FISH(ORIG.REC)	7212.	
MT(ORIGINAL REC)	1670.	
RAISING FACTOR	.1000E-01	
MEAN LENGTH (CM)	221.7	
MEAN WEIGHT (KG)	231.6	

AREA MED1
COUNTRY FRANCE
GEAR PSM

YEAR	66	67	68	69	70	71	72	73	74	75	76
QUARTER	3	3	3	3	3	3	3	3	3	3	3
38.0- 38.9	0	0	0	0	0	0	0	0	0	68	0
39.0- 39.9	0	0	0	0	0	0	0	0	0	68	0
44.0- 44.9	0	0	0	0	0	0	0	0	352	0	0
45.0- 45.9	0	0	0	0	0	0	0	0	352	0	0
50.0- 50.9	0	0	0	0	0	0	0	0	0	0	4
51.0- 51.9	0	0	0	0	0	0	0	0	0	0	4
52.0- 52.9	0	0	0	0	0	0	0	0	0	5080	0
53.0- 53.9	0	0	0	0	0	0	0	0	0	5080	0
54.0- 54.9	0	0	0	0	0	0	0	0	4639	3316	359
55.0- 55.9	2	3	6	0	0	0	0	0	4639	3316	359
56.0- 56.9	2	3	6	0	0	0	443	0	59	698	19
57.0- 57.9	2	3	6	0	0	0	443	0	59	698	19
58.0- 58.9	2	3	6	0	0	391	0	0	3397	593	0
59.0- 59.9	2	3	6	0	0	391	0	0	3397	593	0
60.0- 60.9	18	27	45	0	0	0	0	0	0	226	0
61.0- 61.9	18	27	45	0	0	0	0	0	0	226	0
62.0- 62.9	18	27	45	0	0	0	0	275	0	205	6
63.0- 63.9	18	27	45	0	0	0	0	275	0	205	6
64.0- 64.9	18	27	45	0	0	0	0	33	498	696	500
65.0- 65.9	29	44	73	10	0	0	0	33	498	696	500
66.0- 66.9	29	44	73	10	0	0	0	977	0	705	71
67.0- 67.9	29	44	73	10	0	0	0	977	0	705	71
68.0- 68.9	29	44	73	10	0	0	0	0	0	3160	607
69.0- 69.9	29	44	73	10	0	0	0	0	0	3160	607
70.0- 70.9	14	20	34	20	0	0	0	0	0	458	2764
71.0- 71.9	14	20	34	20	0	0	0	0	0	458	2764
72.0- 72.9	14	20	34	20	0	0	242	0	0	1127	93
73.0- 73.9	14	20	34	20	0	0	242	0	0	1127	93
74.0- 74.9	14	20	34	20	0	0	18	0	0	588	0
75.0- 75.9	5	7	11	30	0	0	18	0	0	588	0
76.0- 76.9	5	7	11	30	0	0	817	0	329	108	0
77.0- 77.9	5	7	11	30	0	0	817	0	329	108	0
78.0- 78.9	5	7	11	30	0	0	0	0	518	1026	844
79.0- 79.9	5	7	11	30	0	0	0	0	518	1026	844
80.0- 80.9	79	119	198	270	221	0	685	0	0	5934	170
81.0- 81.9	79	119	198	270	221	0	685	0	0	5934	170
82.0- 82.9	79	119	198	270	0	0	4615	505	365	5779	0
83.0- 83.9	79	119	198	270	0	0	4615	505	365	5779	0
84.0- 84.9	79	119	198	270	276	0	9484	758	306	2277	93
85.0- 85.9	531	796	1326	1532	276	0	9484	758	306	2277	93
86.0- 86.9	531	796	1326	1532	1483	0	0	11	10785	6356	787
87.0- 87.9	531	796	1326	1532	1483	0	0	11	10785	6356	787
88.0- 88.9	531	796	1326	1532	745	0	0	0	319	8522	3031
89.0- 89.9	531	796	1326	1532	745	0	0	0	319	8522	3031
90.0- 90.9	1154	1731	2884	2733	22	1303	754	18	0	2603	11452
91.0- 91.9	1154	1731	2884	2733	22	1303	754	18	0	2603	11452
92.0- 92.9	1154	1731	2884	2733	2064	0	0	817	0	624	11580
93.0- 93.9	1154	1731	2884	2733	2064	0	0	817	0	624	11580
94.0- 94.9	1154	1731	2884	2733	223	0	535	11263	0	264	6750
95.0- 95.9	1063	1595	2658	1962	223	0	535	11263	0	264	6750
96.0- 96.9	1063	1595	2658	1962	997	0	0	53	0	354	13065
97.0- 97.9	1063	1595	2658	1962	997	0	0	53	0	354	13065
98.0- 98.9	1063	1595	2658	1962	139	146	6232	44	77	0	9450
99.0- 99.9	1063	1595	2658	1962	139	146	6232	44	77	0	9450
100.0-100.9	431	647	1078	631	268	1273	927	477	985	114	3209
101.0-101.9	431	647	1078	631	268	1273	927	477	985	114	3209
102.0-102.9	431	647	1078	631	58	38	829	16	459	303	5728
103.0-103.9	431	647	1078	631	58	38	829	16	459	303	5728
104.0-104.9	431	647	1078	631	0	1785	0	1928	0	982	5346
105.0-105.9	212	318	531	230	0	1785	0	1928	0	982	5346
106.0-106.9	212	318	531	230	210	360	0	264	574	686	2565
107.0-107.9	212	318	531	230	210	360	0	264	574	686	2565
108.0-108.9	212	318	531	230	0	0	0	0	232	763	1480
109.0-109.9	212	318	531	230	0	0	0	0	232	763	1480
110.0-110.9	445	667	1112	190	0	537	2296	1447	77	409	74
111.0-111.9	445	667	1112	190	0	537	2296	1447	77	409	74
112.0-112.9	445	667	1112	190	0	108	1462	0	0	199	14
113.0-113.9	445	667	1112	190	0	108	1462	0	0	199	14
114.0-114.9	445	667	1112	190	9	38	173	224	2290	38	498
115.0-115.9	786	1179	1964	180	9	38	173	224	2290	38	498
116.0-116.9	786	1179	1964	180	7	0	0	154	2219	603	316
117.0-117.9	786	1179	1964	180	7	0	0	154	2219	603	316
118.0-118.9	786	1179	1964	180	0	0	0	79	161	17	1496
119.0-119.9	786	1179	1964	180	0	0	0	79	161	17	1496
120.0-120.9	786	1179	1964	230	11	0	0	0	370	122	835
121.0-121.9	786	1179	1964	230	11	0	0	0	370	122	835
122.0-122.9	786	1179	1964	230	0	8	0	0	3267	0	877
123.0-123.9	786	1179	1964	230	0	8	0	0	3267	0	877
124.0-124.9	786	1179	1964	230	0	0	0	0	0	791	578
125.0-125.9	354	532	886	360	0	0	0	0	0	791	578
126.0-126.9	354	532	886	360	0	0	0	0	1459	653	1310
127.0-127.9	354	532	886	360	0	0	0	0	1459	653	1310
128.0-128.9	354	532	886	360	11	0	875	0	564	0	619
129.0-129.9	354	532	886	360	11	0	875	0	564	0	619
130.0-130.9	93	139	231	370	0	0	0	57	92	393	63
131.0-131.9	93	139	231	370	0	0	0	57	92	393	63
132.0-132.9	93	139	231	370	0	0	0	0	0	18	961
133.0-133.9	93	139	231	370	0	0	0	0	0	18	961
134.0-134.9	93	139	231	370	159	0	0	79	0	147	530
135.0-135.9	147	220	367	260	159	0	0	79	0	147	530
136.0-136.9	147	220	367	260	11	0	0	0	107	152	1360
137.0-137.9	147	220	367	260	11	0	0	0	107	152	1360
138.0-138.9	147	220	367	260	14	0	0	0	0	0	386
139.0-139.9	147	220	367	260	14	0	0	0	0	0	386
140.0-140.9	251	376	627	150	102	22	0	108	46	0	0
141.0-141.9	251	376	627	150	102	22	0	108	46	0	0
142.0-142.9	251	376	627	150	20	0	0	0	0	0	95
143.0-143.9	251	376	627	150	20	0	0	0	0	0	95
144.0-144.9	251	376	627	150	274	0	0	13	0	0	245
145.0-145.9	212	318	531	150	274	0	0	13	0	0	245
146.0-146.9	212	318	531	150	126	0	0	0	243	0	228

147.0-147.9	212	318	531	150	126	0	0	0	243	0	[illegible]
148.0-148.9	212	318	531	150	252	0	0	0	0	0	16
149.0-149.9	212	318	531	150	252	0	0	0	0	0	16
150.0-150.9	104	156	260	130	743	0	0	0	18	0	2
151.0-151.9	104	156	260	130	743	0	0	0	18	0	2
152.0-152.9	104	156	260	130	519	2	0	66	0	0	0
153.0-153.9	104	156	260	130	519	2	0	66	0	0	0
154.0-154.9	104	156	260	130	515	0	0	0	0	0	0
155.0-155.9	43	64	107	70	515	0	0	0	0	0	0
156.0-156.9	43	64	107	70	310	0	0	0	0	0	0
157.0-157.9	43	64	107	70	310	0	0	0	0	0	0
158.0-158.9	43	64	107	70	7	0	0	0	0	0	0
159.0-159.9	43	64	107	70	7	0	0	0	0	0	0
160.0-160.9	5	7	11	30	69	114	0	0	0	0	0
161.0-161.9	5	7	11	30	69	114	0	0	0	96	245
162.0-162.9	5	7	11	30	73	0	0	0	0	96	245
163.0-163.9	5	7	11	30	73	0	0	0	0	0	0
164.0-164.9	5	7	11	30	157	6	0	0	0	0	0
165.0-165.9	2	3	6	30	157	6	0	0	0	0	0
166.0-166.9	2	3	6	30	42	0	0	0	0	0	0
167.0-167.9	2	3	6	30	42	0	0	0	0	0	0
168.0-168.9	2	3	6	30	20	56	0	0	0	0	0
169.0-169.9	2	3	6	30	20	56	0	0	0	0	0
170.0-170.9	0	0	0	50	162	0	0	0	0	0	0
171.0-171.9	0	0	0	50	162	0	0	0	0	0	0
172.0-172.9	0	0	0	50	354	619	0	0	0	49	0
173.0-173.9	0	0	0	50	354	619	0	0	0	49	0
174.0-174.9	0	0	0	50	292	272	0	501	0	0	0
175.0-175.9	2	3	6	60	292	272	0	501	0	0	0
176.0-176.9	2	3	6	60	270	280	0	18	84	0	0
177.0-177.9	2	3	6	60	270	280	0	18	84	0	0
178.0-178.9	2	3	6	60	215	280	0	24	41	0	0
179.0-179.9	2	3	6	60	215	280	0	24	41	0	0
180.0-180.9	5	7	11	50	159	92	0	5	0	0	2
181.0-181.9	5	7	11	50	159	92	0	5	0	0	2
182.0-182.9	5	7	11	50	321	190	0	169	176	0	0
183.0-183.9	5	7	11	50	321	190	0	169	176	0	0
184.0-184.9	5	7	11	50	55	823	0	46	0	0	0
185.0-185.9	2	3	6	50	55	823	0	46	0	0	0
186.0-186.9	2	3	6	50	86	1081	0	470	0	9	2
187.0-187.9	2	3	6	50	86	1081	0	470	0	9	2
188.0-188.9	2	3	6	50	49	1799	0	121	41	0	17
189.0-189.9	2	3	6	50	49	1799	0	121	41	0	17
190.0-190.9	0	0	0	60	44	1283	0	378	186	0	0
191.0-191.9	0	0	0	60	44	1283	0	378	186	0	0
192.0-192.9	0	0	0	60	5	336	0	292	301	2	10
193.0-193.9	0	0	0	60	5	336	0	292	301	2	10
194.0-194.9	0	0	0	60	0	182	0	198	23	210	25
195.0-195.9	0	0	0	50	0	182	0	198	23	210	25
196.0-196.9	0	0	0	50	0	70	334	253	0	0	7
197.0-197.9	0	0	0	50	0	70	334	253	0	0	7
198.0-198.9	0	0	0	50	0	54	0	38	546	0	312
199.0-199.9	0	0	0	50	0	54	0	38	546	0	312
200.0-200.9	0	0	0	30	0	218	0	16	475	231	177
201.0-201.9	0	0	0	30	0	218	0	16	475	231	177
202.0-202.9	0	0	0	30	0	2	0	31	128	20	22
203.0-203.9	0	0	0	30	0	2	0	31	128	20	22
204.0-204.9	0	0	0	30	0	78	0	0	0	46	103
205.0-205.9	0	0	0	20	0	78	0	0	0	46	103
206.0-206.9	0	0	0	20	0	116	0	0	0	39	3
207.0-207.9	0	0	0	20	0	116	0	0	0	39	3
208.0-208.9	0	0	0	20	0	36	0	0	0	83	36
209.0-209.9	0	0	0	20	0	36	0	0	0	83	36
210.0-210.9	0	0	0	10	16	0	0	2	0	17	2
211.0-211.9	0	0	0	10	16	0	0	2	0	17	2
212.0-212.9	0	0	0	10	0	0	0	0	0	0	2
213.0-213.9	0	0	0	10	0	0	0	0	0	0	0
214.0-214.9	0	0	0	10	0	40	0	0	0	0	0
215.0-215.9	0	0	0	10	0	40	0	0	0	0	2
216.0-216.9	0	0	0	10	0	0	0	0	0	0	2
217.0-217.9	0	0	0	10	0	0	0	0	0	0	2
218.0-218.9	0	0	0	10	0	0	0	44	0	9	2
219.0-219.9	0	0	0	10	0	0	0	44	0	9	2
220.0-220.9	0	0	0	20	0	0	0	0	0	0	0
221.0-221.9	0	0	0	20	0	0	0	0	0	0	0
222.0-222.9	0	0	0	20	0	0	0	0	0	0	0
223.0-223.9	0	0	0	20	0	0	0	0	0	0	0
224.0-224.9	0	0	0	20	0	0	0	0	0	0	0
225.0-225.9	0	0	0	10	0	0	0	0	0	0	0
226.0-226.9	0	0	0	10	9	0	0	0	0	2	2
227.0-227.9	0	0	0	10	9	0	0	0	0	2	2
228.0-228.9	0	0	0	10	0	0	0	0	0	0	0
229.0-229.9	0	0	0	10	0	0	0	0	0	0	0
230.0-230.9	0	0	0	0	0	0	0	0	0	2	0
231.0-231.9	0	0	0	0	0	0	0	0	0	2	0
235.0-235.9	0	0	0	10	0	0	0	0	0	0	0
236.0-236.9	0	0	0	10	0	0	0	0	0	0	0
237.0-237.9	0	0	0	10	0	0	0	0	0	0	0
238.0-238.9	0	0	0	10	0	0	0	0	0	0	2
239.0-239.9	0	0	0	10	0	0	0	0	0	0	2
240.0-240.9	0	0	0	10	0	0	0	0	0	0	0
241.0-241.9	0	0	0	10	0	0	0	0	0	0	0
242.0-242.9	0	0	0	10	0	0	0	0	0	0	0
243.0-243.9	0	0	0	10	0	0	0	0	0	0	0
244.0-244.9	0	0	0	10	0	0	0	0	0	0	0
252.0-252.9	0	0	0	0	0	0	0	24	0	0	0
253.0-253.9	0	0	0	0	0	0	0	24	0	0	0
268.0-268.9	0	0	0	0	0	0	0	33	0	0	0
269.0-269.9	0	0	0	0	0	0	0	33	0	0	0
TOTAL # FISH	33864	50796	84661	50057	24366	28071	61434	44640	73601	115909	182848

TOTAL CATCH(MT)	1000	1500	2500	1500	1192	2413	1156	1505	1930	1708	4068
TASK I MT OR # FISH	1000	1500	2500	1500	1100	2200	1100	1400	1800	1600	3800
# FISH(ORIG.REC)	3000.	3000.	3000.	1000.	.2437E+05	.2807E+05	.6143E+05	.4464E+05	.7360E+05	.1159E+06	.1828E+06
MT(ORIGINAL REC)	88.59	88.59	88.59	29.97	1193.	2414.	1157.	1505.	1930.	1709.	4069.
RAISING FACTOR	11.29	16.93	28.22	50.06	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	109.8	109.8	109.8	106.4	123.4	149.2	93.94	107.2	96.57	83.33	99.86
MEAN WEIGHT (KG)	29.53	29.53	29.53	29.97	48.95	85.99	18.83	33.72	26.22	14.74	22.25

AREA MEDI
COUNTRY FRANCE
GEAR PSM

YEAR	77	78	79	80	81
QUARTER	3	3	3	3	3
32.0- 32.9	0	0	26	11	0
33.0- 33.9	0	0	26	11	0
34.0- 34.9	3384	0	0	0	0
35.0- 35.9	3384	0	0	0	0
36.0- 36.9	92	0	0	0	0
37.0- 37.9	92	0	0	0	0
42.0- 42.9	0	0	9	4	0
43.0- 43.9	0	0	9	4	0
52.0- 52.9	0	0	0	575	1385
53.0- 53.9	0	0	0	575	1385
54.0- 54.9	327	0	0	83	199
55.0- 55.9	327	0	0	83	199
56.0- 56.9	300	0	0	0	0
57.0- 57.9	300	0	0	0	0
58.0- 58.9	1248	0	22	48	93
59.0- 59.9	1248	0	22	48	93
60.0- 60.9	603	0	0	979	2360
61.0- 61.9	603	0	0	979	2360
62.0- 62.9	186	0	0	22	53
63.0- 63.9	186	0	0	22	53
64.0- 64.9	600	0	0	382	920
65.0- 65.9	600	0	0	382	920
66.0- 66.9	0	21	0	157	380
67.0- 67.9	0	21	0	157	380
68.0- 68.9	0	0	21	147	335
69.0- 69.9	0	0	21	147	335
70.0- 70.9	19	2996	0	19	45
71.0- 71.9	19	2996	0	19	45
72.0- 72.9	212	5275	278	229	274
73.0- 73.9	212	5275	278	229	274
74.0- 74.9	2389	11626	577	1470	2966
75.0- 75.9	2389	11626	577	1470	2966
76.0- 76.9	11	3	687	10390	24357
77.0- 77.9	11	3	687	10390	24357
78.0- 78.9	2	393	282	226	263
79.0- 79.9	2	393	282	226	263
80.0- 80.9	2231	0	4	73	173
81.0- 81.9	2231	0	4	73	173
82.0- 82.9	1121	0	248	1211	2672
83.0- 83.9	1121	0	248	1211	2672
84.0- 84.9	2360	520	237	315	522
85.0- 85.9	2360	520	237	315	522
86.0- 86.9	2248	332	685	1711	3440
87.0- 87.9	2248	332	685	1711	3440
88.0- 88.9	3484	6	0	4246	10235
89.0- 89.9	3484	6	0	4246	10235
90.0- 90.9	35766	2565	188	4285	10142
91.0- 91.9	35766	2565	188	4285	10142
92.0- 92.9	1995	782	190	3795	8959
93.0- 93.9	1995	782	190	3795	8959
94.0- 94.9	1324	6347	795	1594	3047
95.0- 95.9	1324	6347	795	1594	3047
96.0- 96.9	216	2767	5846	2751	786
97.0- 97.9	216	2767	5846	2751	786
98.0- 98.9	0	64	7510	4353	2982
99.0- 99.9	0	64	7510	4353	2982
100.0-100.9	18	1627	1530	929	709
101.0-101.9	18	1627	1530	929	709
102.0-102.9	17	953	465	412	530
103.0-103.9	17	953	465	412	530
104.0-104.9	15	2407	1009	688	650
105.0-105.9	15	2407	1009	688	650
106.0-106.9	486	1930	882	773	982
107.0-107.9	486	1930	882	773	982
108.0-108.9	568	2118	106	76	78
109.0-109.9	568	2118	106	76	78
110.0-110.9	326	1879	571	246	23
111.0-111.9	326	1879	571	246	23
112.0-112.9	833	834	1362	624	143
113.0-113.9	833	834	1362	624	143
114.0-114.9	4352	80	1043	434	2
115.0-115.9	4352	80	1043	434	2
116.0-116.9	5712	0	1961	832	45
117.0-117.9	5712	0	1961	832	45
118.0-118.9	5883	0	3082	1278	0
119.0-119.9	5883	0	3082	1278	0
120.0-120.9	481	0	47	19	0
121.0-121.9	481	0	47	19	0
122.0-122.9	757	0	1909	792	0
123.0-123.9	757	0	1909	792	0
124.0-124.9	536	0	150	110	116
125.0-125.9	536	0	150	110	116
126.0-126.9	982	282	280	121	12
127.0-127.9	982	282	280	121	12
128.0-128.9	376	0	9	15	28
129.0-129.9	376	0	9	15	28
130.0-130.9	1	0	59	65	99
131.0-131.9	1	0	59	65	99
132.0-132.9	18	0	219	91	0
133.0-133.9	18	0	219	91	0
134.0-134.9	0	0	5	32	73
135.0-135.9	0	0	5	32	73
136.0-136.9	56	6	7	3	1
137.0-137.9	56	6	7	3	1
138.0-138.9	21	0	3	637	1532
139.0-139.9	21	0	3	637	1532
140.0-140.9	39	185	51	40	47
141.0-141.9	39	185	51	40	47
142.0-142.9	76	21	0	31	74
143.0-143.9	76	21	0	31	74
144.0-144.9	0	0	13	10	10

145.0-145.9	0	0	13	10	10
146.0-146.9	179	0	0	11	26
147.0-147.9	179	0	0	11	26
148.0-148.9	27	0	0	293	706
149.0-149.9	27	0	0	293	706
150.0-150.9	306	0	0	0	0
151.0-151.9	306	0	0	0	0
152.0-152.9	69	0	2	1	0
153.0-153.9	69	0	2	1	0
154.0-154.9	84	0	0	0	0
155.0-155.9	84	0	0	0	0
156.0-156.9	75	0	0	0	0
157.0-157.9	75	0	0	0	0
158.0-158.9	205	0	0	0	0
159.0-159.9	205	0	0	0	0
160.0-160.9	36	0	0	0	0
161.0-161.9	36	0	0	0	0
162.0-162.9	5	12	0	110	266
163.0-163.9	5	12	0	110	266
164.0-164.9	84	1	3	1	0
165.0-165.9	84	1	3	1	0
166.0-166.9	0	3	0	0	0
167.0-167.9	0	3	0	0	0
168.0-168.9	1	238	0	0	0
169.0-169.9	1	238	0	0	0
170.0-170.9	0	3	0	5	13
171.0-171.9	0	3	0	5	13
172.0-172.9	0	5	0	0	0
173.0-173.9	0	5	0	0	0
174.0-174.9	0	9	0	17	41
175.0-175.9	0	9	0	17	41
176.0-176.9	67	0	15	6	0
177.0-177.9	67	0	15	6	0
178.0-178.9	0	3	0	0	0
179.0-179.9	0	3	0	0	0
180.0-180.9	5	11	0	5	11
181.0-181.9	5	11	0	5	11
182.0-182.9	1	4	35	15	0
183.0-183.9	1	4	35	15	0
184.0-184.9	0	1	35	19	10
185.0-185.9	0	1	35	19	10
186.0-186.9	0	35	12	5	0
187.0-187.9	0	35	12	5	0
188.0-188.9	29	30	42	18	1
189.0-189.9	29	30	42	18	1
190.0-190.9	0	3	0	4	9
191.0-191.9	0	3	0	4	9
192.0-192.9	1	0	0	12	29
193.0-193.9	1	0	0	12	29
194.0-194.9	32	0	12	6	2
195.0-195.9	32	0	12	6	2
196.0-196.9	1	1	41	22	11
197.0-197.9	1	1	41	22	11
198.0-198.9	1	1	0	2	5
199.0-199.9	1	1	0	2	5
200.0-200.9	4	4	1	3	7
201.0-201.9	4	4	1	3	7
202.0-202.9	61	3	0	0	0
203.0-203.9	61	3	0	0	0
204.0-204.9	4	4	19	9	2
205.0-205.9	4	4	19	9	2
206.0-206.9	4	35	15	17	26
207.0-207.9	4	35	15	17	26
208.0-208.9	172	92	0	5	13
209.0-209.9	172	92	0	5	13
210.0-210.9	2	140	1	2	5
211.0-211.9	2	140	1	2	5
212.0-212.9	14	11	0	0	0
213.0-213.9	14	11	0	0	0
214.0-214.9	3	32	0	1	2
215.0-215.9	3	32	0	1	2
216.0-216.9	0	7	1	1	2
217.0-217.9	0	7	1	1	2
218.0-218.9	1	9	0	1	3
219.0-219.9	1	9	0	1	3
220.0-220.9	0	11	0	12	30
221.0-221.9	0	11	0	12	30
222.0-222.9	1	9	0	1	2
223.0-223.9	1	9	0	1	2
224.0-224.9	0	3	0	1	3
225.0-225.9	0	3	0	1	3
226.0-226.9	0	0	0	0	1
227.0-227.9	0	0	0	0	1
228.0-228.9	0	3	0	0	0
229.0-229.9	0	3	0	0	0
230.0-230.9	0	5	0	0	1
231.0-231.9	0	5	0	0	1
232.0-232.9	0	1	0	0	1
233.0-233.9	0	1	0	0	1
234.0-234.9	0	1	0	0	0
235.0-235.9	0	1	0	0	0
236.0-236.9	0	1	19	8	0
237.0-237.9	0	1	19	8	0
238.0-238.9	0	3	0	0	0
239.0-239.9	0	3	0	0	0
240.0-240.9	0	0	0	0	1
241.0-241.9	0	0	0	0	1
246.0-246.9	0	0	0	1	2
247.0-247.9	0	0	0	1	2
254.0-254.9	0	1	0	0	0
255.0-255.9	0	1	0	0	0
266.0-266.9	0	0	3	1	0
267.0-267.9	0	0	3	1	0
TOTAL # FISH	166247	93477	65227	95888	165904
TOTAL CATCH(MT)	3340	1655	1621	1701	2478
TASK1 MT OR # FISH	3182	1597	1578	1701	2350
# FISH(ORIG.REC)	.1662E+06	.9348E+05	.6523E+05	.2311E+06	.1659E+06
MT(ORIGINAL REC)	3341.	1656.	1621.	4100.	2479.
RAISING FACTOR	1.000	1.000	1.000	.4100	1.000
MEAN LENGTH (CM)	94.61	90.50	104.4	91.73	86.76
MEAN WEIGHT (KG)	20.10	17.71	24.86	17.74	14.94

AREA MED1
COUNTRY FRANCE
GEAR GILL

YEAR	60	61	62	63	64	65
QUARTER	3	3	3	3	3	3
55.0- 55.9	1	1	1	2	2	1
56.0- 56.9	1	1	1	2	2	1
57.0- 57.9	1	1	1	2	2	1
58.0- 58.9	1	1	1	2	2	1
59.0- 59.9	1	1	1	2	2	1
60.0- 60.9	7	11	4	12	17	7
61.0- 61.9	7	11	4	12	17	7
62.0- 62.9	7	11	4	12	17	7
63.0- 63.9	7	11	4	12	17	7
64.0- 64.9	7	11	4	12	17	7
65.0- 65.9	12	18	6	20	28	11
66.0- 66.9	12	18	6	20	28	11
67.0- 67.9	12	18	6	20	28	11
68.0- 68.9	12	18	6	20	28	11
69.0- 69.9	12	18	6	20	28	11
70.0- 70.9	5	8	3	9	13	5
71.0- 71.9	5	8	3	9	13	5
72.0- 72.9	5	8	3	9	13	5
73.0- 73.9	5	8	3	9	13	5
74.0- 74.9	5	8	3	9	13	5
75.0- 75.9	2	3	1	3	4	2
76.0- 76.9	2	3	1	3	4	2
77.0- 77.9	2	3	1	3	4	2
78.0- 78.9	2	3	1	3	4	2
79.0- 79.9	2	3	1	3	4	2
80.0- 80.9	32	47	17	53	75	31
81.0- 81.9	32	47	17	53	75	31
82.0- 82.9	32	47	17	53	75	31
83.0- 83.9	32	47	17	53	75	31
84.0- 84.9	32	47	17	53	75	31
85.0- 85.9	212	318	114	354	506	207
86.0- 86.9	212	318	114	354	506	207
87.0- 87.9	212	318	114	354	506	207
88.0- 88.9	212	318	114	354	506	207
89.0- 89.9	212	318	114	354	506	207
90.0- 90.9	462	691	247	771	1099	450
91.0- 91.9	462	691	247	771	1099	450
92.0- 92.9	462	691	247	771	1099	450
93.0- 93.9	462	691	247	771	1099	450
94.0- 94.9	462	691	247	771	1099	450
95.0- 95.9	425	637	228	710	1013	415
96.0- 96.9	425	637	228	710	1013	415
97.0- 97.9	425	637	228	710	1013	415
98.0- 98.9	425	637	228	710	1013	415
99.0- 99.9	425	637	228	710	1013	415
100.0-100.9	173	258	92	288	411	168
101.0-101.9	173	258	92	288	411	168
102.0-102.9	173	258	92	288	411	168
103.0-103.9	173	258	92	288	411	168
104.0-104.9	173	258	92	288	411	168
105.0-105.9	85	127	45	142	202	83
106.0-106.9	85	127	45	142	202	83
107.0-107.9	85	127	45	142	202	83
108.0-108.9	85	127	45	142	202	83
109.0-109.9	85	127	45	142	202	83
110.0-110.9	178	266	95	297	424	174
111.0-111.9	178	266	95	297	424	174
112.0-112.9	178	266	95	297	424	174
113.0-113.9	178	266	95	297	424	174
114.0-114.9	178	266	95	297	424	174
115.0-115.9	314	471	168	525	749	306
116.0-116.9	314	471	168	525	749	306
117.0-117.9	314	471	168	525	749	306
118.0-118.9	314	471	168	525	749	306
119.0-119.9	314	471	168	525	749	306
120.0-120.9	314	471	168	525	749	306
121.0-121.9	314	471	168	525	749	306
122.0-122.9	314	471	168	525	749	306
123.0-123.9	314	471	168	525	749	306
124.0-124.9	314	471	168	525	749	306
125.0-125.9	142	212	76	237	338	138
126.0-126.9	142	212	76	237	338	138
127.0-127.9	142	212	76	237	338	138
128.0-128.9	142	212	76	237	338	138
129.0-129.9	142	212	76	237	338	138
130.0-130.9	37	55	20	62	88	36
131.0-131.9	37	55	20	62	88	36
132.0-132.9	37	55	20	62	88	36
133.0-133.9	37	55	20	62	88	36
134.0-134.9	37	55	20	62	88	36
135.0-135.9	59	88	31	98	140	57
136.0-136.9	59	88	31	98	140	57
137.0-137.9	59	88	31	98	140	57
138.0-138.9	59	88	31	98	140	57
139.0-139.9	59	88	31	98	140	57

140.0-140.9	100	150	54	167	239	98
141.0-141.9	100	150	54	167	239	98
142.0-142.9	100	150	54	167	239	98
143.0-143.9	100	150	54	167	239	98
144.0-144.9	100	150	54	167	239	98
145.0-145.9	85	127	45	142	202	83
146.0-146.9	85	127	45	142	202	83
147.0-147.9	85	127	45	142	202	83
148.0-148.9	85	127	45	142	202	83
149.0-149.9	85	127	45	142	202	83
150.0-150.9	42	62	22	69	99	41
151.0-151.9	42	62	22	69	99	41
152.0-152.9	42	62	22	69	99	41
153.0-153.9	42	62	22	69	99	41
154.0-154.9	42	62	22	69	99	41
155.0-155.9	17	26	9	29	41	17
156.0-156.9	17	26	9	29	41	17
157.0-157.9	17	26	9	29	41	17
158.0-158.9	17	26	9	29	41	17
159.0-159.9	17	26	9	29	41	17
160.0-160.9	2	3	1	3	4	2
161.0-161.9	2	3	1	3	4	2
162.0-162.9	2	3	1	3	4	2
163.0-163.9	2	3	1	3	4	2
164.0-164.9	2	3	1	3	4	2
165.0-165.9	1	1	1	2	2	1
166.0-166.9	1	1	1	2	2	1
167.0-167.9	1	1	1	2	2	1
168.0-168.9	1	1	1	2	2	1
169.0-169.9	1	1	1	2	2	1
175.0-175.9	1	1	1	2	2	1
176.0-176.9	1	1	1	2	2	1
177.0-177.9	1	1	1	2	2	1
178.0-178.9	1	1	1	2	2	1
179.0-179.9	1	1	1	2	2	1
180.0-180.9	2	3	1	3	4	2
181.0-181.9	2	3	1	3	4	2
182.0-182.9	2	3	1	3	4	2
183.0-183.9	2	3	1	3	4	2
184.0-184.9	2	3	1	3	4	2
185.0-185.9	1	1	1	2	2	1
186.0-186.9	1	1	1	2	2	1
187.0-187.9	1	1	1	2	2	1
188.0-188.9	1	1	1	2	2	1
189.0-189.9	1	1	1	2	2	1
TOTAL # FISH	13545	20284	7246	22621	32272	13207

TOTAL CATCH(MT)		400	599	214	668	953	390
TASK1 MT OR # FISH		400	599	214	668	953	390
# FISH(ORIG.REC)	3000.	3000.	3000.	3000.	3000.	3000.	
MT(ORIGINAL REC)	88.59	88.59	88.59	88.59	88.59	88.59	
RAISING FACTOR	4.510	6.760	2.420	7.540	10.76	4.400	
MEAN LENGTH (CM)	109.8	109.8	109.8	109.8	109.8	109.8	
MEAN WEIGHT (KG)	29.53	29.53	29.53	29.53	29.53	29.53	

AREA MEDI
COUNTRY GREECE
GEAR UNCL

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	2	2	2
85.0- 85.9	0	0	0	0	0	0	0	1	0	0	0
86.0- 86.9	0	0	0	0	0	0	0	1	0	0	0
87.0- 87.9	0	0	0	0	0	0	0	1	0	0	0
88.0- 88.9	0	0	0	0	0	0	0	1	0	0	0
89.0- 89.9	0	0	0	0	0	0	0	1	0	0	0
90.0- 90.9	0	0	0	0	0	0	0	3	0	0	0
91.0- 91.9	0	0	0	0	0	0	0	3	0	0	0
92.0- 92.9	0	0	0	0	0	0	0	3	0	0	0
93.0- 93.9	0	0	0	0	0	0	0	3	0	0	0
94.0- 94.9	0	0	0	0	0	0	0	3	0	0	0
95.0- 95.9	0	0	0	0	0	0	0	3	0	0	0
96.0- 96.9	0	0	0	0	0	0	0	3	0	0	0
97.0- 97.9	0	0	0	0	0	0	0	3	0	0	0
98.0- 98.9	0	0	0	0	0	0	0	3	0	0	0
99.0- 99.9	0	0	0	0	0	0	0	3	0	0	0
100.0-100.9	0	0	0	0	0	0	0	1	0	0	0
101.0-101.9	0	0	0	0	0	0	0	1	0	0	0
102.0-102.9	0	0	0	0	0	0	0	1	0	0	0
103.0-103.9	0	0	0	0	0	0	0	1	0	0	0
104.0-104.9	0	0	0	0	0	0	0	1	0	0	0
105.0-105.9	0	0	0	0	0	0	0	0	0	0	0
106.0-106.9	0	0	0	0	0	0	0	0	0	0	0
107.0-107.9	0	0	0	0	0	0	0	0	0	0	0
108.0-108.9	0	0	0	0	0	0	0	0	0	0	0
109.0-109.9	0	0	0	0	0	0	0	0	0	0	0
110.0-110.9	0	0	0	0	0	0	0	0	2	0	0
111.0-111.9	0	0	0	0	0	0	0	0	2	0	0
112.0-112.9	0	0	0	0	0	0	0	0	2	0	0
113.0-113.9	0	0	0	0	0	0	0	0	2	0	0
114.0-114.9	0	0	0	0	0	0	0	0	2	0	0
115.0-115.9	1	1	1	0	0	0	0	0	3	0	0
116.0-116.9	1	1	1	0	0	0	0	0	3	0	0
117.0-117.9	1	1	1	0	0	0	0	0	3	0	0
118.0-118.9	1	1	1	0	0	0	0	0	3	0	0
119.0-119.9	1	1	1	0	0	0	0	0	3	0	0
120.0-120.9	0	0	0	1	0	0	28	0	3	1	0
121.0-121.9	0	0	0	1	0	0	28	0	3	3	0
122.0-122.9	0	0	0	1	0	0	0	0	3	0	0
123.0-123.9	0	0	0	1	0	0	0	0	3	0	0
124.0-124.9	0	0	0	1	0	0	57	0	3	0	0
125.0-125.9	2	2	2	5	2	0	57	0	2	0	0
126.0-126.9	2	2	2	5	2	0	57	0	2	9	0
127.0-127.9	2	2	2	5	2	0	57	0	2	4	0
128.0-128.9	2	2	2	5	2	0	28	0	2	0	0
129.0-129.9	2	2	2	5	2	0	28	0	2	0	0
130.0-130.9	2	3	2	5	0	0	57	0	1	0	0
131.0-131.9	2	3	2	5	0	0	57	0	1	2	0
132.0-132.9	2	3	2	5	0	8	85	0	1	8	0
133.0-133.9	2	3	2	5	0	8	85	0	1	5	0
134.0-134.9	2	3	2	5	0	30	28	0	1	7	0
135.0-135.9	1	2	1	2	3	30	28	0	1	5	0
136.0-136.9	1	2	1	2	3	15	0	0	1	0	0
137.0-137.9	1	2	1	2	3	15	0	0	1	8	0
138.0-138.9	1	2	1	2	3	22	57	0	1	10	0
139.0-139.9	1	2	1	2	3	22	57	0	1	10	0
140.0-140.9	8	10	9	2	6	22	28	1	1	12	0
141.0-141.9	8	10	9	2	6	22	28	1	1	7	0
142.0-142.9	8	10	9	2	6	30	28	1	1	2	0
143.0-143.9	8	10	9	2	6	30	28	1	1	7	0
144.0-144.9	8	10	9	2	6	22	85	1	1	9	0
145.0-145.9	22	27	24	6	0	22	85	1	2	13	0
146.0-146.9	22	27	24	6	0	52	85	1	2	17	0
147.0-147.9	22	27	24	6	0	52	85	1	2	11	0
148.0-148.9	22	27	24	6	0	30	28	1	2	4	0
149.0-149.9	22	27	24	6	0	30	28	1	2	4	0
150.0-150.9	35	42	38	14	6	22	0	1	3	12	0
151.0-151.9	35	42	38	14	6	22	0	1	3	24	0
152.0-152.9	35	42	38	14	6	52	57	1	3	10	0
153.0-153.9	35	42	38	14	6	52	57	1	3	15	0
154.0-154.9	35	42	38	14	6	37	57	1	3	6	0
155.0-155.9	30	37	34	12	2	37	57	2	5	16	0
156.0-156.9	30	37	34	12	2	37	57	2	5	6	0
157.0-157.9	30	37	34	12	2	37	57	2	5	3	0
158.0-158.9	30	37	34	12	2	45	28	2	5	9	0
159.0-159.9	30	37	34	12	2	45	28	2	5	14	0
160.0-160.9	26	31	28	5	6	30	57	3	6	7	0
161.0-161.9	26	31	28	5	6	30	57	3	6	4	0
162.0-162.9	26	31	28	5	6	37	57	3	6	14	0
163.0-163.9	26	31	28	5	6	37	57	3	6	9	0
164.0-164.9	26	31	28	5	6	45	85	3	6	22	0
165.0-165.9	8	9	8	4	4	45	85	4	7	7	0
166.0-166.9	8	9	8	4	4	8	0	4	7	3	0
167.0-167.9	8	9	8	4	4	8	0	4	7	16	0
168.0-168.9	8	9	8	4	4	22	28	4	7	8	0
169.0-169.9	8	9	8	4	4	22	28	4	7	4	0
170.0-170.9	15	18	17	7	2	30	57	4	7	18	0
171.0-171.9	15	18	17	7	2	30	57	4	7	9	0
172.0-172.9	15	18	17	7	2	0	28	4	7	14	0
173.0-173.9	15	18	17	7	2	0	28	4	7	20	0
174.0-174.9	15	18	17	7	2	0	0	4	7	19	0
175.0-175.9	33	40	37	10	6	0	0	6	6	30	0
176.0-176.9	33	40	37	10	6	15	0	6	6	14	0
177.0-177.9	33	40	37	10	6	15	0	6	6	28	0
178.0-178.9	33	40	37	10	6	0	0	6	6	19	0
179.0-179.9	33	40	37	10	6	0	0	6	6	12	0
180.0-180.9	76	93	84	14	8	0	0	9	6	30	0
181.0-181.9	76	93	84	14	8	0	0	9	6	33	0
182.0-182.9	76	93	84	14	8	0	0	9	6	29	0
183.0-183.9	76	93	84	14	8	0	0	9	6	27	0
184.0-184.9	76	93	84	14	8	8	0	9	6	17	0
185.0-185.9	130	158	144	18	8	8	0	14	7	10	0

186.0-186.9	130	158	144	18	8	0	0	14	7	24	
187.0-187.9	130	158	144	18	8	0	0	14	7	18	
188.0-188.9	130	158	144	18	8	0	0	14	7	4	
189.0-189.9	130	158	144	18	8	0	0	14	7	5	
190.0-190.9	175	214	195	32	10	0	0	16	9	10	
191.0-191.9	175	214	195	32	10	0	0	16	9	16	
192.0-192.9	175	214	195	32	10	15	0	16	9	12	
193.0-193.9	175	214	195	32	10	15	0	16	9	6	
194.0-194.9	175	214	195	32	10	15	0	16	9	14	
195.0-195.9	162	199	181	78	15	15	0	20	10	5	
196.0-196.9	162	199	181	78	15	22	0	20	10	7	
197.0-197.9	162	199	181	78	15	22	0	20	10	11	
198.0-198.9	162	199	181	78	15	30	0	20	10	1	
199.0-199.9	162	199	181	78	15	30	0	20	10	8	
200.0-200.9	141	172	157	149	26	15	0	26	9	4	
201.0-201.9	141	172	157	149	26	15	0	26	9	6	
202.0-202.9	141	172	157	149	26	30	0	26	9	5	
203.0-203.9	141	172	157	149	26	30	0	26	9	8	
204.0-204.9	141	172	157	149	26	22	28	26	9	9	
205.0-205.9	97	119	108	195	54	22	28	24	10	7	
206.0-206.9	97	119	108	195	54	22	28	24	10	10	
207.0-207.9	97	119	108	195	54	22	28	24	10	5	
208.0-208.9	97	119	108	195	54	15	28	24	10	7	
209.0-209.9	97	119	108	195	54	15	28	24	10	1	
210.0-210.9	66	81	73	202	79	22	28	27	12	10	
211.0-211.9	66	81	73	202	79	22	28	27	12	7	
212.0-212.9	66	81	73	202	79	8	28	27	12	4	
213.0-213.9	66	81	73	202	79	8	28	27	12	3	
214.0-214.9	66	81	73	202	79	45	57	27	12	4	
215.0-215.9	46	56	51	166	86	45	57	31	16	6	
216.0-216.9	46	56	51	166	86	52	85	31	16	11	
217.0-217.9	46	56	51	166	86	52	85	31	16	21	
218.0-218.9	46	56	51	166	86	52	57	31	16	12	
219.0-219.9	46	56	51	166	86	52	57	31	16	17	
220.0-220.9	36	44	40	115	82	30	57	31	20	8	
221.0-221.9	36	44	40	115	82	30	57	31	20	12	
222.0-222.9	36	44	40	115	82	22	0	31	20	23	
223.0-223.9	36	44	40	115	82	22	0	31	20	26	
224.0-224.9	36	44	40	115	82	30	57	31	20	26	
225.0-225.9	22	27	25	71	63	30	57	30	25	22	
226.0-226.9	22	27	25	71	63	30	28	30	25	20	
227.0-227.9	22	27	25	71	63	30	28	30	25	21	
228.0-228.9	22	27	25	71	63	15	28	30	25	17	
229.0-229.9	22	27	25	71	63	15	28	30	25	21	
230.0-230.9	6	7	7	50	47	30	28	28	23	29	
231.0-231.9	6	7	7	50	47	30	28	28	23	28	
232.0-232.9	6	7	7	50	47	8	28	28	23	40	
233.0-233.9	6	7	7	50	47	8	28	28	23	28	
234.0-234.9	6	7	7	50	47	15	28	28	23	22	
235.0-235.9	12	14	13	31	22	15	28	28	19	22	
236.0-236.9	12	14	13	31	22	8	57	28	19	22	
237.0-237.9	12	14	13	31	22	8	57	28	19	24	
238.0-238.9	12	14	13	31	22	37	28	28	19	31	
239.0-239.9	12	14	13	31	22	37	28	28	19	33	
240.0-240.9	5	6	5	18	20	8	0	22	20	20	
241.0-241.9	5	6	5	18	20	8	0	22	20	35	
242.0-242.9	5	6	5	18	20	45	28	22	20	38	
243.0-243.9	5	6	5	18	20	45	28	22	20	14	
244.0-244.9	5	6	5	18	20	37	0	22	20	23	
245.0-245.9	4	5	5	7	10	37	0	44	22	34	
246.0-246.9	4	5	5	7	10	37	28	44	22	17	
247.0-247.9	4	5	5	7	10	37	28	44	22	44	
248.0-248.9	4	5	5	7	10	37	0	44	22	38	
249.0-249.9	4	5	5	7	10	37	0	44	22	19	
250.0-250.9	1	1	1	4	3	45	0	35	24	32	
251.0-251.9	1	1	1	4	3	45	0	35	24	13	
252.0-252.9	1	1	1	4	3	45	0	35	24	48	
253.0-253.9	1	1	1	4	3	45	0	35	24	17	
254.0-254.9	1	1	1	4	3	60	0	23	20	30	
255.0-255.9	0	0	0	4	2	60	0	23	20	17	
256.0-256.9	0	0	0	4	2	90	0	23	20	30	
257.0-257.9	0	0	0	4	2	90	0	23	20	17	
258.0-258.9	0	0	0	4	2	45	0	23	20	29	
259.0-259.9	0	0	0	4	2	45	0	23	20	35	
260.0-260.9	0	0	0	2	0	37	0	16	15	14	
261.0-261.9	0	0	0	2	0	37	0	16	15	22	
262.0-262.9	0	0	0	2	0	22	0	16	15	23	
263.0-263.9	0	0	0	2	0	22	0	16	15	20	
264.0-264.9	0	0	0	2	0	22	0	16	15	23	
265.0-265.9	0	0	0	1	0	0	0	12	13	26	
266.0-266.9	0	0	0	1	0	0	0	12	13	22	
267.0-267.9	0	0	0	1	0	0	0	12	13	28	
268.0-268.9	0	0	0	1	0	0	0	12	13	1	
269.0-269.9	0	0	0	0	0	0	0	5	15	3	
270.0-270.9	0	0	0	0	0	0	0	5	15	13	
271.0-271.9	0	0	0	0	0	0	0	5	15	17	
272.0-272.9	0	0	0	0	0	0	0	5	15	9	
273.0-273.9	0	0	0	0	0	0	0	5	15	0	
274.0-274.9	0	0	0	0	0	0	0	3	13	0	
275.0-275.9	0	0	0	0	0	0	0	3	13	4	
276.0-276.9	0	0	0	0	0	0	0	3	13	0	
277.0-277.9	0	0	0	0	0	0	0	3	13	0	
278.0-278.9	0	0	0	0	0	0	0	3	13	0	
279.0-279.9	0	0	0	0	0	0	0	4	9	0	
280.0-280.9	0	0	0	0	0	0	0	4	9	0	
281.0-281.9	0	0	0	0	0	0	0	4	9	0	
282.0-282.9	0	0	0	0	0	0	0	4	9	0	
283.0-283.9	0	0	0	0	0	0	0	3	7	0	
284.0-284.9	0	0	0	0	0	0	0	3	7	0	
285.0-285.9	0	0	0	0	0	0	0	3	7	0	
286.0-286.9	0	0	0	0	0	0	0	3	7	0	
287.0-287.9	0	0	0	0	0	0	0	1	4	0	
288.0-288.9	0	0	0	0	0	0	0	1	4	0	
289.0-289.9	0	0	0	0	0	0	0	1	4	0	
290.0-290.9	0	0	0	0	0	0	0	1	4	0	
291.0-291.9	0	0	0	0	0	0	0	1	4	0	
292.0-292.9	0	0	0	0	0	0	0	1	4	0	
293.0-293.9	0	0	0	0	0	0	0	1	4	0	

294.0-294.9	0	0	0	0	0	0	0	1	4	0	0
295.0-295.9	0	0	0	0	0	0	0	1	1	0	0
296.0-296.9	0	0	0	0	0	0	0	1	1	0	0
297.0-297.9	0	0	0	0	0	0	0	1	1	0	0
298.0-298.9	0	0	0	0	0	0	0	1	1	0	0
299.0-299.9	0	0	0	0	0	0	0	1	1	0	0
300.0-300.9	0	0	0	0	0	0	0	0	0	0	0
301.0-301.9	0	0	0	0	0	0	0	0	0	0	0
302.0-302.9	0	0	0	0	0	0	0	0	0	0	0
303.0-303.9	0	0	0	0	0	0	0	0	0	0	0
304.0-304.9	0	0	0	0	0	0	0	0	0	0	0
310.0-310.9	0	0	0	0	0	0	0	1	0	0	0
311.0-311.9	0	0	0	0	0	0	0	1	0	0	0
312.0-312.9	0	0	0	0	0	0	0	1	0	0	0
313.0-313.9	0	0	0	0	0	0	0	1	0	0	0
314.0-314.9	0	0	0	0	0	0	0	1	0	0	0
315.0-315.9	0	0	0	0	0	0	0	1	0	0	0
316.0-316.9	0	0	0	0	0	0	0	1	0	0	0
317.0-317.9	0	0	0	0	0	0	0	1	0	0	0
318.0-318.9	0	0	0	0	0	0	0	1	0	0	0
319.0-319.9	0	0	0	0	0	0	0	1	0	0	0
320.0-320.9	0	0	0	0	0	0	0	1	0	0	0
321.0-321.9	0	0	0	0	0	0	0	1	0	0	0
322.0-322.9	0	0	0	0	0	0	0	1	0	0	0
323.0-323.9	0	0	0	0	0	0	0	1	0	0	0
324.0-324.9	0	0	0	0	0	0	0	1	0	0	0
TOTAL # FISH	5799	7088	6443	6153	2856	3476	3795	2409	1880	2229	0

TOTAL CATCH(MT)	900	1100	1000	1200	600	700	500	600	500	500	0
TASK1 MT OR # FISH	900	1100	1000	1200	600	700	500	600	500	500	0
# FISH(ORIG.REC)	.3043E+05	.3043E+05	.3043E+05	.1076E+05	.1310E+05	233.0	67.00	5000.	5000.	515.0	47.00
MT(ORIGINAL REC)	4722.	4722.	4722.	2099.	2751.	46.92	8.827	1245.	1330.	115.6	8.434
RAISING FACTOR	.1900	.2300	.2100	.5700	.2200	14.92	56.64	.4800	.3800	4.330	0.
MEAN LENGTH (CM)	194.2	194.2	194.2	209.9	215.0	205.6	177.1	225.0	228.4	214.8	202.9
MEAN WEIGHT (KG)	155.2	155.2	155.2	195.0	210.1	201.4	131.7	249.0	265.9	224.3	179.4

AREA MEDI
COUNTRY GREECE
GEAR UNCL

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2	2	2
90.0- 90.9	0	0	0	0	0	0	0	0	0	0	1
91.0- 91.9	0	0	0	0	0	0	0	0	0	0	1
92.0- 92.9	0	0	0	0	0	0	0	0	0	0	1
93.0- 93.9	0	0	0	0	0	0	0	0	0	0	1
94.0- 94.9	0	0	0	0	0	0	0	0	0	0	5
95.0- 95.9	0	0	0	0	0	0	0	0	0	0	5
96.0- 96.9	0	0	0	0	0	0	0	0	0	0	13
97.0- 97.9	0	0	0	0	0	0	0	0	0	0	13
98.0- 98.9	0	0	0	0	0	0	0	0	0	0	8
99.0- 99.9	0	0	0	0	0	0	0	0	0	0	8
100.0-100.9	0	0	0	0	0	0	0	0	0	0	16
101.0-101.9	0	0	0	0	0	0	0	0	0	0	16
102.0-102.9	0	0	0	0	0	0	0	0	0	0	22
103.0-103.9	0	0	0	0	0	0	0	0	0	0	22
104.0-104.9	0	0	0	0	0	0	0	0	0	0	19
105.0-105.9	0	0	0	0	0	0	0	0	0	0	19
106.0-106.9	0	0	0	0	0	0	0	0	0	0	26
107.0-107.9	0	0	0	0	0	0	0	0	0	0	26
108.0-108.9	0	0	0	0	0	0	0	0	0	0	22
109.0-109.9	0	0	0	0	0	0	0	0	0	0	22
110.0-110.9	0	0	0	0	0	0	0	0	0	0	15
111.0-111.9	0	0	0	0	0	0	0	0	0	0	15
112.0-112.9	0	0	0	0	0	0	0	0	0	0	21
113.0-113.9	0	0	0	0	0	0	0	0	0	0	21
114.0-114.9	0	0	0	0	0	0	0	0	0	0	14
115.0-115.9	0	0	0	0	0	0	0	0	0	0	14
116.0-116.9	0	0	0	0	0	0	0	0	0	0	9
117.0-117.9	0	0	0	0	0	0	0	0	0	0	9
118.0-118.9	0	0	0	0	0	0	0	0	0	0	16
119.0-119.9	0	0	0	0	0	0	0	0	0	0	16
120.0-120.9	0	0	0	0	0	0	0	0	0	0	22
121.0-121.9	0	0	0	0	0	0	0	0	0	0	22
122.0-122.9	0	0	0	0	0	0	0	0	0	0	21
123.0-123.9	0	0	0	0	0	0	0	0	0	0	21
124.0-124.9	0	0	0	0	0	0	0	0	0	0	15
125.0-125.9	0	0	0	0	0	0	0	0	0	0	15
126.0-126.9	0	0	0	0	0	0	0	0	0	0	31
127.0-127.9	0	0	0	0	0	0	0	0	0	0	31
128.0-128.9	0	0	0	0	0	0	0	0	0	0	21
129.0-129.9	0	0	0	0	0	0	0	0	0	0	21
130.0-130.9	0	0	0	0	0	0	0	0	0	0	15
131.0-131.9	0	0	0	0	0	0	0	0	0	0	15
132.0-132.9	0	0	0	0	0	0	0	0	0	0	10
133.0-133.9	0	0	0	0	0	0	0	0	0	0	10
134.0-134.9	0	0	0	0	0	0	0	0	0	0	17
135.0-135.9	0	0	0	0	0	0	0	0	0	0	17
136.0-136.9	0	0	0	0	0	0	0	0	0	0	12
137.0-137.9	0	0	0	0	0	0	0	0	0	0	12
138.0-138.9	0	0	0	0	0	0	0	0	0	0	14
139.0-139.9	0	0	0	0	0	0	0	0	0	0	14
140.0-140.9	0	0	0	0	0	0	0	0	0	0	9
141.0-141.9	0	0	0	0	0	0	0	0	0	0	9
142.0-142.9	0	0	0	0	0	0	0	0	0	0	15
143.0-143.9	0	0	0	0	0	0	0	0	0	0	15
144.0-144.9	0	0	0	0	0	0	0	0	0	0	8
145.0-145.9	0	0	0	0	0	0	0	0	0	0	8
146.0-146.9	0	0	0	0	0	0	0	0	0	0	9
147.0-147.9	0	0	0	0	0	0	0	0	0	0	9
148.0-148.9	0	0	0	0	0	0	0	0	0	0	5
149.0-149.9	0	0	0	0	0	0	0	0	0	0	5
150.0-150.9	0	0	0	0	0	0	0	0	0	0	6
151.0-151.9	0	0	0	0	0	0	0	0	0	0	6
152.0-152.9	0	0	0	0	0	0	0	0	0	0	10
153.0-153.9	0	0	0	0	0	0	0	0	0	0	10
154.0-154.9	0	0	0	0	0	0	0	0	0	0	9
155.0-155.9	0	0	0	0	0	0	0	0	0	0	9
156.0-156.9	0	0	0	0	0	0	0	0	0	0	15
157.0-157.9	0	0	0	0	0	0	0	0	0	0	15
158.0-158.9	0	0	0	0	0	0	0	0	0	0	12
159.0-159.9	0	0	0	0	0	0	0	0	0	0	12
160.0-160.9	0	0	0	0	0	0	0	0	0	0	9
161.0-161.9	0	0	0	0	0	0	0	0	0	0	9
162.0-162.9	0	0	0	0	0	0	0	0	0	0	13
163.0-163.9	0	0	0	0	0	0	0	0	0	0	13
164.0-164.9	0	0	0	0	0	0	0	0	0	0	9
165.0-165.9	0	0	0	0	0	0	0	0	0	0	9
166.0-166.9	0	0	0	0	0	0	0	0	0	0	14
167.0-167.9	0	0	0	0	0	0	0	0	0	0	14
168.0-168.9	0	0	0	0	0	0	0	0	0	0	15
169.0-169.9	0	0	0	0	0	0	0	0	0	0	15
170.0-170.9	0	0	0	0	0	0	0	0	0	0	29
171.0-171.9	0	0	0	0	0	0	0	0	0	0	29
172.0-172.9	0	0	0	0	0	0	0	0	0	0	22
173.0-173.9	0	0	0	0	0	0	0	0	0	0	22
174.0-174.9	0	0	0	0	0	0	0	0	0	0	16
175.0-175.9	0	0	0	0	0	0	0	0	0	0	16
176.0-176.9	0	0	0	0	0	0	0	0	0	0	14
177.0-177.9	0	0	0	0	0	0	0	0	0	0	14
178.0-178.9	0	0	0	0	0	0	0	0	0	0	23
179.0-179.9	0	0	0	0	0	0	0	0	0	0	23
180.0-180.9	0	0	0	0	0	0	0	0	0	0	17
181.0-181.9	0	0	0	0	0	0	0	0	0	0	17
182.0-182.9	0	0	0	0	0	0	0	0	0	0	29
183.0-183.9	0	0	0	0	0	0	0	0	0	0	29
184.0-184.9	0	0	0	0	0	0	0	0	0	0	23
185.0-185.9	0	0	0	0	0	0	0	0	0	0	23
186.0-186.9	0	0	0	0	0	0	0	0	0	0	22
187.0-187.9	0	0	0	0	0	0	0	0	0	0	22
188.0-188.9	0	0	0	0	0	0	0	0	0	0	26
189.0-189.9	0	0	0	0	0	0	0	0	0	0	26
190.0-190.9	0	0	0	0	0	0	0	0	0	0	31

191.0-191.9	0	0	0	0	0	0	0	0	0	0	[illegible]
192.0-192.9	0	0	0	0	0	0	0	0	0	0	[illegible]
193.0-193.9	0	0	0	0	0	0	0	0	0	0	12
194.0-194.9	0	0	0	0	0	0	0	0	0	0	18
195.0-195.9	0	0	0	0	0	0	0	0	0	0	18
196.0-196.9	0	0	0	0	0	0	0	0	0	0	[illegible]
197.0-197.9	0	0	0	0	0	0	0	0	0	0	22
198.0-198.9	0	0	0	0	0	0	0	0	0	0	27
199.0-199.9	0	0	0	0	0	0	0	0	0	0	27
200.0-200.9	0	0	0	0	0	0	0	0	0	0	[illegible]
201.0-201.9	0	0	0	0	0	0	0	0	0	0	[illegible]
202.0-202.9	0	0	0	0	0	0	0	0	0	0	[illegible]
203.0-203.9	0	0	0	0	0	0	0	0	0	0	21
204.0-204.9	0	0	0	0	0	0	0	0	0	0	[illegible]
205.0-205.9	0	0	0	0	0	0	0	0	0	0	[illegible]
206.0-206.9	0	0	0	0	0	0	0	0	0	0	[illegible]
207.0-207.9	0	0	0	0	0	0	0	0	0	0	26
208.0-208.9	0	0	0	0	0	0	0	0	0	0	22
209.0-209.9	0	0	0	0	0	0	0	0	0	0	22
210.0-210.9	0	0	0	0	0	0	0	0	0	0	[illegible]
211.0-211.9	0	0	0	0	0	0	0	0	0	0	21
212.0-212.9	0	0	0	0	0	0	0	0	0	0	[illegible]
213.0-213.9	0	0	0	0	0	0	0	0	0	0	36
214.0-214.9	0	0	0	0	0	0	0	0	0	0	45
215.0-215.9	0	0	0	0	0	0	0	0	0	0	[illegible]
216.0-216.9	0	0	0	0	0	0	0	0	0	0	31
217.0-217.9	0	0	0	0	0	0	0	0	0	0	31
218.0-218.9	0	0	0	0	0	0	0	0	0	0	51
219.0-219.9	0	0	0	0	0	0	0	0	0	0	51
220.0-220.9	0	0	0	0	0	0	0	0	0	0	33
221.0-221.9	0	0	0	0	0	0	0	0	0	0	33
222.0-222.9	0	0	0	0	0	0	0	0	0	0	27
223.0-223.9	0	0	0	0	0	0	0	0	0	0	27
224.0-224.9	0	0	0	0	0	0	0	0	0	0	34
225.0-225.9	0	0	0	0	0	0	0	0	0	0	34
226.0-226.9	0	0	0	0	0	0	0	0	0	0	31
227.0-227.9	0	0	0	0	0	0	0	0	0	0	31
228.0-228.9	0	0	0	0	0	0	0	0	0	0	33
229.0-229.9	0	0	0	0	0	0	0	0	0	0	33
230.0-230.9	0	0	0	0	0	0	0	0	0	0	21
231.0-231.9	0	0	0	0	0	0	0	0	0	0	21
232.0-232.9	0	0	0	0	0	0	0	0	0	0	27
233.0-233.9	0	0	0	0	0	0	0	0	0	0	27
234.0-234.9	0	0	0	0	0	0	0	0	0	0	19
235.0-235.9	0	0	0	0	0	0	0	0	0	0	19
236.0-236.9	0	0	0	0	0	0	0	0	0	0	21
237.0-237.9	0	0	0	0	0	0	0	0	0	0	21
238.0-238.9	0	0	0	0	0	0	0	0	0	0	15
239.0-239.9	0	0	0	0	0	0	0	0	0	0	15
240.0-240.9	0	0	0	0	0	0	0	0	0	0	23
241.0-241.9	0	0	0	0	0	0	0	0	0	0	23
242.0-242.9	0	0	0	0	0	0	0	0	0	0	11
243.0-243.9	0	0	0	0	0	0	0	0	0	0	11
244.0-244.9	0	0	0	0	0	0	0	0	0	0	15
245.0-245.9	0	0	0	0	0	0	0	0	0	0	15
246.0-246.9	0	0	0	0	0	0	0	0	0	0	19
247.0-247.9	0	0	0	0	0	0	0	0	0	0	19
248.0-248.9	0	0	0	0	0	0	0	0	0	0	11
249.0-249.9	0	0	0	0	0	0	0	0	0	0	11
250.0-250.9	0	0	0	0	0	0	0	0	0	0	9
251.0-251.9	0	0	0	0	0	0	0	0	0	0	9
252.0-252.9	0	0	0	0	0	0	0	0	0	0	22
253.0-253.9	0	0	0	0	0	0	0	0	0	0	22
254.0-254.9	0	0	0	0	0	0	0	0	0	0	12
255.0-255.9	0	0	0	0	0	0	0	0	0	0	12
256.0-256.9	0	0	0	0	0	0	0	0	0	0	3
257.0-257.9	0	0	0	0	0	0	0	0	0	0	3
258.0-258.9	0	0	0	0	0	0	0	0	0	0	7
259.0-259.9	0	0	0	0	0	0	0	0	0	0	7
260.0-260.9	0	0	0	0	0	0	0	0	0	0	5
261.0-261.9	0	0	0	0	0	0	0	0	0	0	5
262.0-262.9	0	0	0	0	0	0	0	0	0	0	10
263.0-263.9	0	0	0	0	0	0	0	0	0	0	10
264.0-264.9	0	0	0	0	0	0	0	0	0	0	6
265.0-265.9	0	0	0	0	0	0	0	0	0	0	6
266.0-266.9	0	0	0	0	0	0	0	0	0	0	7
267.0-267.9	0	0	0	0	0	0	0	0	0	0	7
268.0-268.9	0	0	0	0	0	0	0	0	0	0	4
269.0-269.9	0	0	0	0	0	0	0	0	0	0	4
270.0-270.9	0	0	0	0	0	0	0	0	0	0	3
271.0-271.9	0	0	0	0	0	0	0	0	0	0	3
272.0-272.9	0	0	0	0	0	0	0	0	0	0	5
273.0-273.9	0	0	0	0	0	0	0	0	0	0	5
274.0-274.9	0	0	0	0	0	0	0	0	0	0	3
275.0-275.9	0	0	0	0	0	0	0	0	0	0	3
276.0-276.9	0	0	0	0	0	0	0	0	0	0	3
277.0-277.9	0	0	0	0	0	0	0	0	0	0	3
278.0-278.9	0	0	0	0	0	0	0	0	0	0	2
279.0-279.9	0	0	0	0	0	0	0	0	0	0	2
280.0-280.9	0	0	0	0	0	0	0	0	0	0	1
281.0-281.9	0	0	0	0	0	0	0	0	0	0	1
282.0-282.9	0	0	0	0	0	0	0	0	0	0	3
283.0-283.9	0	0	0	0	0	0	0	0	0	0	3
284.0-284.9	0	0	0	0	0	0	0	0	0	0	2
285.0-285.9	0	0	0	0	0	0	0	0	0	0	2
286.0-286.9	0	0	0	0	0	0	0	0	0	0	1
287.0-287.9	0	0	0	0	0	0	0	0	0	0	1
288.0-288.9	0	0	0	0	0	0	0	0	0	0	2
289.0-289.9	0	0	0	0	0	0	0	0	0	0	2
TOTAL # FISH	0	0	0	0	0	0	0	0	0	0	3258

TOTAL CATCH(MT)		0	0	0	0	0	0	0	0	0	516
TASK I MT OR # FISH		0	0	0	0	0	0	0	0	0	516
# FISH(ORIG.REC)	1000.	1576.	1576.	1576.	576.0	1830.	1254.	644.0	179.0	780.0	1965.
MT(ORIGINAL REC)	245.9	357.1	357.1	357.1	111.2	420.5	309.3	168.8	52.75	188.2	301.4
RAISING FACTOR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.710
MEAN LENGTH (CM)	223.2	215.9	215.9	215.9	203.2	215.4	221.0	229.0	241.0	222.4	186.3
MEAN WEIGHT (KG)	245.9	226.6	226.6	226.6	193.1	229.8	246.7	262.2	294.7	241.3	158.4

AREA MED1
COUNTRY ITALY
GEAR TRAP

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	2	2	2
105.0-105.9	0	0	0	0	0	0	0	3	0	0	0
106.0-106.9	0	0	0	0	0	0	0	3	0	0	0
107.0-107.9	0	0	0	0	0	0	0	3	0	0	0
108.0-108.9	0	0	0	0	0	0	0	3	0	0	0
109.0-109.9	0	0	0	0	0	0	0	3	0	0	0
115.0-115.9	1	1	1	0	0	0	0	15	0	0	0
116.0-116.9	1	1	1	0	0	0	0	15	0	0	0
117.0-117.9	1	1	1	0	0	0	0	15	0	0	0
118.0-118.9	1	1	1	0	0	0	0	15	0	0	0
119.0-119.9	1	1	1	0	0	0	0	15	27	0	48
120.0-120.9	0	0	0	1	0	0	54	30	53	3	98
121.0-121.9	0	0	0	1	0	0	54	30	27	8	83
122.0-122.9	0	0	0	1	0	0	0	30	27	0	0
123.0-123.9	0	0	0	1	0	0	0	30	0	0	0
124.0-124.9	0	0	0	1	0	0	107	30	0	0	0
125.0-125.9	2	3	2	5	4	0	107	32	27	0	0
126.0-126.9	2	3	2	5	4	0	107	32	0	23	0
127.0-127.9	2	3	2	5	4	0	107	32	53	12	0
128.0-128.9	2	3	2	5	4	0	54	32	80	0	0
129.0-129.9	2	3	2	5	4	0	54	32	27	0	0
130.0-130.9	3	3	3	5	0	0	107	40	0	0	0
131.0-131.9	3	3	3	5	0	0	107	40	27	5	23
132.0-132.9	3	3	3	5	0	14	161	40	27	21	91
133.0-133.9	3	3	3	5	0	14	161	40	27	13	0
134.0-134.9	3	3	3	5	0	54	54	40	0	18	0
135.0-135.9	2	2	2	2	9	54	54	186	0	13	0
136.0-136.9	2	2	2	2	9	27	0	186	27	0	0
137.0-137.9	2	2	2	2	9	27	0	186	53	20	0
138.0-138.9	2	2	2	2	9	40	107	186	27	27	0
139.0-139.9	2	2	2	2	9	40	107	186	53	26	0
140.0-140.9	12	13	12	2	15	40	54	152	53	31	0
141.0-141.9	12	13	12	2	15	40	54	152	80	17	0
142.0-142.9	12	13	12	2	15	54	54	152	133	6	0
143.0-143.9	12	13	12	2	15	54	54	152	27	17	0
144.0-144.9	12	13	12	2	15	40	161	152	80	24	0
145.0-145.9	30	34	31	6	1	40	161	122	53	35	0
146.0-146.9	30	34	31	6	1	94	161	122	0	44	0
147.0-147.9	30	34	31	6	1	94	161	122	80	29	0
148.0-148.9	30	34	31	6	1	54	54	122	0	12	0
149.0-149.9	30	34	31	6	1	54	54	122	27	12	0
150.0-150.9	47	55	49	14	15	40	0	144	53	33	0
151.0-151.9	47	55	49	14	15	40	0	144	27	62	0
152.0-152.9	47	55	49	14	15	94	107	144	53	26	0
153.0-153.9	47	55	49	14	15	94	107	144	53	39	0
154.0-154.9	47	55	49	14	15	67	107	144	27	15	0
155.0-155.9	41	48	43	12	7	67	107	109	27	43	0
156.0-156.9	41	48	43	12	7	67	107	109	27	16	0
157.0-157.9	41	48	43	12	7	67	107	109	0	7	0
158.0-158.9	41	48	43	12	7	81	54	109	80	23	114
159.0-159.9	41	48	43	12	7	81	54	109	106	36	0
160.0-160.9	35	40	36	5	16	54	107	308	53	18	0
161.0-161.9	35	40	36	5	16	54	107	308	106	11	0
162.0-162.9	35	40	36	5	16	67	107	308	80	38	0
163.0-163.9	35	40	36	5	16	67	107	308	106	25	0
164.0-164.9	35	40	36	5	16	81	161	308	133	59	0
165.0-165.9	10	12	11	4	10	81	161	132	186	19	0
166.0-166.9	10	12	11	4	10	14	0	132	133	8	0
167.0-167.9	10	12	11	4	10	14	0	132	53	41	0
168.0-168.9	10	12	11	4	10	40	54	132	106	22	0
169.0-169.9	10	12	11	4	10	40	54	132	133	10	0
170.0-170.9	20	23	21	8	6	54	107	22	133	27	76
171.0-171.9	20	23	21	8	6	54	107	22	186	25	38
172.0-172.9	20	23	21	8	6	0	54	22	266	38	0
173.0-173.9	20	23	21	8	6	0	54	22	159	52	0
174.0-174.9	20	23	21	8	6	0	0	22	106	50	0
175.0-175.9	45	52	47	10	16	0	0	22	106	80	0
176.0-176.9	45	52	47	10	16	27	0	22	186	38	0
177.0-177.9	45	52	47	10	16	27	0	22	159	74	0
178.0-178.9	45	52	47	10	16	0	0	22	133	50	0
179.0-179.9	45	52	47	10	16	0	0	22	106	32	0
180.0-180.9	104	120	108	14	22	0	0	30	80	80	95
181.0-181.9	104	120	108	14	22	0	0	30	106	88	19
182.0-182.9	104	120	108	14	22	0	0	30	27	76	0
183.0-183.9	104	120	108	14	22	0	0	30	106	71	0
184.0-184.9	104	120	108	14	22	14	0	30	27	44	0
185.0-185.9	177	205	184	19	22	14	0	50	106	28	0
186.0-186.9	177	205	184	19	22	0	0	50	0	64	0
187.0-187.9	177	205	184	19	22	0	0	50	106	48	0
188.0-188.9	177	205	184	19	22	0	0	50	27	9	114
189.0-189.9	177	205	184	19	22	0	0	50	27	14	0
190.0-190.9	239	277	249	33	26	0	0	40	27	25	0
191.0-191.9	239	277	249	33	26	0	0	40	27	41	0
192.0-192.9	239	277	249	33	26	27	0	40	0	32	0
193.0-193.9	239	277	249	33	26	27	0	40	0	16	23
194.0-194.9	239	277	249	33	26	27	0	40	27	50	387
195.0-195.9	222	257	231	80	42	27	0	27	0	14	137
196.0-196.9	222	257	231	80	42	40	0	27	27	18	68
197.0-197.9	222	257	231	80	42	40	0	27	0	30	154
198.0-198.9	222	257	231	80	42	54	0	27	27	2	142
199.0-199.9	222	257	231	80	42	54	0	27	0	21	0
200.0-200.9	193	223	201	152	72	27	0	60	53	12	137
201.0-201.9	193	223	201	152	72	27	0	60	0	12	91
202.0-202.9	193	223	201	152	72	54	0	60	53	14	114
203.0-203.9	193	223	201	152	72	54	0	60	0	21	0
204.0-204.9	193	223	201	152	72	40	54	60	0	0	114
205.0-205.9	133	154	139	200	148	40	54	60	0	18	0
206.0-206.9	133	154	139	200	148	40	54	60	27	28	114
207.0-207.9	133	154	139	200	148	40	54	60	27	14	378
208.0-208.9	133	154	139	200	148	27	54	60	27	18	86
209.0-209.9	133	154	139	200	148	27	54	60	53	2	0
210.0-210.9	90	104	94	206	218	40	54	50	80	28	228

211.0-211.9	90	104	94	206	218	40	54	50	53	18	342
212.0-212.9	90	104	94	206	218	14	54	50	0	12	228
213.0-213.9	90	104	94	206	218	14	54	50	53	9	0
214.0-214.9	90	104	94	206	218	81	107	50	27	10	0
215.0-215.9	62	72	65	170	238	81	107	82	106	16	171
216.0-216.9	62	72	65	170	238	94	161	82	80	29	171
217.0-217.9	62	72	65	170	238	94	161	82	80	56	114
218.0-218.9	62	72	65	170	238	94	107	82	106	33	228
219.0-219.9	62	72	65	170	238	94	107	82	53	46	0
220.0-220.9	49	57	51	118	227	54	107	62	80	20	228
221.0-221.9	49	57	51	118	227	54	107	62	106	31	114
222.0-222.9	49	57	51	118	227	40	0	62	80	61	0
223.0-223.9	49	57	51	118	227	40	0	62	80	69	0
224.0-224.9	49	57	51	118	227	54	107	62	80	69	190
225.0-225.9	30	35	31	73	174	54	107	99	133	69	323
226.0-226.9	30	35	31	73	174	54	54	99	27	57	57
227.0-227.9	30	35	31	73	174	54	54	99	106	72	0
228.0-228.9	30	35	31	73	174	27	54	99	80	55	0
229.0-229.9	30	35	31	73	174	27	54	99	80	46	0
230.0-230.9	8	9	9	52	128	54	54	122	186	69	0
231.0-231.9	8	9	9	52	128	54	54	122	53	76	0
232.0-232.9	8	9	9	52	128	14	54	122	80	69	0
233.0-233.9	8	9	9	52	128	14	54	122	106	107	114
234.0-234.9	8	9	9	52	128	27	54	122	133	52	0
235.0-235.9	16	19	17	31	62	27	54	129	53	57	0
236.0-236.9	16	19	17	31	62	14	107	129	53	54	0
237.0-237.9	16	19	17	31	62	14	107	129	53	64	0
238.0-238.9	16	19	17	31	62	67	54	129	133	81	0
239.0-239.9	16	19	17	31	62	67	54	129	53	88	0
240.0-240.9	6	7	7	19	54	14	0	102	106	52	0
241.0-241.9	6	7	7	19	54	14	0	102	80	92	0
242.0-242.9	6	7	7	19	54	81	54	102	106	100	0
243.0-243.9	6	7	7	19	54	81	54	102	53	37	114
244.0-244.9	6	7	7	19	54	67	0	102	53	60	0
245.0-245.9	6	7	6	8	26	67	0	52	80	89	0
246.0-246.9	6	7	6	8	26	67	54	52	53	44	0
247.0-247.9	6	7	6	8	26	67	54	52	133	117	0
248.0-248.9	6	7	6	8	26	67	0	52	80	90	0
249.0-249.9	6	7	6	8	26	67	0	52	80	56	0
250.0-250.9	1	1	1	4	9	81	0	70	186	84	0
251.0-251.9	1	1	1	4	9	81	0	70	106	34	0
252.0-252.9	1	1	1	4	9	81	0	70	159	126	0
253.0-253.9	1	1	1	4	9	81	0	70	80	46	0
254.0-254.9	1	1	1	4	9	108	0	70	80	80	0
255.0-255.9	0	0	0	4	6	108	0	77	80	46	0
256.0-256.9	0	0	0	4	6	162	0	77	80	80	0
257.0-257.9	0	0	0	4	6	162	0	77	106	46	0
258.0-258.9	0	0	0	4	6	81	0	77	53	76	0
259.0-259.9	0	0	0	4	6	81	0	77	53	92	0
260.0-260.9	0	0	0	3	0	67	0	10	27	38	0
261.0-261.9	0	0	0	3	0	67	0	10	27	57	0
262.0-262.9	0	0	0	3	0	40	0	10	53	61	0
263.0-263.9	0	0	0	3	0	40	0	10	0	54	0
264.0-264.9	0	0	0	3	0	40	0	10	53	60	0
265.0-265.9	0	0	0	1	0	40	0	30	0	70	0
266.0-266.9	0	0	0	1	0	0	0	30	27	61	0
267.0-267.9	0	0	0	1	0	0	0	30	0	54	0
268.0-268.9	0	0	0	1	0	0	0	30	0	8	0
269.0-269.9	0	0	0	1	0	0	0	30	0	0	0
270.0-270.9	0	0	0	0	0	0	0	10	27	8	0
271.0-271.9	0	0	0	0	0	0	0	10	0	38	0
272.0-272.9	0	0	0	0	0	0	0	10	0	46	0
273.0-273.9	0	0	0	0	0	0	0	10	0	23	0
274.0-274.9	0	0	0	0	0	0	0	10	0	0	0
275.0-275.9	0	0	0	0	0	0	0	8	0	12	0
276.0-276.9	0	0	0	0	0	0	0	8	0	0	0
277.0-277.9	0	0	0	0	0	0	0	8	0	12	0
278.0-278.9	0	0	0	0	0	0	0	8	0	0	0
279.0-279.9	0	0	0	0	0	0	0	8	0	0	0
TOTAL # FISH	7919	9169	8247	6292	7864	6277	7172	12418	9565	5902	5355

TOTAL CATCH(MT)	1229	1423	1280	1227	1652	1264	945	1949	1739	1324	961
TASK1 MT OR # FISH	1229	1423	1280	1227	1652	1264	945	1949	1739	1324	961
# FISH(ORIG.REC)	.3043E+05	.3043E+05	.3043E+05	.1076E+05	.1310E+05	233.0	67.00	1000.	360.0	515.0	47.00
MT(ORIGINAL REC)	4722.	4722.	4722.	2099.	2751.	46.92	8.827	156.9	65.45	115.6	8.434
RAISING FACTOR	.2600	.3000	.2700	.5800	.6000	26.94	107.1	12.42	26.57	11.45	113.9
MEAN LENGTH (CM)	194.2	194.2	194.2	209.9	215.0	205.6	177.1	187.5	199.1	214.8	202.9
MEAN WEIGHT (KG)	155.2	155.2	155.2	195.0	210.1	201.4	131.7	156.9	181.8	224.3	179.4

AREA MED1
COUNTRY ITALY
GEAR TRAP

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2	2	2
90.0- 90.9	0	0	0	0	0	0	0	0	0	0	0
91.0- 91.9	0	0	0	0	0	0	0	0	0	0	0
92.0- 92.9	0	0	0	0	0	0	0	0	0	0	0
93.0- 93.9	0	0	0	0	0	0	0	0	0	0	0
94.0- 94.9	0	0	0	0	0	0	0	0	0	0	2
95.0- 95.9	0	0	0	0	0	0	0	0	0	0	2
96.0- 96.9	0	0	0	0	0	0	0	0	0	0	5
97.0- 97.9	0	0	0	0	0	0	0	0	0	0	5
98.0- 98.9	0	0	0	0	0	0	0	0	0	0	3
99.0- 99.9	0	0	0	0	0	0	0	0	0	0	3
100.0-100.9	0	0	0	0	0	0	0	0	0	0	7
101.0-101.9	0	0	0	0	0	0	0	0	0	0	7
102.0-102.9	0	0	0	0	0	0	0	0	0	0	2
103.0-103.9	0	0	0	0	0	0	0	0	0	0	8
104.0-104.9	0	0	0	0	0	0	0	0	0	0	8
105.0-105.9	0	0	0	0	0	0	0	0	0	0	8
106.0-106.9	0	0	0	0	0	0	0	0	0	0	10
107.0-107.9	0	0	0	0	0	0	0	0	0	0	10
108.0-108.9	0	0	0	0	0	0	0	0	0	0	9
109.0-109.9	0	0	0	0	0	0	0	0	0	0	9
110.0-110.9	0	0	0	0	0	0	0	0	0	0	6
111.0-111.9	0	0	0	0	0	0	0	0	0	0	6
112.0-112.9	0	0	0	0	0	0	0	0	0	0	8
113.0-113.9	0	0	0	0	0	0	0	0	0	0	8
114.0-114.9	0	0	0	0	0	0	0	0	0	0	6
115.0-115.9	1	1	0	0	0	0	0	0	0	0	6
116.0-116.9	1	2	1	1	3	1	0	0	0	1	4
117.0-117.9	1	2	1	1	3	1	0	0	0	1	4
118.0-118.9	1	3	1	3	6	2	0	0	0	1	7
119.0-119.9	1	3	1	3	6	2	0	0	0	1	7
120.0-120.9	1	2	1	1	3	1	0	0	0	2	9
121.0-121.9	1	2	1	1	3	1	0	0	0	2	9
122.0-122.9	1	3	1	3	6	3	2	0	0	0	8
123.0-123.9	1	3	1	3	6	3	2	0	0	0	8
124.0-124.9	1	5	2	5	13	4	1	0	0	0	6
125.0-125.9	2	6	3	5	13	4	1	0	0	0	6
126.0-126.9	2	4	2	4	10	5	3	0	0	2	13
127.0-127.9	2	4	2	4	10	5	3	0	0	2	13
128.0-128.9	2	3	1	3	6	2	1	0	0	0	8
129.0-129.9	2	3	1	3	6	2	1	0	0	0	8
130.0-130.9	0	5	2	4	13	4	1	0	0	0	6
131.0-131.9	0	5	2	4	13	4	1	0	0	0	6
132.0-132.9	0	9	4	8	26	6	0	0	0	1	4
133.0-133.9	0	9	4	8	26	6	0	0	0	1	4
134.0-134.9	0	5	2	4	13	6	5	0	0	0	7
135.0-135.9	1	5	2	5	13	6	5	0	0	0	7
136.0-136.9	1	11	5	10	29	7	0	0	0	0	5
137.0-137.9	1	11	5	10	29	7	0	0	0	0	5
138.0-138.9	1	6	3	6	16	5	2	0	0	3	6
139.0-139.9	1	6	3	6	16	5	2	0	0	3	6
140.0-140.9	5	12	5	11	26	13	10	0	0	1	4
141.0-141.9	5	12	5	11	26	13	10	0	0	1	4
142.0-142.9	5	10	4	9	19	10	8	0	0	0	6
143.0-143.9	5	10	4	9	19	10	8	0	0	0	6
144.0-144.9	5	13	6	12	29	13	9	0	0	1	3
145.0-145.9	9	15	7	14	29	13	9	0	0	1	3
146.0-146.9	9	12	5	10	19	14	14	0	0	1	4
147.0-147.9	9	12	5	10	19	14	14	0	0	1	4
148.0-148.9	9	16	7	15	32	15	10	0	0	1	2
149.0-149.9	9	16	7	15	32	15	10	0	0	1	2
150.0-150.9	3	9	4	8	19	15	15	0	0	2	2
151.0-151.9	3	9	4	8	19	15	15	0	0	2	2
152.0-152.9	3	9	4	8	19	21	24	0	0	3	4
153.0-153.9	3	9	4	8	19	21	24	0	0	3	4
154.0-154.9	3	11	5	10	26	25	27	2	0	2	4
155.0-155.9	10	15	7	13	26	25	27	2	0	2	4
156.0-156.9	10	13	6	11	19	27	33	4	0	1	6
157.0-157.9	10	13	6	11	19	27	33	4	0	1	6
158.0-158.9	10	16	7	14	29	26	28	3	0	1	5
159.0-159.9	10	16	7	14	29	26	28	3	0	1	5
160.0-160.9	20	19	9	17	22	19	20	3	0	1	4
161.0-161.9	20	19	9	17	22	19	20	3	0	1	4
162.0-162.9	20	23	10	20	32	24	24	6	0	0	5
163.0-163.9	20	23	10	20	32	24	24	6	0	0	5
164.0-164.9	20	19	9	17	22	29	34	1	0	0	4
165.0-165.9	44	33	14	29	22	29	34	1	0	0	4
166.0-166.9	44	30	13	27	16	21	25	1	0	0	6
167.0-167.9	44	30	13	27	16	21	25	1	0	0	6
168.0-168.9	44	34	15	30	26	26	29	3	0	1	6
169.0-169.9	44	34	15	30	26	26	29	3	0	1	6
170.0-170.9	31	22	10	19	13	17	20	4	0	1	12
171.0-171.9	31	22	10	19	13	17	20	4	0	1	12
172.0-172.9	31	24	11	21	19	16	16	3	0	2	9
173.0-173.9	31	24	11	21	19	16	16	3	0	2	9
174.0-174.9	31	22	10	19	13	19	23	7	0	1	7
175.0-175.9	19	15	7	13	13	19	23	7	0	1	7
176.0-176.9	19	14	6	12	10	10	11	3	0	1	6
177.0-177.9	19	14	6	12	10	10	11	3	0	3	6
178.0-178.9	19	15	7	13	13	8	7	6	0	2	9
179.0-179.9	19	15	7	13	13	8	7	6	0	2	9
180.0-180.9	23	29	13	26	45	12	2	1	0	2	7
181.0-181.9	23	29	13	26	45	12	2	1	0	2	7
182.0-182.9	23	21	9	18	22	9	6	5	0	2	12
183.0-183.9	23	21	9	18	22	9	6	5	0	2	12
184.0-184.9	23	24	11	22	32	10	3	3	0	1	9
185.0-185.9	31	29	13	25	32	10	3	3	0	1	9
186.0-186.9	31	23	10	20	16	8	6	6	0	2	9
187.0-187.9	31	23	10	20	16	8	6	6	0	2	9
188.0-188.9	31	30	13	26	35	10	2	1	0	3	10
189.0-189.9	31	30	13	26	35	10	2	1	0	3	10
190.0-190.9	38	30	13	27	26	7	1	4	0	2	13

191.0-191.9	38	30	13	27	26	7	1	4	0	2	13
192.0-192.9	38	30	13	27	26	9	3	6	0	4	5
193.0-193.9	38	30	13	27	26	9	3	6	0	4	8
194.0-194.9	38	30	13	27	26	7	1	3	0	2	7
195.0-195.9	9	15	6	13	26	7	1	3	0	2	7
196.0-196.9	9	11	5	10	16	7	5	6	0	3	9
197.0-197.9	9	11	5	10	16	7	5	6	0	3	9
198.0-198.9	9	9	4	8	10	2	0	2	0	1	11
199.0-199.9	9	9	4	8	10	2	0	2	0	1	11
200.0-200.9	26	21	9	19	19	7	3	5	6	2	9
201.0-201.9	26	21	9	19	19	7	3	5	6	2	9
202.0-202.9	26	19	8	17	13	7	6	5	2	4	8
203.0-203.9	26	19	8	17	13	7	6	5	2	4	8
204.0-204.9	26	18	8	16	10	3	1	6	7	7	11
205.0-205.9	9	8	4	7	10	3	1	6	7	7	11
206.0-206.9	9	9	4	8	13	5	3	9	7	11	10
207.0-207.9	9	9	4	8	13	5	3	9	7	11	10
208.0-208.9	9	14	6	12	26	8	2	7	13	8	9
209.0-209.9	9	14	6	12	26	8	2	7	13	8	9
210.0-210.9	22	18	8	16	16	11	10	5	2	4	9
211.0-211.9	22	18	8	16	16	11	10	5	2	4	9
212.0-212.9	22	18	8	16	16	14	15	6	7	7	15
213.0-213.9	22	18	8	16	16	14	15	6	7	7	15
214.0-214.9	22	15	6	13	6	16	20	7	6	5	18
215.0-215.9	21	14	6	12	6	16	20	7	6	5	18
216.0-216.9	21	20	9	18	22	14	12	3	4	11	13
217.0-217.9	21	20	9	18	22	14	12	3	4	11	13
218.0-218.9	21	18	8	16	16	14	15	4	15	8	21
219.0-219.9	21	18	8	16	16	14	15	4	15	8	21
220.0-220.9	32	26	11	23	22	17	17	9	4	5	13
221.0-221.9	32	26	11	23	22	17	17	9	4	5	13
222.0-222.9	32	38	17	33	55	22	14	11	0	6	11
223.0-223.9	32	38	17	33	55	22	14	11	0	6	11
224.0-224.9	32	31	14	27	35	22	20	9	6	8	14
225.0-225.9	14	20	9	18	35	22	20	9	6	8	14
226.0-226.9	14	24	11	21	45	30	28	5	9	11	13
227.0-227.9	14	24	11	21	45	30	28	5	9	11	13
228.0-228.9	14	26	12	23	51	26	19	4	4	8	13
229.0-229.9	14	26	12	23	51	26	19	4	4	8	13
230.0-230.9	26	29	13	25	39	33	34	6	7	6	9
231.0-231.9	26	29	13	25	39	33	34	6	7	6	9
232.0-232.9	26	36	16	32	58	34	29	4	6	7	11
233.0-233.9	26	36	16	32	58	34	29	4	6	7	11
234.0-234.9	26	34	15	30	55	36	33	9	13	9	8
235.0-235.9	61	54	24	47	55	36	33	9	13	9	8
236.0-236.9	61	56	25	50	61	32	25	10	20	12	8
237.0-237.9	61	56	25	50	61	32	25	10	20	12	8
238.0-238.9	61	55	24	48	58	36	32	14	19	11	6
239.0-239.9	61	55	24	48	58	36	32	14	19	11	6
240.0-240.9	71	53	23	47	39	37	41	9	13	10	9
241.0-241.9	71	53	23	47	39	37	41	9	13	10	9
242.0-242.9	71	54	24	48	42	39	43	8	13	12	5
243.0-243.9	71	54	24	48	42	39	43	8	13	12	5
244.0-244.9	71	52	23	46	35	41	47	13	9	9	6
245.0-245.9	102	69	30	61	35	41	47	13	9	9	6
246.0-246.9	102	73	32	64	45	48	54	16	17	10	8
247.0-247.9	102	73	32	64	45	48	54	16	17	10	8
248.0-248.9	102	71	31	63	42	27	25	11	9	6	5
249.0-249.9	102	71	31	63	42	27	25	11	9	6	5
250.0-250.9	73	53	23	47	35	42	49	17	7	7	4
251.0-251.9	73	53	23	47	35	42	49	17	7	7	4
252.0-252.9	73	54	24	48	39	36	40	19	11	5	9
253.0-253.9	73	54	24	48	39	36	40	19	11	5	9
254.0-254.9	73	48	21	43	22	38	47	14	7	6	5
255.0-255.9	68	46	20	40	22	38	47	14	7	6	5
256.0-256.9	68	43	19	38	16	27	34	8	7	11	1
257.0-257.9	68	43	19	38	16	27	34	8	7	11	1
258.0-258.9	68	47	21	41	26	33	38	5	11	12	3
259.0-259.9	68	47	21	41	26	33	38	5	11	12	3
260.0-260.9	29	21	9	18	13	24	31	6	17	5	2
261.0-261.9	29	21	9	18	13	24	31	6	17	5	2
262.0-262.9	29	21	9	18	13	17	20	5	9	6	4
263.0-263.9	29	21	9	18	13	17	20	5	9	6	4
264.0-264.9	29	19	9	17	10	18	23	8	7	3	2
265.0-265.9	28	19	8	17	10	18	23	8	7	3	2
266.0-266.9	28	18	8	16	6	13	17	2	13	2	3
267.0-267.9	28	18	8	16	6	13	17	2	13	2	3
268.0-268.9	28	18	8	16	6	24	33	5	6	4	2
269.0-269.9	28	18	8	16	6	24	33	5	6	4	2
270.0-270.9	16	9	4	8	0	12	18	8	2	1	1
271.0-271.9	16	9	4	8	0	12	18	8	2	1	1
272.0-272.9	16	9	4	8	0	18	26	11	4	0	2
273.0-273.9	16	9	4	8	0	18	26	11	4	0	2
274.0-274.9	16	9	4	8	0	10	15	8	7	0	1
275.0-275.9	6	3	1	3	0	10	15	8	7	0	1
276.0-276.9	6	3	1	3	0	6	9	3	2	0	1
277.0-277.9	6	3	1	3	0	6	9	3	2	0	1
278.0-278.9	6	3	1	3	0	3	5	4	4	1	1
279.0-279.9	6	3	1	3	0	3	5	4	4	1	1
280.0-280.9	0	0	0	0	0	2	3	4	0	0	0
281.0-281.9	0	0	0	0	0	2	3	4	0	0	0
282.0-282.9	0	0	0	0	0	4	6	1	0	0	1
283.0-283.9	0	0	0	0	0	4	6	1	0	0	1
284.0-284.9	0	0	0	0	0	0	0	0	0	0	1
285.0-285.9	0	0	0	0	0	0	0	0	0	0	1
286.0-286.9	0	0	0	0	0	2	2	0	0	0	0
287.0-287.9	0	0	0	0	0	2	2	0	0	0	0
288.0-288.9	0	0	0	0	0	3	5	0	0	0	1
289.0-289.9	0	0	0	0	0	3	5	0	0	0	1
292.0-292.9	0	0	0	0	0	2	2	0	0	0	0
293.0-293.9	0	0	0	0	0	2	2	0	0	0	0
294.0-294.9	0	0	0	0	0	2	3	0	0	0	0
295.0-295.9	0	0	0	0	0	2	3	0	0	0	0
296.0-296.9	0	1	1	1	3	4	5	0	0	0	0
297.0-297.9	0	1	1	1	3	4	5	0	0	0	0
298.0-298.9	0	0	0	0	0	1	1	0	0	0	0
299.0-299.9	0	0	0	0	0	1	1	0	0	0	0
302.0-302.9	0	0	0	0	0	2	3	0	0	0	0
303.0-303.9	0	0	0	0	0	2	3	0	0	0	0
306.0-308.9	0	0	0	0	0	2	2	0	0	0	0
309.0-309.9	0	0	0	0	0	2	2	0	0	0	0
TOTAL # FISH	4246	3685	1619	3261	3692	2828	2829	801	661	629	1319

TOTAL CATCH(MT)	1044	835	367	739	713	650	698	210	195	152	209
TASK1 MT OR # FISH	1044	835	367	739	713	650	698	210	195	152	209
# FISH(ORIG.REC)	1000.	1576.	1576.	1576.	576.0	1830.	1254.	644.0	179.0	780.0	1903.
MT(ORIGINAL REC)	245.9	357.1	357.1	357.1	111.2	420.5	309.3	168.8	52.75	188.2	301.4
RAISING FACTOR	4.250	2.340	1.030	2.070	6.410	1.550	2.260	1.240	3.700	.8100	.6900
MEAN LENGTH (CM)	223.2	215.9	215.9	215.9	203.2	215.4	221.0	229.0	241.0	222.4	186.3
MEAN WEIGHT (KG)	245.9	226.6	226.6	226.6	193.1	229.8	246.7	262.2	294.7	241.3	158.4

AREA MEDI
COUNTRY ITALY
GEAR HARP

YEAR	76	77	78	81
QUARTER	2	2	2	2
90.0- 90.9	0	0	0	0
91.0- 91.9	0	0	0	0
92.0- 92.9	0	0	0	0
93.0- 93.9	0	0	0	0
94.0- 94.9	0	0	0	1
95.0- 95.9	0	0	0	1
96.0- 96.9	0	0	0	1
97.0- 97.9	0	0	0	1
98.0- 98.9	0	0	0	1
99.0- 99.9	0	0	0	1
100.0-100.9	0	0	0	2
101.0-101.9	0	0	0	2
102.0-102.9	0	0	0	2
103.0-103.9	0	0	0	2
104.0-104.9	0	0	0	2
105.0-105.9	0	0	0	2
106.0-106.9	0	0	0	3
107.0-107.9	0	0	0	3
108.0-108.9	0	0	0	2
109.0-109.9	0	0	0	2
110.0-110.9	0	0	0	2
111.0-111.9	0	0	0	2
112.0-112.9	0	0	0	2
113.0-113.9	0	0	0	2
114.0-114.9	0	0	0	2
115.0-115.9	0	0	0	2
116.0-116.9	0	0	0	1
117.0-117.9	0	0	0	1
118.0-118.9	0	0	0	2
119.0-119.9	0	0	0	2
120.0-120.9	0	0	0	2
121.0-121.9	0	0	0	2
122.0-122.9	0	0	0	2
123.0-123.9	0	0	0	2
124.0-124.9	0	0	0	2
125.0-125.9	0	0	0	2
126.0-126.9	0	0	0	3
127.0-127.9	0	0	0	3
128.0-128.9	0	0	0	2
129.0-129.9	0	0	0	2
130.0-130.9	0	0	0	2
131.0-131.9	0	0	0	2
132.0-132.9	0	0	0	1
133.0-133.9	0	0	0	1
134.0-134.9	0	0	0	2
135.0-135.9	0	0	0	2
136.0-136.9	0	0	0	1
137.0-137.9	0	0	0	1
138.0-138.9	0	0	0	2
139.0-139.9	0	0	0	2
140.0-140.9	0	1	0	1
141.0-141.9	0	1	0	1
142.0-142.9	0	0	0	2
143.0-143.9	0	0	0	2
144.0-144.9	0	0	0	1
145.0-145.9	0	0	0	1
146.0-146.9	0	1	0	1
147.0-147.9	0	1	0	1
148.0-148.9	0	1	0	1
149.0-149.9	0	1	0	1
150.0-150.9	0	1	0	1
151.0-151.9	0	1	0	1
152.0-152.9	0	1	0	1
153.0-153.9	0	1	0	1
154.0-154.9	1	1	0	1
155.0-155.9	1	1	0	1
156.0-156.9	1	2	0	2
157.0-157.9	1	2	0	2
158.0-158.9	1	1	0	1
159.0-159.9	1	1	0	1
160.0-160.9	0	1	0	1
161.0-161.9	0	1	0	1
162.0-162.9	0	1	1	1
163.0-163.9	0	1	1	1
164.0-164.9	1	2	0	1
165.0-165.9	1	2	0	1
166.0-166.9	0	1	0	2
167.0-167.9	0	1	0	2
168.0-168.9	1	1	0	2
169.0-169.9	1	1	0	2
170.0-170.9	1	1	1	3
171.0-171.9	0	1	1	3
172.0-172.9	0	1	0	2
173.0-173.9	0	1	0	2
174.0-174.9	0	1	1	2
175.0-175.9	0	1	1	2
176.0-176.9	0	1	1	2
177.0-177.9	0	1	0	2
178.0-178.9	0	0	0	2
179.0-179.9	0	0	1	3
180.0-180.9	0	0	1	3
181.0-181.9	0	0	0	2
182.0-182.9	0	0	0	2
183.0-183.9	0	0	1	3
184.0-184.9	0	0	1	3
185.0-185.9	0	0	0	3
186.0-186.9	0	0	0	3
187.0-187.9	0	0	0	2
188.0-188.9	0	0	1	2
189.0-189.9	0	0	0	3
190.0-190.9	0	0	0	3
			1	3

191.0-191.9	0	0	1	3
192.0-192.9	0	0	1	1
193.0-193.9	0	0	1	1
194.0-194.9	0	0	0	2
195.0-195.9	0	0	0	2
196.0-196.9	0	0	1	2
197.0-197.9	0	0	1	2
198.0-198.9	0	0	0	3
199.0-199.9	0	0	0	3
200.0-200.9	0	0	1	3
201.0-201.9	0	0	1	3
202.0-202.9	0	0	1	2
203.0-203.9	0	0	1	2
204.0-204.9	0	0	1	3
205.0-205.9	0	0	1	3
206.0-206.9	0	0	1	3
207.0-207.9	0	0	1	3
208.0-208.9	0	0	1	2
209.0-209.9	0	0	1	2
210.0-210.9	0	1	1	2
211.0-211.9	0	1	1	2
212.0-212.9	0	1	1	4
213.0-213.9	0	1	1	4
214.0-214.9	0	1	1	5
215.0-215.9	0	1	1	5
216.0-216.9	0	1	0	3
217.0-217.9	0	1	0	3
218.0-218.9	0	1	1	6
219.0-219.9	0	1	1	6
220.0-220.9	0	1	1	4
221.0-221.9	0	1	1	4
222.0-222.9	0	1	1	3
223.0-223.9	0	1	1	3
224.0-224.9	0	1	1	4
225.0-225.9	0	1	1	4
226.0-226.9	1	1	1	3
227.0-227.9	1	1	1	3
228.0-228.9	1	1	1	4
229.0-229.9	1	1	1	4
230.0-230.9	1	2	1	2
231.0-231.9	1	2	1	2
232.0-232.9	1	1	0	3
233.0-233.9	1	1	0	3
234.0-234.9	1	2	1	2
235.0-235.9	1	2	1	2
236.0-236.9	1	1	1	2
237.0-237.9	1	1	1	2
238.0-238.9	1	2	1	2
239.0-239.9	1	2	1	2
240.0-240.9	1	2	1	3
241.0-241.9	1	2	1	3
242.0-242.9	1	2	1	1
243.0-243.9	1	2	1	1
244.0-244.9	1	2	1	2
245.0-245.9	1	2	1	2
246.0-246.9	1	3	2	2
247.0-247.9	1	3	2	2
248.0-248.9	1	1	1	1
249.0-249.9	1	1	1	1
250.0-250.9	1	2	2	1
251.0-251.9	1	2	2	1
252.0-252.9	1	2	2	2
253.0-253.9	1	2	2	2
254.0-254.9	1	2	2	1
255.0-255.9	1	2	2	1
256.0-256.9	1	2	1	0
257.0-257.9	1	2	1	0
258.0-258.9	1	2	1	1
259.0-259.9	1	2	1	1
260.0-260.9	0	2	1	1
261.0-261.9	0	2	1	1
262.0-262.9	0	1	1	1
263.0-263.9	0	1	1	1
264.0-264.9	0	1	1	1
265.0-265.9	0	1	1	1
266.0-266.9	0	1	0	1
267.0-267.9	0	1	0	1
268.0-268.9	0	2	1	1
269.0-269.9	0	2	1	1
270.0-270.9	0	1	1	0
271.0-271.9	0	1	1	0
272.0-272.9	0	1	1	1
273.0-273.9	0	1	1	1
274.0-274.9	0	1	1	0
275.0-275.9	0	1	1	0
276.0-276.9	0	0	0	0
277.0-277.9	0	0	0	0
278.0-278.9	0	0	0	0
279.0-279.9	0	0	0	0
280.0-280.9	0	0	0	0
281.0-281.9	0	0	0	0
282.0-282.9	0	0	0	0
283.0-283.9	0	0	0	0
284.0-284.9	0	0	0	0
285.0-285.9	0	0	0	0
286.0-286.9	0	0	0	0
287.0-287.9	0	0	0	0
288.0-288.9	0	0	0	0
289.0-289.9	0	0	0	0
292.0-292.9	0	0	0	0
293.0-293.9	0	0	0	0
294.0-294.9	0	0	0	0
295.0-295.9	0	0	0	0
296.0-296.9	0	0	0	0
297.0-297.9	0	0	0	0
298.0-298.9	0	0	0	0
299.0-299.9	0	0	0	0
302.0-302.9	0	0	0	0

303.0-303.9	0	0	0	0
308.0-308.9	0	0	0	0
309.0-309.9	0	0	0	0
TOTAL # FISH	52	137	83	353
TOTAL CATCH(MT)	12	34	22	56
TASKI MT OR # FISH	12	34	22	56
# FISH(ORIG.REC)	1830.	1254.	644.0	1903.
MT(ORIGINAL REC)	420.5	309.3	168.8	301.4
RAISING FACTOR	.3000E-01	.1100	.1300	.1900
MEAN LENGTH (CM)	215.4	221.0	229.0	186.3
MEAN WEIGHT (KG)	229.8	246.7	262.2	158.4

AREA MEDI
COUNTRY ITALY Adriatic
GEAR PSFB

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	2	2	2
105.0-105.9	0	0	0	0	0	0	0	1	0	0	0
106.0-106.9	0	0	0	0	0	0	0	1	0	0	0
107.0-107.9	0	0	0	0	0	0	0	1	0	0	0
108.0-108.9	0	0	0	0	0	0	0	1	0	0	0
109.0-109.9	0	0	0	0	0	0	0	6	0	0	0
115.0-115.9	0	0	0	0	0	0	0	6	0	0	0
116.0-116.9	0	0	0	0	0	0	0	6	0	0	0
117.0-117.9	0	0	0	0	0	0	0	6	0	0	59
118.0-118.9	0	0	0	0	0	0	23	12	11	2	122
119.0-119.9	0	0	0	1	0	0	23	12	6	5	104
120.0-120.9	0	0	0	1	0	0	0	12	6	0	0
121.0-121.9	0	0	0	1	0	0	0	12	0	0	0
122.0-122.9	0	0	0	1	0	0	46	12	0	0	0
123.0-123.9	0	0	0	1	0	0	46	13	6	0	0
124.0-124.9	0	1	0	4	0	0	46	13	0	13	0
125.0-125.9	0	1	0	4	0	0	46	13	11	6	0
126.0-126.9	0	1	0	4	0	0	23	13	17	0	0
127.0-127.9	0	1	0	4	2	0	23	13	6	0	0
128.0-128.9	0	1	0	4	2	0	46	16	0	0	0
129.0-129.9	0	1	0	4	2	0	46	16	6	3	29
130.0-130.9	0	1	0	4	2	0	70	16	6	12	114
131.0-131.9	0	1	0	4	2	0	70	16	6	7	0
132.0-132.9	0	1	0	4	2	0	23	16	0	10	0
133.0-133.9	0	1	0	4	2	0	23	76	0	7	0
134.0-134.9	0	0	0	4	2	0	0	76	6	0	0
135.0-135.9	0	0	0	4	2	0	46	76	11	11	0
136.0-136.9	0	0	0	4	2	0	46	76	6	15	0
137.0-137.9	0	0	0	4	2	0	23	76	11	14	0
138.0-138.9	0	0	0	4	2	0	23	62	11	17	0
139.0-139.9	0	0	0	4	2	0	23	62	17	10	0
140.0-140.9	1	2	2	4	2	0	23	62	28	3	0
141.0-141.9	1	2	2	4	2	0	23	62	6	10	0
142.0-142.9	1	2	2	4	2	0	70	62	17	13	0
143.0-143.9	1	2	2	4	2	0	70	50	11	19	0
144.0-144.9	1	2	2	4	5	0	70	50	0	24	0
145.0-145.9	2	6	4	4	5	0	70	50	17	16	0
146.0-146.9	2	6	4	4	5	0	23	50	0	6	0
147.0-147.9	2	6	4	4	5	0	23	50	6	6	0
148.0-148.9	2	6	4	4	5	0	0	59	11	18	0
149.0-149.9	2	9	4	7	11	8	0	59	6	34	0
150.0-150.9	3	9	7	7	11	8	46	59	11	14	0
151.0-151.9	3	9	7	7	11	8	46	59	11	22	0
152.0-152.9	3	9	7	7	11	8	46	59	6	8	0
153.0-153.9	3	9	7	7	11	8	46	44	6	23	0
154.0-154.9	2	8	6	6	10	8	46	44	6	9	0
155.0-155.9	2	8	6	6	10	8	46	44	0	4	0
156.0-156.9	2	8	6	6	10	4	23	44	17	13	143
157.0-157.9	2	8	6	6	10	4	23	44	22	20	0
158.0-158.9	2	8	6	6	4	9	46	125	11	10	0
159.0-159.9	2	7	5	5	4	9	46	125	22	6	0
160.0-160.9	2	7	5	5	4	9	46	125	17	21	0
161.0-161.9	2	7	5	5	4	9	46	125	22	14	0
162.0-162.9	2	7	5	5	4	9	46	125	28	33	0
163.0-163.9	2	7	5	5	4	9	70	125	39	11	0
164.0-164.9	1	2	1	1	3	6	0	54	28	4	0
165.0-165.9	1	2	1	1	3	6	0	54	11	23	0
166.0-166.9	1	2	1	1	3	6	23	54	22	12	0
167.0-167.9	1	2	1	1	3	6	23	54	28	5	0
168.0-168.9	1	2	1	3	3	6	46	9	28	15	95
169.0-169.9	1	4	3	3	6	3	46	9	39	14	48
170.0-170.9	1	4	3	3	6	3	23	9	56	21	0
171.0-171.9	1	4	3	3	6	3	23	9	34	29	0
172.0-172.9	1	4	3	3	6	3	0	9	22	27	0
173.0-173.9	1	4	3	3	6	3	0	9	22	44	0
174.0-174.9	1	4	3	6	8	9	0	9	39	21	0
175.0-175.9	3	9	6	6	8	9	3	9	34	41	0
176.0-176.9	3	9	6	6	8	9	3	9	28	27	0
177.0-177.9	3	9	6	6	8	9	0	9	22	18	0
178.0-178.9	3	9	6	6	8	9	0	12	17	44	119
179.0-179.9	3	21	14	11	11	12	0	12	22	48	24
180.0-180.9	6	21	14	11	11	12	0	12	6	42	0
181.0-181.9	6	21	14	11	11	12	0	12	22	39	0
182.0-182.9	6	21	14	11	11	12	0	12	6	24	0
183.0-183.9	6	21	14	11	11	12	2	20	22	15	0
184.0-184.9	6	21	14	11	15	12	0	20	0	35	0
185.0-185.9	10	35	25	15	15	12	0	20	22	27	0
186.0-186.9	10	35	25	15	15	12	0	20	6	5	143
187.0-187.9	10	35	25	15	15	12	0	20	6	8	0
188.0-188.9	10	35	25	15	15	12	0	16	6	14	0
189.0-189.9	10	35	25	15	15	12	0	16	6	23	0
190.0-190.9	13	48	33	26	26	14	0	16	0	18	0
191.0-191.9	13	48	33	26	26	14	3	16	0	9	29
192.0-192.9	13	48	33	26	26	14	3	16	6	28	485
193.0-193.9	13	48	33	26	26	14	3	11	0	8	171
194.0-194.9	13	44	31	26	65	23	5	11	6	10	86
195.0-195.9	13	44	31	26	65	23	5	11	0	16	193
196.0-196.9	13	44	31	26	65	23	7	11	6	1	178
197.0-197.9	13	44	31	26	65	23	7	11	0	11	0
198.0-198.9	13	44	31	26	65	23	3	24	11	6	171
199.0-199.9	11	38	27	27	122	39	3	24	0	6	114
200.0-200.9	11	38	27	27	122	39	7	24	11	8	143
201.0-201.9	11	38	27	27	122	39	7	24	0	11	0
202.0-202.9	11	38	27	27	122	39	5	24	0	0	143
203.0-203.9	11	38	27	27	122	39	5	24	0	10	0
204.0-204.9	8	26	19	19	161	80	5	24	6	15	143
205.0-205.9	8	26	19	19	161	80	5	24	6	8	464
206.0-206.9	8	26	19	19	161	80	5	24	6	10	107
207.0-207.9	8	26	19	19	161	80	3	24	11	1	0
208.0-208.9	8	26	19	19	161	80	3	23	17	15	285
209.0-209.9	5	18	13	13	166	118	5	23	20		
210.0-210.9											

211.0-211.9	5	18	13	166	118	5	23	20	11	10	428
212.0-212.9	5	18	13	166	118	2	23	20	0	6	285
213.0-213.9	5	18	13	166	118	2	23	20	11	5	0
214.0-214.9	5	18	13	166	118	10	46	20	6	5	0
215.0-215.9	4	12	9	137	129	10	46	33	22	9	214
216.0-216.9	4	12	9	137	129	12	70	33	17	16	214
217.0-217.9	4	12	9	137	129	12	70	33	17	31	143
218.0-218.9	4	12	9	137	129	12	46	33	22	18	285
219.0-219.9	4	12	9	137	129	12	46	33	11	25	0
220.0-220.9	3	10	7	95	123	7	46	25	17	11	285
221.0-221.9	3	10	7	95	123	7	46	25	22	17	143
222.0-222.9	3	10	7	95	123	5	0	25	17	34	0
223.0-223.9	3	10	7	95	123	5	0	25	17	38	0
224.0-224.9	3	10	7	95	123	7	46	25	17	38	238
225.0-225.9	2	6	4	58	94	7	46	40	28	38	404
226.0-226.9	2	6	4	58	94	7	23	40	6	32	71
227.0-227.9	2	6	4	58	94	7	23	40	22	39	0
228.0-228.9	2	6	4	58	94	3	23	40	17	30	0
229.0-229.9	2	6	4	58	94	3	23	40	17	25	0
230.0-230.9	1	2	1	42	70	7	23	50	39	38	0
231.0-231.9	1	2	1	42	70	7	23	50	11	42	0
232.0-232.9	1	2	1	42	70	2	23	50	17	38	0
233.0-233.9	1	2	1	42	70	2	23	50	22	59	143
234.0-234.9	1	2	1	42	70	3	23	50	28	28	0
235.0-235.9	1	3	2	25	34	3	23	53	11	32	0
236.0-236.9	1	3	2	25	34	2	46	53	11	33	0
237.0-237.9	1	3	2	25	34	2	46	53	11	35	0
238.0-238.9	1	3	2	25	34	8	23	53	28	45	0
239.0-239.9	1	3	2	25	34	8	23	53	11	48	0
240.0-240.9	0	1	1	15	29	2	0	41	22	28	0
241.0-241.9	0	1	1	15	29	2	0	41	17	51	0
242.0-242.9	0	1	1	15	29	10	23	41	22	55	0
243.0-243.9	0	1	1	15	29	10	23	41	11	21	143
244.0-244.9	0	1	1	15	29	8	0	41	11	33	0
245.0-245.9	0	1	1	6	14	8	0	21	17	49	0
246.0-246.9	0	1	1	6	14	8	23	21	11	24	0
247.0-247.9	0	1	1	6	14	8	23	21	28	64	0
248.0-248.9	0	1	1	6	14	8	0	21	17	49	0
249.0-249.9	0	1	1	6	14	8	0	21	17	27	0
250.0-250.9	0	0	0	3	5	10	0	28	39	46	0
251.0-251.9	0	0	0	3	5	10	0	28	22	19	0
252.0-252.9	0	0	0	3	5	10	0	28	34	69	0
253.0-253.9	0	0	0	3	5	10	0	28	17	25	0
254.0-254.9	0	0	0	3	5	13	0	28	17	44	0
255.0-255.9	0	0	0	3	3	13	0	31	17	25	0
256.0-256.9	0	0	0	3	3	20	0	31	17	44	0
257.0-257.9	0	0	0	3	3	20	0	31	22	25	0
258.0-258.9	0	0	0	3	3	10	0	31	11	42	0
259.0-259.9	0	0	0	3	3	10	0	31	11	51	0
260.0-260.9	0	0	0	2	0	8	0	4	6	21	0
261.0-261.9	0	0	0	2	0	8	0	4	6	32	0
262.0-262.9	0	0	0	2	0	5	0	4	11	34	0
263.0-263.9	0	0	0	2	0	5	0	4	0	30	0
264.0-264.9	0	0	0	2	0	5	0	4	11	33	0
265.0-265.9	0	0	0	1	0	5	0	12	0	38	0
266.0-266.9	0	0	0	1	0	0	0	12	6	34	0
267.0-267.9	0	0	0	1	0	0	0	12	0	30	0
268.0-268.9	0	0	0	1	0	0	0	12	0	4	0
269.0-269.9	0	0	0	1	0	0	0	12	0	0	0
270.0-270.9	0	0	0	0	0	0	0	4	6	4	0
271.0-271.9	0	0	0	0	0	0	0	4	0	21	0
272.0-272.9	0	0	0	0	0	0	0	4	0	25	0
273.0-273.9	0	0	0	0	0	0	0	4	0	13	0
274.0-274.9	0	0	0	0	0	0	0	4	0	0	0
275.0-275.9	0	0	0	0	0	0	0	3	0	6	0
276.0-276.9	0	0	0	0	0	0	0	3	0	0	0
277.0-277.9	0	0	0	0	0	0	0	3	0	6	0
278.0-278.9	0	0	0	0	0	0	0	3	0	0	0
279.0-279.9	0	0	0	0	0	0	0	3	0	0	0
TOTAL # FISH	444	1572	1101	5071	4265	769	3111	5046	2013	3249	6703

TOTAL CATCH(MT)	69	244	171	989	896	155	410	792	366	729	1203
TASK1 MT OR # FISH	69	244	171	989	896	155	410	792	366	729	1203
# FISH(ORIG.REC)	.3043E+05	.3043E+05	.3043E+05	.1076E+05	.1310E+05	233.0	67.00	1000.	360.0	515.0	47.00
MT(ORIGINAL REC)	4722.	4722.	4722.	2099.	2751.	46.92	8.827	156.9	65.45	115.6	8.434
RAISING FACTOR	.1000E-01	.5000E-01	.4000E-01	.4700	.3300	3.300	46.45	5.050	5.590	6.310	142.6
MEAN LENGTH (CM)	194.2	194.2	194.2	209.9	215.0	205.6	177.1	187.5	199.1	214.8	202.9
MEAN WEIGHT (KG)	155.2	155.2	155.2	195.0	210.1	201.4	131.7	156.9	181.8	224.3	179.4

AREA MEDI
COUNTRY ITALY Adriatic
GEAR PSFB

YEAR	71
QUARTER	2
115.0-115.9	1
116.0-116.9	1
117.0-117.9	1
118.0-118.9	1
119.0-119.9	1
120.0-120.9	1
121.0-121.9	1
122.0-122.9	1
123.0-123.9	1
124.0-124.9	1
125.0-125.9	1
126.0-126.9	1
127.0-127.9	1
128.0-128.9	1
129.0-129.9	1
135.0-135.9	1
136.0-136.9	1
137.0-137.9	1
138.0-138.9	1
139.0-139.9	1
140.0-140.9	4
141.0-141.9	4
142.0-142.9	4
143.0-143.9	4
144.0-144.9	4
145.0-145.9	7
146.0-146.9	7
147.0-147.9	7
148.0-148.9	7
149.0-149.9	7
150.0-150.9	3
151.0-151.9	3
152.0-152.9	3
153.0-153.9	3
154.0-154.9	3
155.0-155.9	8
156.0-156.9	8
157.0-157.9	8
158.0-158.9	8
159.0-159.9	8
160.0-160.9	16
161.0-161.9	16
162.0-162.9	16
163.0-163.9	16
164.0-164.9	16
165.0-165.9	36
166.0-166.9	36
167.0-167.9	36
168.0-168.9	36
169.0-169.9	36
170.0-170.9	25
171.0-171.9	25
172.0-172.9	25
173.0-173.9	25
174.0-174.9	25
175.0-175.9	15
176.0-176.9	15
177.0-177.9	15
178.0-178.9	15
179.0-179.9	15
180.0-180.9	18
181.0-181.9	18
182.0-182.9	18
183.0-183.9	18
184.0-184.9	18
185.0-185.9	25
186.0-186.9	25
187.0-187.9	25
188.0-188.9	25
189.0-189.9	25
190.0-190.9	31
191.0-191.9	31
192.0-192.9	31
193.0-193.9	31
194.0-194.9	31
195.0-195.9	8
196.0-196.9	8
197.0-197.9	8
198.0-198.9	8
199.0-199.9	8
200.0-200.9	21
201.0-201.9	21
202.0-202.9	21
203.0-203.9	21
204.0-204.9	21
205.0-205.9	7
206.0-206.9	7
207.0-207.9	7
208.0-208.9	7
209.0-209.9	7
210.0-210.9	18
211.0-211.9	18
212.0-212.9	18
213.0-213.9	18
214.0-214.9	18
215.0-215.9	17
216.0-216.9	17
217.0-217.9	17
218.0-218.9	17
219.0-219.9	17
220.0-220.9	26
221.0-221.9	26
222.0-222.9	26
223.0-223.9	26
224.0-224.9	26
225.0-225.9	11
226.0-226.9	11
227.0-227.9	11
228.0-228.9	11
229.0-229.9	11
230.0-230.9	21
231.0-231.9	21
232.0-232.9	21
233.0-233.9	21
234.0-234.9	21
235.0-235.9	49
236.0-236.9	49
237.0-237.9	49
238.0-238.9	49
239.0-239.9	49
240.0-240.9	57
241.0-241.9	57
242.0-242.9	57
243.0-243.9	57
244.0-244.9	57
245.0-245.9	82
246.0-246.9	82
247.0-247.9	82
248.0-248.9	82
249.0-249.9	82
250.0-250.9	59
251.0-251.9	59
252.0-252.9	59
253.0-253.9	59
254.0-254.9	59
255.0-255.9	55
256.0-256.9	55
257.0-257.9	55
258.0-258.9	55
259.0-259.9	55
260.0-260.9	23
261.0-261.9	23
262.0-262.9	23
263.0-263.9	23
264.0-264.9	23
265.0-265.9	23
266.0-266.9	23
267.0-267.9	23
268.0-268.9	23
269.0-269.9	23
270.0-270.9	13
271.0-271.9	13
272.0-272.9	13
273.0-273.9	13
274.0-274.9	13
275.0-275.9	5
276.0-276.9	5
277.0-277.9	5
278.0-278.9	5
279.0-279.9	5
TOTAL # FISH	3416

TOTAL CATCH(MT)		840
TASKI MT OR # FISH		840
# FISH(ORIG.REC)	1000.	
MT(ORIGINAL REC)	245.9	
RAISING FACTOR	3.420	
MEAN LENGTH (CM)	223.2	
MEAN WEIGHT (KG)	245.9	

AREA MEDI
COUNTRY ITALY Adriatic
GEAR PSFS

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	2	2	2
25.0- 25.9	0	0	0	15644	0	0	0	0	0	0	0
26.0- 26.9	0	0	0	15644	0	0	0	0	0	0	0
27.0- 27.9	0	0	0	15644	0	0	0	0	0	0	0
28.0- 28.9	0	0	0	15644	0	0	0	0	0	0	0
29.0- 29.9	0	0	0	15644	0	0	0	0	0	0	0
30.0- 30.9	72	593	2228	62578	35	65	13619	14519	24585	0	0
31.0- 31.9	72	593	2228	62578	35	65	13619	14519	24585	0	0
32.0- 32.9	72	593	2228	62578	35	65	13619	14519	24585	0	0
33.0- 33.9	72	593	2228	62578	35	65	13619	14519	24585	0	0
34.0- 34.9	72	593	2228	62578	35	65	13619	14519	24585	0	0
35.0- 35.9	0	593	16288	0	939	0	13619	29038	4453A	2473	0
36.0- 36.9	0	593	16288	0	939	0	13619	29038	4453A	2473	0
37.0- 37.9	0	593	16288	0	939	0	13619	29038	4453A	2473	0
38.0- 38.9	0	593	16288	0	939	0	13619	29038	4453A	2473	0
39.0- 39.9	0	593	16288	0	939	0	13619	29038	4453A	2473	0
40.0- 40.9	0	0	0	0	0	0	4838	4840	0	0	0
41.0- 41.9	0	0	0	0	0	0	4838	4840	0	0	0
42.0- 42.9	0	0	0	0	0	0	4838	4840	0	0	0
43.0- 43.9	0	0	0	0	0	0	4838	4840	0	0	0
44.0- 44.9	0	0	0	0	0	0	4838	4840	0	0	0
45.0- 45.9	0	0	0	0	0	0	0	2357	0	0	0
46.0- 46.9	0	0	0	0	0	0	0	2357	0	0	0
47.0- 47.9	0	0	0	0	0	0	0	2357	0	0	0
48.0- 48.9	0	0	0	0	0	0	0	2357	0	0	0
49.0- 49.9	0	0	0	0	0	0	0	2357	0	0	0
55.0- 55.9	3	8	9	3	47	86	22	5	0	362	0
56.0- 56.9	3	8	9	3	47	86	22	5	0	362	0
57.0- 57.9	3	8	9	3	47	86	22	5	0	362	0
58.0- 58.9	3	8	9	3	47	86	22	5	0	362	0
59.0- 59.9	3	8	9	3	47	86	22	5	0	362	0
60.0- 60.9	10	26	0	8	169	291	82	19	0	1267	0
61.0- 61.9	10	26	0	8	169	291	82	19	0	1267	0
62.0- 62.9	10	26	0	8	169	291	82	19	0	1267	0
63.0- 63.9	10	26	0	8	169	291	82	19	0	1267	0
64.0- 64.9	10	26	0	8	169	291	82	19	0	1267	0
65.0- 65.9	7	18	0	6	122	210	60	15	0	905	0
66.0- 66.9	7	18	0	6	122	210	60	15	0	905	0
67.0- 67.9	7	18	0	6	122	210	60	15	0	905	0
68.0- 68.9	7	18	0	6	122	210	60	15	0	905	0
69.0- 69.9	7	18	0	6	122	210	60	15	0	905	0
70.0- 70.9	3	5	5	2	35	63	16	5	0	241	0
71.0- 71.9	3	5	5	2	35	63	16	5	0	241	0
72.0- 72.9	3	5	5	2	35	63	16	5	0	241	0
73.0- 73.9	3	5	5	2	35	63	16	5	0	241	0
74.0- 74.9	3	5	5	2	35	63	16	5	0	241	0
75.0- 75.9	7	18	5	6	120	207	60	15	0	362	0
76.0- 76.9	7	18	5	6	120	207	60	15	0	362	0
77.0- 77.9	7	18	5	6	120	207	60	15	0	362	0
78.0- 78.9	7	18	5	6	120	207	60	15	0	362	0
79.0- 79.9	7	18	5	6	120	207	60	15	0	362	0
80.0- 80.9	9	23	0	7	143	249	71	19	0	1086	0
81.0- 81.9	9	23	0	7	143	249	71	19	0	1086	0
82.0- 82.9	9	23	0	7	143	249	71	19	0	1086	0
83.0- 83.9	9	23	0	7	143	249	71	19	0	1086	0
84.0- 84.9	9	23	0	7	143	249	71	19	0	1086	0
85.0- 85.9	3	5	5	2	35	63	16	5	0	241	0
86.0- 86.9	3	5	5	2	35	63	16	5	0	241	0
87.0- 87.9	3	5	5	2	35	63	16	5	0	241	0
88.0- 88.9	3	5	5	2	35	63	16	5	0	241	0
89.0- 89.9	3	5	5	2	35	63	16	5	0	241	0
90.0- 90.9	13	29	5	3	24	22	16	10	0	302	0
91.0- 91.9	13	29	5	3	24	22	16	10	0	302	0
92.0- 92.9	13	29	5	3	24	22	16	10	0	302	0
93.0- 93.9	13	29	5	3	24	22	16	10	0	302	0
94.0- 94.9	13	29	5	3	24	22	16	10	0	302	0
95.0- 95.9	23	47	13	5	38	37	22	15	0	483	0
96.0- 96.9	23	47	13	5	38	37	22	15	0	483	0
97.0- 97.9	23	47	13	5	38	37	22	15	0	483	0
98.0- 98.9	23	47	13	5	38	37	22	15	0	483	0
99.0- 99.9	23	47	13	5	38	37	22	15	0	483	0
100.0-100.9	58	122	9	13	101	94	65	34	0	1206	0
101.0-101.9	58	122	9	13	101	94	65	34	0	1206	0
102.0-102.9	58	122	9	13	101	94	65	34	0	1206	0
103.0-103.9	58	122	9	13	101	94	65	34	0	1206	0
104.0-104.9	58	122	9	13	101	94	65	34	0	1206	0
105.0-105.9	41	88	13	8	63	86	44	19	0	844	0
106.0-106.9	41	88	13	8	63	86	44	19	0	844	0
107.0-107.9	41	88	13	8	63	86	44	19	0	844	0
108.0-108.9	41	88	13	8	63	86	44	19	0	844	0
109.0-109.9	41	88	13	8	63	86	44	19	0	844	0
110.0-110.9	27	57	36	3	26	87	27	10	0	483	0
111.0-111.9	27	57	36	3	26	87	27	10	0	483	0
112.0-112.9	27	57	36	3	26	87	27	10	0	483	0
113.0-113.9	27	57	36	3	26	87	27	10	0	483	0
114.0-114.9	27	57	36	3	26	87	27	10	0	483	0
115.0-115.9	45	96	18	9	73	93	49	24	0	965	0
116.0-116.9	45	96	18	9	73	93	49	24	0	965	0
117.0-117.9	45	96	18	9	73	93	49	24	0	965	0
118.0-118.9	45	96	18	9	73	93	49	24	0	965	0
119.0-119.9	45	96	18	9	73	93	49	24	0	965	0
120.0-120.9	41	85	58	8	63	85	44	29	0	844	0
121.0-121.9	41	85	58	8	63	85	44	29	0	844	0
122.0-122.9	41	85	58	8	63	85	44	29	0	844	0
123.0-123.9	41	85	58	8	63	85	44	29	0	844	0
124.0-124.9	41	85	58	8	63	85	44	29	0	844	0
125.0-125.9	35	75	120	13	35	97	38	10	0	663	0
126.0-126.9	35	75	120	13	35	97	38	10	0	663	0
127.0-127.9	35	75	120	13	35	97	38	10	0	663	0
128.0-128.9	35	75	120	13	35	97	38	10	0	663	0
129.0-129.9	35	75	120	13	35	97	38	10	0	663	0
130.0-130.9	16	34	67	18	9	34	16	5	0	302	0

131.0-131.9	16	34	67	18	9	34	16	5	0	302		0
132.0-132.9	16	34	67	18	9	34	16	5	0	302		0
133.0-133.9	16	34	67	18	9	34	16	5	0	302		0
134.0-134.9	16	34	67	18	9	34	16	5	0	302		0
TOTAL # FISH	2054	9602	94385	391677	10388	9332	163620	254952	345612	65134		0

TOTAL CATCH(MT)		47	105	161	267	94	146	220	296	325	1099		0
TASK1 MT OR # FISH		47	105	161	267	94	146	220	296	325	1099		0
# FISH(ORIG.REC)	291.0	742.0	4236.	.1545E+06	885.0	1523.	6007.	.1054E+05	1552.	216.0		407.0	
MT(ORIGINAL REC)	6.659	8.114	7.226	105.3	8.008	23.83	8.077	12.23	1.459	3.645		1.291	
RAISING FACTOR	7.060	12.94	22.28	2.530	11.74	6.130	27.24	24.20	222.7	301.5		0.	
MEAN LENGTH (CM)	94.70	62.58	38.47	31.61	63.79	84.88	37.24	37.29	35.72	84.05		40.40	
MEAN WEIGHT (KG)	22.88	10.93	1.710	.6800	9.050	15.64	1.350	1.160	.9400	16.87		3.170	

AREA MEDI
COUNTRY ITALY Adriatic
GEAR PSFS

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2	2	2
46.0- 46.9	0	6	0	0	0	20	79	0	0	0	0
47.0- 47.9	0	8	0	0	0	25	99	0	0	0	0
48.0- 48.9	0	8	0	0	0	25	99	0	0	0	0
49.0- 49.9	0	8	0	0	0	25	99	0	0	0	0
50.0- 50.9	0	8	0	0	0	25	99	0	0	0	0
51.0- 51.9	0	8	0	0	0	25	99	0	0	0	0
52.0- 52.9	0	8	0	0	0	25	99	0	0	0	0
53.0- 53.9	0	8	0	0	0	25	99	0	0	0	0
54.0- 54.9	0	8	0	0	0	25	99	0	0	0	0
55.0- 55.9	0	8	0	0	0	25	99	0	0	0	0
56.0- 56.9	0	8	0	0	0	25	99	0	0	0	0
57.0- 57.9	0	8	0	0	0	25	99	0	0	0	0
58.0- 58.9	0	8	0	0	0	25	99	0	0	0	0
59.0- 59.9	0	8	0	0	0	25	99	0	0	0	0
60.0- 60.9	0	8	0	0	0	25	99	0	0	0	0
61.0- 61.9	0	8	0	0	0	25	99	0	0	0	0
62.0- 62.9	0	8	0	0	0	25	99	0	0	0	0
63.0- 63.9	0	8	0	0	0	25	99	0	0	0	0
64.0- 64.9	0	8	0	0	0	25	99	0	0	0	0
65.0- 65.9	0	8	0	0	0	25	99	0	0	0	0
66.0- 66.9	308	41	87	0	0	247	113	0	0	0	0
67.0- 67.9	615	78	174	0	0	478	166	0	0	0	0
68.0- 68.9	615	78	174	0	0	478	166	0	0	0	0
69.0- 69.9	615	78	174	0	0	478	166	0	0	0	0
70.0- 70.9	615	78	174	0	0	478	166	0	0	0	0
71.0- 71.9	615	78	174	0	0	478	166	0	0	0	0
72.0- 72.9	615	78	174	0	0	478	166	0	0	0	0
73.0- 73.9	615	78	174	0	0	478	166	0	0	0	0
74.0- 74.9	615	78	174	0	0	478	166	0	0	0	0
75.0- 75.9	615	78	174	0	0	478	166	0	0	0	0
76.0- 76.9	615	78	174	0	0	478	166	0	0	0	0
77.0- 77.9	615	78	174	0	0	478	166	0	0	0	0
78.0- 78.9	615	78	174	0	0	478	166	0	0	0	0
79.0- 79.9	615	78	174	0	0	478	166	0	0	0	0
80.0- 80.9	1018	166	179	0	0	817	33	141	452	452	452
81.0- 81.9	1491	251	241	0	0	1203	0	235	753	753	753
82.0- 82.9	1491	251	241	0	0	1203	0	235	753	753	753
83.0- 83.9	1491	251	241	0	0	1203	0	235	753	753	753
84.0- 84.9	1491	251	241	0	0	1203	0	235	753	753	753
85.0- 85.9	1491	251	241	0	0	1203	0	235	753	753	753
86.0- 86.9	1491	251	241	0	0	1203	0	235	753	753	753
87.0- 87.9	1491	251	241	0	0	1203	0	235	753	753	753
88.0- 88.9	1491	251	241	0	0	1203	0	235	753	753	753
89.0- 89.9	1491	251	241	0	0	1203	0	235	753	753	753
90.0- 90.9	1491	251	241	0	0	1203	0	235	753	753	753
91.0- 91.9	1491	251	241	0	0	1203	0	235	753	753	753
92.0- 92.9	1491	251	241	0	0	1203	0	235	753	753	753
93.0- 93.9	1491	251	241	0	0	1203	0	235	753	753	753
94.0- 94.9	1230	215	202	0	0	1081	8	220	705	705	705
95.0- 95.9	185	73	49	0	0	592	42	160	513	513	513
96.0- 96.9	185	73	49	0	0	592	42	160	513	513	513
97.0- 97.9	185	73	49	0	0	592	42	160	513	513	513
98.0- 98.9	185	73	49	0	0	592	42	160	513	513	513
99.0- 99.9	185	73	49	0	0	592	42	160	513	513	513
100.0-100.9	185	73	49	0	0	592	42	160	513	513	513
101.0-101.9	185	73	49	0	0	592	42	160	513	513	513
102.0-102.9	185	73	49	0	0	592	42	160	513	513	513
103.0-103.9	185	73	49	0	0	592	42	160	513	513	513
104.0-104.9	185	73	49	0	0	592	42	160	513	513	513
105.0-105.9	185	73	49	0	0	592	42	160	513	513	513
106.0-106.9	185	73	49	0	0	592	42	160	513	513	513
107.0-107.9	185	73	49	0	0	592	42	160	513	513	513
108.0-108.9	185	73	49	0	0	592	42	160	513	513	513
109.0-109.9	185	73	49	0	0	592	42	160	513	513	513
110.0-110.9	185	73	49	0	0	592	42	160	513	513	513
111.0-111.9	185	73	49	0	0	592	42	160	513	513	513
112.0-112.9	185	73	49	0	0	592	42	160	513	513	513
113.0-113.9	185	73	49	0	0	592	42	160	513	513	513
114.0-114.9	158	58	40	0	0	476	34	128	411	411	411
115.0-115.9	48	0	6	0	0	11	0	1	3	3	3
116.0-116.9	48	0	6	0	0	11	0	1	3	3	3
117.0-117.9	48	0	6	0	0	11	0	1	3	3	3
118.0-118.9	48	0	6	0	0	11	0	1	3	3	3
119.0-119.9	48	0	6	0	0	11	0	1	3	3	3
120.0-120.9	48	0	6	0	0	11	0	1	3	3	3
121.0-121.9	48	0	6	0	0	11	0	1	3	3	3
122.0-122.9	48	0	6	0	0	11	0	1	3	3	3
123.0-123.9	48	0	6	0	0	11	0	1	3	3	3
124.0-124.9	48	0	6	0	0	11	0	1	3	3	3
125.0-125.9	48	0	6	0	0	11	0	1	3	3	3
126.0-126.9	48	0	6	0	0	11	0	1	3	3	3
127.0-127.9	48	0	6	0	0	11	0	1	3	3	3
128.0-128.9	48	0	6	0	0	11	0	1	3	3	3
129.0-129.9	48	0	6	0	0	10	0	1	2	2	2
130.0-130.9	43	0	6	0	0	0	0	0	0	0	0
131.0-131.9	0	0	2	0	0	0	0	0	0	0	0
132.0-132.9	0	0	2	0	0	0	0	0	0	0	0
133.0-133.9	0	0	2	0	0	0	0	0	0	0	0
134.0-134.9	0	0	2	0	0	0	0	0	0	0	0
135.0-135.9	0	0	2	0	0	0	0	0	0	0	0
136.0-136.9	0	0	2	0	0	0	0	0	0	0	0
137.0-137.9	0	0	2	0	0	0	0	0	0	0	0
138.0-138.9	0	0	2	0	0	0	0	0	0	0	0
139.0-139.9	0	0	2	0	0	0	0	0	0	0	0
140.0-140.9	0	0	2	0	0	0	0	0	0	0	0
141.0-141.9	0	0	2	0	0	0	0	0	0	0	0
142.0-142.9	0	0	3	0	0	0	0	0	0	0	0
143.0-143.9	0	0	4	0	0	2	0	1	2	2	2
144.0-144.9	0	0	4	0	0	2	0	1	2	2	2
145.0-145.9	0	0	4	0	0	2	0	1	2	2	2
146.0-146.9	0	0	4	0	0	2	0	1	2	2	2

147.0-147.9	0	0	4	0	0	2	0	1	?	?	?	?
148.0-148.9	0	0	4	0	0	2	0	1	?	?	?	?
149.0-149.9	0	0	4	0	0	2	0	1	?	?	?	?
150.0-150.9	0	0	4	0	0	2	0	1	?	?	?	?
151.0-151.9	0	0	4	0	0	2	0	1	?	?	?	?
152.0-152.9	0	0	4	0	0	2	0	1	?	?	?	?
153.0-153.9	0	0	4	0	0	2	0	1	?	?	?	?
154.0-154.9	0	0	4	0	0	2	0	1	?	?	?	?
155.0-155.9	0	0	4	0	0	2	0	1	?	?	?	?
156.0-156.9	0	0	4	0	0	2	0	1	?	?	?	?
157.0-157.9	0	0	4	0	0	2	0	1	?	?	?	?
158.0-158.9	0	0	4	0	0	2	0	1	?	?	?	?
159.0-159.9	0	0	4	0	0	2	0	1	?	?	?	?
160.0-160.9	0	0	4	0	0	2	0	1	?	?	?	?
161.0-161.9	0	0	4	0	0	2	0	1	?	?	?	?
162.0-162.9	0	0	4	0	0	2	0	1	?	?	?	?
163.0-163.9	0	0	4	0	0	2	0	1	?	?	?	?
164.0-164.9	0	0	4	0	0	2	0	1	?	?	?	?
165.0-165.9	0	0	4	0	0	2	0	1	?	?	?	?
166.0-166.9	0	0	4	0	0	2	0	1	?	?	?	?
167.0-167.9	0	0	4	0	0	2	0	1	?	?	?	?
168.0-168.9	0	0	4	0	0	2	0	1	?	?	?	?
169.0-169.9	0	0	4	0	0	2	0	1	?	?	?	?
170.0-170.9	0	0	4	0	0	2	0	1	?	?	?	?
171.0-171.9	0	0	4	0	0	2	0	1	?	?	?	?
172.0-172.9	0	0	4	0	0	2	0	1	?	?	?	?
173.0-173.9	0	0	4	0	0	2	0	1	?	?	?	?
174.0-174.9	0	0	4	0	0	2	0	1	?	?	?	?
175.0-175.9	0	0	4	0	0	2	0	1	?	?	?	?
176.0-176.9	0	0	4	0	0	2	0	1	?	?	?	?
177.0-177.9	0	0	4	0	0	2	0	1	?	?	?	?
178.0-178.9	0	0	4	0	0	2	0	1	?	?	?	?
179.0-179.9	0	0	4	0	0	2	0	1	?	?	?	?
180.0-180.9	0	0	4	0	0	2	0	1	?	?	?	?
181.0-181.9	0	0	4	0	0	2	0	1	?	?	?	?
182.0-182.9	0	0	4	0	0	2	0	1	?	?	?	?
183.0-183.9	0	0	4	0	0	2	0	1	?	?	?	?
184.0-184.9	0	0	4	0	0	2	0	1	?	?	?	?
185.0-185.9	0	0	4	0	0	2	0	1	?	?	?	?
186.0-186.9	0	0	4	0	0	2	0	1	?	?	?	?
187.0-187.9	0	0	4	0	0	2	0	1	?	?	?	?
188.0-188.9	0	0	4	0	0	2	0	1	?	?	?	?
189.0-189.9	0	0	4	0	0	2	0	1	?	?	?	?
190.0-190.9	0	0	4	0	0	2	0	1	?	?	?	?
191.0-191.9	0	0	4	0	0	2	0	1	?	?	?	?
192.0-192.9	0	0	4	0	0	2	0	1	?	?	?	?
193.0-193.9	0	0	4	0	0	2	0	1	?	?	?	?
194.0-194.9	0	0	1	0	0	1	0	0	1	1	1	1
TOTAL # FISH	34791	6295	7259	0	0	36396	5235	6474	2071A	2071A	2071A	
TOTAL CATCH(MT)	496	95	117	0	0	597	47	125	400	400	400	
TASKI MT OR # FISH	496	95	117	0	0	597	47	125	400	400	400	
# FISH(ORIG.REC)	100.0	100.0	100.0	200.0	200.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MT(ORIGINAL REC)	1.426	1.509	1.612	3.252	3.252	1.640	.8980	1.925	1.925	1.925	1.925	
RAISING FACTOR	347.9	62.95	72.60	0.	0.	364.0	52.36	64.94	207.8	207.8	207.8	
MEAN LENGTH (CM)	87.20	88.76	88.23	89.55	89.55	90.87	71.96	96.85	96.85	96.85	96.85	
MEAN WEIGHT (KG)	14.26	15.09	16.12	16.26	16.26	16.40	8.980	19.31	19.31	19.31	19.31	

AREA MEDI
COUNTRY ITALY
GEAR : HAND FB

YEAR	70	71	72	73	74	75	76	77	78	79	81
QUARTER	2	2	2	2	2	2	2	2	2	2	2
94.0- 94.9	0	0	0	0	0	0	0	0	0	0	0
95.0- 95.9	0	0	0	0	0	0	0	0	0	0	0
96.0- 96.9	0	0	0	0	0	0	0	0	0	0	1
97.0- 97.9	0	0	0	0	0	0	0	0	0	0	0
98.0- 98.9	0	0	0	0	0	0	0	0	0	0	0
99.0- 99.9	0	0	0	0	0	0	0	0	0	0	1
100.0-100.9	0	0	0	0	0	0	0	0	0	0	1
101.0-101.9	0	0	0	0	0	0	0	0	0	0	1
102.0-102.9	0	0	0	0	0	0	0	0	0	0	1
103.0-103.9	0	0	0	0	0	0	0	0	0	0	1
104.0-104.9	0	0	0	0	0	0	0	0	0	0	1
105.0-105.9	0	0	0	0	0	0	0	0	0	0	1
106.0-106.9	0	0	0	0	0	0	0	0	0	0	1
107.0-107.9	0	0	0	0	0	0	0	0	0	0	1
108.0-108.9	0	0	0	0	0	0	0	0	0	0	1
109.0-109.9	0	0	0	0	0	0	0	0	0	0	1
110.0-110.9	0	0	0	0	0	0	0	0	0	0	1
111.0-111.9	0	0	0	0	0	0	0	0	0	0	1
112.0-112.9	0	0	0	0	0	0	0	0	0	0	1
113.0-113.9	0	0	0	0	0	0	0	0	0	0	1
114.0-114.9	0	0	0	0	0	0	0	0	0	0	1
115.0-115.9	0	0	0	0	0	0	0	0	0	0	1
116.0-116.9	0	0	0	0	0	0	0	0	0	0	1
117.0-117.9	0	0	0	0	0	1	0	0	0	0	1
118.0-118.9	0	0	0	0	0	1	0	0	0	0	1
119.0-119.9	3	0	0	0	0	0	0	0	0	0	1
120.0-120.9	6	0	0	0	0	0	0	0	0	0	1
121.0-121.9	5	0	0	0	0	1	0	0	0	0	1
122.0-122.9	0	0	0	0	0	1	0	0	0	0	1
123.0-123.9	0	0	0	0	0	1	0	0	0	0	1
124.0-124.9	0	0	0	0	0	1	0	0	0	0	1
125.0-125.9	0	0	0	0	0	1	0	0	0	0	2
126.0-126.9	0	0	0	0	0	1	0	0	0	0	2
127.0-127.9	0	0	0	0	0	1	0	0	0	0	1
128.0-128.9	0	0	0	0	0	1	0	0	0	0	1
129.0-129.9	0	0	0	0	0	1	0	0	0	0	1
130.0-130.9	0	0	0	0	0	1	0	0	0	0	1
131.0-131.9	1	0	0	1	1	2	1	0	0	0	1
132.0-132.9	5	0	1	1	1	2	1	0	0	0	1
133.0-133.9	0	0	1	0	0	1	1	0	0	0	1
134.0-134.9	0	0	0	0	0	1	1	0	0	0	1
135.0-135.9	0	0	1	1	1	2	1	0	0	0	1
136.0-136.9	0	0	1	1	1	2	1	0	0	0	1
137.0-137.9	0	0	0	0	0	1	1	0	0	0	1
138.0-138.9	0	0	0	0	0	1	1	0	0	0	1
139.0-139.9	0	0	1	1	1	2	1	1	0	0	1
140.0-140.9	0	0	1	1	1	2	1	1	0	0	1
141.0-141.9	0	0	1	1	1	2	1	1	0	0	1
142.0-142.9	0	0	1	1	1	2	1	1	0	0	1
143.0-143.9	0	0	1	1	1	2	1	1	0	0	0
144.0-144.9	0	0	1	1	1	2	1	1	0	0	0
145.0-145.9	0	1	1	1	1	2	1	1	0	0	0
146.0-146.9	0	1	1	1	1	2	1	1	0	0	0
147.0-147.9	0	1	1	1	1	3	1	1	0	0	0
148.0-148.9	0	1	1	1	1	3	1	1	0	0	0
149.0-149.9	0	1	1	1	1	2	1	1	0	0	0
150.0-150.9	0	0	1	1	1	2	1	1	0	0	0
151.0-151.9	0	0	1	1	1	2	2	2	0	0	1
152.0-152.9	0	0	1	1	1	2	2	2	0	0	1
153.0-153.9	0	0	1	1	1	2	2	2	0	0	0
154.0-154.9	0	0	1	1	1	2	2	2	0	0	0
155.0-155.9	0	1	1	1	1	2	2	3	1	0	1
156.0-156.9	0	1	1	1	1	2	2	3	1	0	1
157.0-157.9	0	1	1	1	1	2	2	2	1	0	1
158.0-158.9	7	1	1	1	1	2	2	2	1	0	1
159.0-159.9	0	1	1	1	1	2	2	2	1	0	0
160.0-160.9	0	1	1	1	1	2	2	2	1	0	0
161.0-161.9	0	1	1	1	1	3	2	2	2	0	1
162.0-162.9	0	1	2	2	2	3	2	2	2	0	1
163.0-163.9	0	1	2	2	2	2	3	3	0	0	1
164.0-164.9	0	1	1	1	1	2	3	3	0	0	1
165.0-165.9	0	2	2	2	2	1	2	2	0	0	1
166.0-166.9	0	2	2	2	2	1	2	2	0	0	1
167.0-167.9	0	2	2	2	2	2	2	2	1	0	1
168.0-168.9	0	2	2	2	2	2	2	2	1	0	1
169.0-169.9	0	2	2	2	2	2	2	2	1	0	2
170.0-170.9	4	2	1	1	1	1	2	2	1	0	2
171.0-171.9	2	2	1	1	1	1	2	2	1	0	1
172.0-172.9	0	2	2	2	2	2	1	1	1	0	1
173.0-173.9	0	2	2	2	2	2	1	1	2	0	1
174.0-174.9	0	2	1	1	1	1	2	2	2	0	1
175.0-175.9	0	1	1	1	1	1	1	1	1	0	1
176.0-176.9	0	1	1	1	1	1	1	1	1	0	1
177.0-177.9	0	1	1	1	1	1	1	1	1	0	1
178.0-178.9	0	1	1	1	1	1	1	1	1	0	1
179.0-179.9	0	1	1	1	1	1	1	1	1	0	1
180.0-180.9	6	1	2	2	2	4	1	0	0	0	1
181.0-181.9	1	1	2	2	2	4	1	0	1	0	2
182.0-182.9	0	1	1	1	1	2	1	1	1	0	2
183.0-183.9	0	1	1	1	1	2	1	1	1	0	1
184.0-184.9	0	1	2	2	2	3	1	0	1	0	1
185.0-185.9	0	2	2	2	2	3	1	1	2	0	1
186.0-186.9	0	2	2	2	2	1	1	1	2	0	1
187.0-187.9	0	2	2	2	2	1	1	1	2	0	1
188.0-188.9	7	2	2	2	2	3	1	0	0	0	1
189.0-189.9	0	2	2	2	2	3	1	0	0	0	2
190.0-190.9	0	2	2	2	2	2	1	0	1	0	2
191.0-191.9	0	2	2	2	2	2	1	0	2	0	1
192.0-192.9	0	2	2	2	2	2	1	0	2	0	1
193.0-193.9	1	2	2	2	2	2	1	0	1	0	1
194.0-194.9	23	2	2	2	2	2	1	0	1	0	1

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AREA MEDI
COUNTRY ITALY
GEAR HAND FS

YEAR	70	71	72	73	74	75	76	77	78	79	81
QUARTER	2	2	2	2	2	2	2	2	2	2	2
30.0- 30.9	2400	1749	0	1871	1871	1871	1871	1871	1658	2583	1023
31.0- 31.9	2400	1749	0	1871	1871	1871	1871	1871	1658	2583	1023
32.0- 32.9	2400	1749	0	1871	1871	1871	1871	1871	1658	2583	1023
33.0- 33.9	2400	1749	0	1871	1871	1871	1871	1871	1658	2583	1023
34.0- 34.9	2400	1749	0	1871	1871	1871	1871	1871	1658	2583	1023
35.0- 35.9	0	6806	3989	5986	5986	5986	5986	5986	5305	0	0
36.0- 36.9	0	6806	3989	5986	5986	5986	5986	5986	5305	0	0
37.0- 37.9	0	6806	3989	5986	5986	5986	5986	5986	5305	0	0
38.0- 38.9	0	6806	3989	5986	5986	5986	5986	5986	5305	0	0
39.0- 39.9	0	6806	3989	5986	5986	5986	5986	5986	5305	0	0
40.0- 40.9	0	0	0	329	329	329	329	329	292	0	0
41.0- 41.9	0	0	0	329	329	329	329	329	292	0	0
42.0- 42.9	0	0	0	329	329	329	329	329	292	0	0
43.0- 43.9	0	0	0	329	329	329	329	329	292	0	0
44.0- 44.9	0	0	0	329	329	329	329	329	292	0	0
55.0- 55.9	14	0	3	0	0	0	0	0	0	0	0
56.0- 56.9	14	0	3	0	0	0	0	0	0	0	0
57.0- 57.9	14	0	3	0	0	0	0	0	0	0	0
58.0- 58.9	14	0	3	0	0	0	0	0	0	0	0
59.0- 59.9	14	0	3	0	0	0	0	0	0	0	0
60.0- 60.9	55	0	17	2	2	2	2	2	1	0	0
61.0- 61.9	55	0	17	2	2	2	2	2	1	0	0
62.0- 62.9	55	0	17	2	2	2	2	2	1	0	0
63.0- 63.9	55	0	17	2	2	2	2	2	1	0	0
64.0- 64.9	55	0	17	2	2	2	2	2	1	0	0
65.0- 65.9	41	0	14	1	1	1	1	1	1	0	0
66.0- 66.9	41	0	14	1	1	1	1	1	1	0	0
67.0- 67.9	41	0	14	1	1	1	1	1	1	0	0
68.0- 68.9	41	0	14	1	1	1	1	1	1	0	0
69.0- 69.9	41	0	14	1	1	1	1	1	1	0	0
70.0- 70.9	14	0	3	0	0	0	0	0	0	0	0
71.0- 71.9	14	0	3	0	0	0	0	0	0	0	0
72.0- 72.9	14	0	3	0	0	0	0	0	0	0	0
73.0- 73.9	14	0	3	0	0	0	0	0	0	0	0
74.0- 74.9	14	0	3	0	0	0	0	0	0	0	0
75.0- 75.9	41	0	14	1	1	1	1	1	1	0	0
76.0- 76.9	41	0	14	1	1	1	1	1	1	0	0
77.0- 77.9	41	0	14	1	1	1	1	1	1	0	0
78.0- 78.9	41	0	14	1	1	1	1	1	1	0	0
79.0- 79.9	41	0	14	1	1	1	1	1	1	0	0
80.0- 80.9	48	0	17	1	1	1	1	1	1	0	0
81.0- 81.9	48	0	17	1	1	1	1	1	1	0	0
82.0- 82.9	48	0	17	1	1	1	1	1	1	0	0
83.0- 83.9	48	0	17	1	1	1	1	1	1	0	0
84.0- 84.9	48	0	17	1	1	1	1	1	1	0	0
85.0- 85.9	14	0	3	0	0	0	0	0	0	0	0
86.0- 86.9	14	0	3	0	0	0	0	0	0	0	0
87.0- 87.9	14	0	3	0	0	0	0	0	0	0	0
88.0- 88.9	14	0	3	0	0	0	0	0	0	0	0
89.0- 89.9	14	0	3	0	0	0	0	0	0	0	0
90.0- 90.9	0	0	7	1	1	1	1	1	1	0	0
91.0- 91.9	0	0	7	1	1	1	1	1	1	0	0
92.0- 92.9	0	0	7	1	1	1	1	1	1	0	0
93.0- 93.9	0	0	7	1	1	1	1	1	1	0	0
94.0- 94.9	0	0	7	1	1	1	1	1	1	0	0
95.0- 95.9	0	0	10	1	1	1	1	1	1	0	0
96.0- 96.9	0	0	10	1	1	1	1	1	1	0	0
97.0- 97.9	0	0	10	1	1	1	1	1	1	0	0
98.0- 98.9	0	0	10	1	1	1	1	1	1	0	0
99.0- 99.9	0	0	10	1	1	1	1	1	1	0	0
100.0-100.9	21	0	24	3	3	3	3	3	3	0	0
101.0-101.9	21	0	24	3	3	3	3	3	3	0	0
102.0-102.9	21	0	24	3	3	3	3	3	3	0	0
103.0-103.9	21	0	24	3	3	3	3	3	3	0	0
104.0-104.9	21	0	24	3	3	3	3	3	3	0	0
105.0-105.9	14	0	17	2	2	2	2	2	2	0	0
106.0-106.9	14	0	17	2	2	2	2	2	2	0	0
107.0-107.9	14	0	17	2	2	2	2	2	2	0	0
108.0-108.9	14	0	17	2	2	2	2	2	2	0	0
109.0-109.9	14	0	17	2	2	2	2	2	2	0	0
110.0-110.9	27	2	10	2	2	2	2	2	1	0	0
111.0-111.9	27	2	10	2	2	2	2	2	1	0	0
112.0-112.9	27	2	10	2	2	2	2	2	1	0	0
113.0-113.9	27	2	10	2	2	2	2	2	1	0	0
114.0-114.9	27	2	10	2	2	2	2	2	1	0	0
115.0-115.9	14	0	21	3	3	3	3	3	2	0	0
116.0-116.9	14	0	21	3	3	3	3	3	2	0	0
117.0-117.9	14	0	21	3	3	3	3	3	2	0	0
118.0-118.9	14	0	21	3	3	3	3	3	2	0	0
119.0-119.9	14	0	21	3	3	3	3	3	2	0	0
120.0-120.9	14	0	17	2	2	2	2	2	2	0	0
121.0-121.9	14	0	17	2	2	2	2	2	2	0	0
122.0-122.9	14	0	17	2	2	2	2	2	2	0	0
123.0-123.9	14	0	17	2	2	2	2	2	2	0	0
124.0-124.9	14	0	17	2	2	2	2	2	2	0	0
125.0-125.9	34	2	17	2	2	2	2	2	2	98	39
126.0-126.9	34	2	17	2	2	2	2	2	2	98	39
127.0-127.9	34	2	17	2	2	2	2	2	2	98	39
128.0-128.9	34	2	17	2	2	2	2	2	2	98	39
129.0-129.9	34	2	17	2	2	2	2	2	2	98	39
130.0-130.9	27	2	7	1	1	1	1	1	1	98	39
131.0-131.9	27	2	7	1	1	1	1	1	1	98	39
132.0-132.9	27	2	7	1	1	1	1	1	1	98	39
133.0-133.9	27	2	7	1	1	1	1	1	1	98	39
134.0-134.9	27	2	7	1	1	1	1	1	1	98	39
TOTAL # FISH	13875	42807	20960	41036	41036	41036	41036	41036	36373	13889	5503

TOTAL CATCH(MT)		44	44	44	44	44	44	44	44	39	53	21
TASKI MT OR # FISH		44	44	44	44	44	44	44	44	39	53	21
# FISH(ORIG.REC)	407.0	3774.	1229.	.2194E+05	.2194E+05	.2194E+05	.2194E+05	.2194E+05	.2194E+05	285.0	285.0	
MT(ORIGINAL REC)	1.291	3.879	2.581	23.52	23.52	23.52	23.52	23.52	23.52	1.088	1.088	
RAISING FACTOR	34.09	11.34	17.05	1.870	1.870	1.870	1.870	1.870	1.660	48.73	19.31	
MEAN LENGTH (CM)	40.40	36.55	40.43	36.74	36.74	36.74	36.74	36.74	36.74	39.34	39.34	
MEAN WEIGHT (KG)	3.170	1.030	2.100	1.070	1.070	1.070	1.070	1.070	1.070	3.820	3.820	

AREA MEDI
COUNTRY IT.TY
GEAR PSFB

YEAR	72	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2	2
90.0- 90.9	0	0	0	0	0	0	0	0	0	3
91.0- 91.9	0	0	0	0	0	0	0	0	0	3
92.0- 92.9	0	0	0	0	0	0	0	0	0	3
93.0- 93.9	0	0	0	0	0	0	0	0	9	17
94.0- 94.9	0	0	0	0	0	0	0	0	9	17
95.0- 95.9	0	0	0	0	0	0	0	0	0	43
96.0- 96.9	0	0	0	0	0	0	0	0	0	43
97.0- 97.9	0	0	0	0	0	0	0	0	9	26
98.0- 98.9	0	0	0	0	0	0	0	0	9	26
99.0- 99.9	0	0	0	0	0	0	0	0	0	54
100.0-100.9	0	0	0	0	0	0	0	0	0	54
101.0-101.9	0	0	0	0	0	0	0	0	0	74
102.0-102.9	0	0	0	0	0	0	0	0	0	74
103.0-103.9	0	0	0	0	0	0	0	0	0	63
104.0-104.9	0	0	0	0	0	0	0	0	0	63
105.0-105.9	0	0	0	0	0	0	0	0	0	85
106.0-106.9	0	0	0	0	0	0	0	0	0	85
107.0-107.9	0	0	0	0	0	0	0	0	0	74
108.0-108.9	0	0	0	0	0	0	0	0	0	74
109.0-109.9	0	0	0	0	0	0	0	0	0	51
110.0-110.9	0	0	0	0	0	0	0	0	0	51
111.0-111.9	0	0	0	0	0	0	0	0	0	68
112.0-112.9	0	0	0	0	0	0	0	0	0	68
113.0-113.9	0	0	0	0	0	0	0	0	0	45
114.0-114.9	0	0	0	0	0	0	0	0	0	45
115.0-115.9	1	1	2	0	0	0	0	0	18	31
116.0-116.9	2	2	6	19	5	0	0	0	18	31
117.0-117.9	2	2	6	19	5	0	0	0	18	54
118.0-118.9	3	4	11	38	10	0	0	0	18	54
119.0-119.9	3	4	11	38	10	0	0	0	45	74
120.0-120.9	2	2	6	19	5	0	0	0	45	74
121.0-121.9	2	2	6	19	5	0	0	0	0	68
122.0-122.9	3	4	11	38	20	14	0	0	0	68
123.0-123.9	3	4	11	38	20	14	0	0	0	51
124.0-124.9	6	8	19	75	25	7	0	0	0	51
125.0-125.9	7	8	21	75	25	7	0	0	45	102
126.0-126.9	5	7	17	56	29	20	0	0	45	102
127.0-127.9	5	7	17	56	29	20	0	0	9	68
128.0-128.9	4	5	12	38	15	7	0	0	9	68
129.0-129.9	4	5	12	38	15	7	0	0	0	51
130.0-130.9	6	7	18	75	25	7	0	0	0	51
131.0-131.9	6	7	18	75	25	7	0	0	27	34
132.0-132.9	11	14	35	150	39	0	0	0	27	34
133.0-133.9	11	14	35	150	39	0	0	0	0	57
134.0-134.9	6	7	18	75	39	27	0	0	0	57
135.0-135.9	6	8	19	75	39	27	0	0	9	40
136.0-136.9	13	16	41	169	44	0	0	0	9	40
137.0-137.9	13	16	41	169	44	0	0	0	63	45
138.0-138.9	8	9	24	94	34	14	0	0	63	45
139.0-139.9	8	9	24	94	34	14	0	0	27	31
140.0-140.9	15	18	45	150	83	61	0	0	27	31
141.0-141.9	15	18	45	150	83	61	0	0	9	48
142.0-142.9	12	14	37	113	64	47	0	0	9	48
143.0-143.9	12	14	37	113	64	47	0	0	18	26
144.0-144.9	16	20	50	169	83	54	0	0	18	26
145.0-145.9	19	22	57	169	83	54	0	0	18	28
146.0-146.9	14	17	44	113	88	81	0	0	18	28
147.0-147.9	14	17	44	113	88	81	0	0	18	17
148.0-148.9	20	24	61	188	93	61	0	0	18	17
149.0-149.9	20	24	61	188	93	61	0	0	36	20
150.0-150.9	11	13	33	113	93	88	0	0	36	20
151.0-151.9	11	13	33	113	93	88	0	0	71	34
152.0-152.9	11	13	33	113	132	142	0	0	71	34
153.0-153.9	11	13	33	113	132	142	0	0	36	28
154.0-154.9	14	17	42	150	157	162	19	0	36	28
155.0-155.9	18	22	56	150	157	162	19	0	27	51
156.0-156.9	15	19	47	113	172	196	37	0	27	51
157.0-157.9	15	19	47	113	172	196	37	0	18	40
158.0-158.9	20	24	60	169	167	169	31	0	18	40
159.0-159.9	20	24	60	169	167	169	31	0	27	28
160.0-160.9	24	29	73	131	123	122	31	0	27	28
161.0-161.9	24	29	73	131	123	122	31	0	9	43
162.0-162.9	28	34	86	188	152	142	62	0	9	43
163.0-163.9	28	34	86	188	152	142	62	0	9	31
164.0-164.9	24	29	73	131	181	203	12	0	9	31
165.0-165.9	40	48	122	131	181	203	12	0	9	45
166.0-166.9	37	44	113	94	132	149	6	0	9	45
167.0-167.9	37	44	113	94	132	149	6	0	27	51
168.0-168.9	41	49	126	150	167	176	25	0	27	51
169.0-169.9	41	49	126	150	167	176	25	0	18	97
170.0-170.9	26	32	80	75	108	122	44	0	18	97
171.0-171.9	26	32	80	75	108	122	44	0	45	74
172.0-172.9	29	35	89	113	98	95	31	0	45	74
173.0-173.9	29	35	89	113	98	95	31	0	27	54
174.0-174.9	26	32	80	75	118	135	68	0	27	54
175.0-175.9	18	22	56	75	118	135	68	0	71	45
176.0-176.9	17	20	52	56	64	68	25	0	71	45
177.0-177.9	17	20	52	56	64	68	25	0	54	77
178.0-178.9	18	22	56	75	49	41	56	0	54	77
179.0-179.9	18	22	56	75	49	41	56	0	36	57
180.0-180.9	35	43	108	263	78	14	6	0	36	57
181.0-181.9	35	43	108	263	78	14	6	0	54	97
182.0-182.9	25	31	78	131	59	34	50	0	54	97
183.0-183.9	25	31	78	131	59	34	50	0	27	77
184.0-184.9	30	36	91	188	64	20	25	0	27	77
185.0-185.9	35	42	107	188	64	20	25	0	36	74
186.0-186.9	28	33	85	94	49	34	62	0	36	74
187.0-187.9	28	33	85	94	49	34	62	0	63	85
188.0-188.9	36	44	111	206	64	14	12	0	63	85
189.0-189.9	36	44	111	206	64	14	12	0	36	102
190.0-190.9	37	45	114	150	44	7	44	0		

191.0-191.9	37	45	114	150	44	7	44	0	36	102
192.0-192.9	37	45	114	150	54	20	62	0	80	40
193.0-193.9	37	45	114	150	54	20	62	0	80	40
194.0-194.9	37	45	114	150	44	7	31	0	36	60
195.0-195.9	18	21	54	150	44	7	31	0	36	60
196.0-196.9	13	16	41	94	44	27	56	0	71	74
197.0-197.9	13	16	41	94	44	27	56	0	71	74
198.0-198.9	11	13	32	56	15	0	19	0	27	91
199.0-199.9	11	13	32	56	15	0	19	0	27	91
200.0-200.9	26	31	79	113	44	20	50	81	45	77
201.0-201.9	26	31	79	113	44	20	50	81	45	77
202.0-202.9	23	27	70	75	44	34	50	27	80	68
203.0-203.9	23	27	70	75	44	34	50	27	80	68
204.0-204.9	21	26	66	56	20	7	56	108	143	94
205.0-205.9	10	12	31	56	20	7	56	108	143	94
206.0-206.9	11	14	35	75	34	20	87	108	232	85
207.0-207.9	11	14	35	75	34	20	87	108	232	85
208.0-208.9	17	21	52	150	49	14	68	189	179	74
209.0-209.9	17	21	52	150	49	14	68	189	179	74
210.0-210.9	22	26	67	94	69	61	50	27	80	71
211.0-211.9	22	26	67	94	69	61	50	27	80	71
212.0-212.9	22	26	67	94	88	88	62	108	143	119
213.0-213.9	22	26	67	94	88	88	62	108	143	119
214.0-214.9	18	21	54	38	98	122	68	81	116	151
215.0-215.9	17	21	52	38	98	122	68	81	116	151
216.0-216.9	24	29	74	131	88	74	31	54	241	102
217.0-217.9	24	29	74	131	88	74	31	54	241	102
218.0-218.9	21	26	66	94	88	88	44	217	179	148
219.0-219.9	21	26	66	94	88	88	44	217	179	148
220.0-220.9	32	38	97	131	108	101	87	54	107	108
221.0-221.9	32	38	97	131	108	101	87	54	107	108
222.0-222.9	46	55	141	319	142	81	112	0	125	91
223.0-223.9	46	55	141	319	142	81	112	0	125	91
224.0-224.9	37	45	115	206	142	122	87	81	179	114
225.0-225.9	25	30	76	206	142	122	87	81	179	114
226.0-226.9	29	35	89	263	191	169	50	135	250	102
227.0-227.9	29	35	89	263	191	169	50	135	250	102
228.0-228.9	32	38	98	300	162	115	44	54	179	108
229.0-229.9	32	38	98	300	162	115	44	54	179	108
230.0-230.9	35	42	107	225	206	203	62	108	134	71
231.0-231.9	35	42	107	225	206	203	62	108	134	71
232.0-232.9	43	52	133	337	216	176	37	81	161	91
233.0-233.9	43	52	133	337	216	176	37	81	161	91
234.0-234.9	42	50	128	319	225	196	87	189	196	63
235.0-235.9	65	79	200	319	225	196	87	189	196	63
236.0-236.9	68	82	209	356	201	149	100	298	268	68
237.0-237.9	68	82	209	356	201	149	100	298	268	68
238.0-238.9	67	80	205	337	225	189	137	271	250	51
239.0-239.9	67	80	205	337	225	189	137	271	250	51
240.0-240.9	65	78	198	225	235	243	87	189	214	77
241.0-241.9	65	78	198	225	235	243	87	189	214	77
242.0-242.9	66	79	202	244	250	257	75	189	259	37
243.0-243.9	66	79	202	244	250	257	75	189	259	37
244.0-244.9	63	76	193	206	260	284	131	135	205	48
245.0-245.9	84	101	258	206	260	284	131	135	205	48
246.0-246.9	89	106	271	263	304	324	156	244	223	63
247.0-247.9	89	106	271	263	304	324	156	244	223	63
248.0-248.9	87	105	267	244	172	149	112	135	134	37
249.0-249.9	87	105	267	244	172	149	112	135	134	37
250.0-250.9	65	78	198	206	265	291	168	108	143	31
251.0-251.9	65	78	198	206	265	291	168	108	143	31
252.0-252.9	66	80	203	225	230	236	193	162	107	74
253.0-253.9	66	80	203	225	230	236	193	162	107	74
254.0-254.9	59	71	181	131	240	284	143	108	125	40
255.0-255.9	56	67	170	131	240	284	143	108	125	40
256.0-256.9	53	64	162	94	172	203	75	108	232	11
257.0-257.9	53	64	162	94	172	203	75	108	232	11
258.0-258.9	57	69	175	150	206	230	50	162	268	23
259.0-259.9	57	69	175	150	206	230	50	162	268	23
260.0-260.9	25	30	77	75	152	182	62	244	107	17
261.0-261.9	25	30	77	75	152	182	62	244	107	17
262.0-262.9	25	30	77	75	108	122	50	135	134	34
263.0-263.9	25	30	77	75	108	122	50	135	134	34
264.0-264.9	24	29	73	56	113	135	81	108	71	20
265.0-265.9	23	28	71	56	113	135	81	108	71	20
266.0-266.9	22	26	66	38	83	101	19	189	36	23
267.0-267.9	22	26	66	38	83	101	19	189	36	23
268.0-268.9	22	26	66	38	152	196	50	81	80	14
269.0-269.9	22	26	66	38	152	196	50	81	80	14
270.0-270.9	11	13	33	0	78	108	75	27	18	9
271.0-271.9	11	13	33	0	78	108	75	27	18	9
272.0-272.9	11	13	33	0	113	155	112	54	0	17
273.0-273.9	11	13	33	0	113	155	112	54	0	17
274.0-274.9	11	13	33	0	64	88	75	108	9	11
275.0-275.9	4	5	12	0	64	88	75	108	9	11
276.0-276.9	4	5	12	0	39	54	25	27	9	9
277.0-277.9	4	5	12	0	39	54	25	27	9	9
278.0-278.9	4	5	12	0	20	27	37	54	18	6
279.0-279.9	4	5	12	0	20	27	37	54	18	6
280.0-280.9	0	0	0	0	15	20	37	0	0	3
281.0-281.9	0	0	0	0	15	20	37	0	0	3
282.0-282.9	0	0	0	0	25	34	12	0	0	9
283.0-283.9	0	0	0	0	25	34	12	0	0	9
284.0-284.9	0	0	0	0	0	0	0	0	0	6
285.0-285.9	0	0	0	0	0	0	0	0	0	6
286.0-286.9	0	0	0	0	10	14	0	0	0	3
287.0-287.9	0	0	0	0	10	14	0	0	0	3
288.0-288.9	0	0	0	0	20	27	0	0	0	6
289.0-289.9	0	0	0	0	20	27	0	0	0	6
292.0-292.9	0	0	0	0	10	14	0	0	0	0
293.0-293.9	0	0	0	0	10	14	0	0	0	0
294.0-294.9	0	0	0	0	15	20	0	0	0	0
295.0-295.9	0	0	0	0	15	20	0	0	0	0
296.0-296.9	1	2	4	19	25	27	0	0	0	0
297.0-297.9	1	2	4	19	25	27	0	0	0	0
298.0-298.9	0	0	0	0	5	7	0	0	0	0
299.0-299.9	0	0	0	0	5	7	0	0	0	0
302.0-302.9	0	0	0	0	15	20	0	0	0	0
303.0-303.9	0	0	0	0	15	20	0	0	0	0
308.0-308.9	0	0	0	0	10	14	0	0	0	0
309.0-309.9	0	0	0	0	10	14	0	0	0	0
TOTAL # FISH	4501	5406	13770	21596	17929	16942	8010	9688	13927	10410

TOTAL CATCH(MT)	1020	1225	3120	4170	4120	4179	2100	2855	3361	1712
TASK1 MT OR # FISH	1020	1225	3120	4170	4120	4179	2100	2855	3361	1712
# FISH(ORIG.REC)	1576.	1576.	1576.	576.0	1830.	1254.	644.0	179.0	780.0	1903.
MT(ORIGINAL REC)	357.1	357.1	357.1	111.2	420.5	309.3	168.8	52.75	188.2	301.4
RAISING FACTOR	2.860	3.430	8.740	37.49	9.800	13.51	12.44	54.13	17.86	5.680
MEAN LENGTH (CM)	215.9	215.9	215.9	203.2	215.4	221.0	229.0	241.0	222.4	186.3
MEAN WEIGHT (KG)	226.6	226.6	226.6	193.1	229.8	246.7	262.2	294.7	241.3	158.4

AREA MEDI
COUNTRY IT. 41
GEAR PSFS

YEAR	72	73	74	75	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3	3	3	3	3
32.0- 33.9	0	0	0	0	0	0	0	14	22	0
34.0- 35.9	0	0	0	0	0	2441	0	0	0	0
36.0- 37.9	0	0	0	0	0	66	0	0	0	0
38.0- 39.9	0	0	0	166	0	0	0	0	0	0
42.0- 43.9	0	0	0	0	0	0	0	5	8	0
44.0- 45.9	0	0	1051	0	0	0	0	0	0	0
50.0- 51.9	0	0	0	0	10	0	0	0	0	0
52.0- 53.9	0	0	0	12489	0	0	0	0	1189	3344
54.0- 55.9	0	0	13845	8152	862	236	0	0	171	481
56.0- 57.9	1278	0	175	1716	46	216	0	0	0	0
58.0- 59.9	0	0	10139	1458	0	900	0	12	98	225
60.0- 61.9	0	0	0	554	0	435	0	0	2025	5697
62.0- 63.9	0	495	0	503	13	134	0	0	46	128
64.0- 65.9	0	60	1485	1710	1201	433	0	0	789	2220
66.0- 67.9	0	1763	0	1733	170	0	60	0	326	916
68.0- 69.9	0	0	0	7769	1458	0	0	14	305	808
70.0- 71.9	0	0	0	1125	6643	13	8823	0	38	107
72.0- 73.9	697	0	0	2770	222	153	15537	154	474	662
74.0- 75.9	51	0	0	1444	0	1724	34241	320	3039	7160
76.0- 77.9	2357	0	982	266	0	8	7	381	21490	58808
78.0- 79.9	0	0	1545	2521	2029	1	1158	157	468	635
80.0- 81.9	1976	0	0	14589	407	1609	0	2	152	417
82.0- 83.9	13312	911	1088	14208	0	809	0	138	2506	6452
84.0- 85.9	27356	1367	913	5597	222	1702	1532	132	651	1759
86.0- 87.9	0	20	32188	15625	1892	1621	976	380	3539	8305
88.0- 89.9	0	0	952	20950	7285	2513	18	0	8782	24711
90.0- 91.9	2175	32	0	6399	27527	25802	7555	104	8864	24486
92.0- 93.9	0	1474	0	1533	27834	1439	2302	105	7850	21630
94.0- 95.9	1543	20321	0	649	16224	955	18694	441	3296	7356
96.0- 97.9	0	95	0	870	31403	156	8148	3245	5691	1898
98.0- 99.9	17977	79	228	0	22715	0	189	4169	9003	7199
100.0-101.9	2673	860	2938	279	7712	13	4792	849	1921	1712
102.0-103.9	2390	28	1370	744	13767	12	2805	258	853	1279
104.0-105.9	0	3479	0	2413	12850	11	7089	560	1424	1569
106.0-107.9	0	475	1713	1685	6166	351	5683	490	1599	2370
108.0-109.9	0	0	692	1876	3556	409	6237	59	158	188
110.0-111.9	6623	2611	228	1006	177	235	5534	317	509	54
112.0-113.9	4216	0	0	489	33	601	2455	756	1291	344
114.0-115.9	498	404	6835	92	1197	3139	234	579	897	5
116.0-117.9	0	277	6621	1481	760	4121	0	1089	1721	109
118.0-119.9	0	143	479	41	3595	4244	0	1711	2644	0
120.0-121.9	0	0	1104	299	2006	347	0	26	40	0
122.0-123.9	0	0	9751	0	2108	546	0	1060	1638	0
124.0-125.9	0	0	0	1943	1389	387	0	83	228	279
126.0-127.9	0	0	4353	1604	3148	708	831	155	250	28
128.0-129.9	2523	0	1682	0	1488	271	0	5	31	66
130.0-131.9	0	103	275	965	150	0	0	33	135	239
132.0-133.9	0	0	0	44	2310	13	0	121	188	0
134.0-135.9	0	143	0	360	1273	0	0	3	66	175
136.0-137.9	0	0	319	374	3269	40	18	4	6	1
138.0-139.9	0	0	0	0	927	15	0	1	1317	3699
140.0-141.9	0	194	137	0	0	28	543	28	83	112
142.0-143.9	0	0	0	0	228	55	60	0	63	176
144.0-145.9	0	24	0	0	588	0	0	7	20	24
146.0-147.9	0	0	724	0	548	129	0	0	22	62
148.0-149.9	0	0	0	0	33	19	0	0	606	1705
150.0-151.9	0	0	54	0	0	220	0	0	0	0
152.0-153.9	0	119	0	0	0	49	0	1	1	0
154.0-155.9	0	0	0	0	0	61	0	0	0	0
156.0-157.9	0	0	0	0	0	54	0	0	0	0
158.0-159.9	0	0	0	0	0	148	0	0	0	0
160.0-161.9	0	0	0	0	0	26	0	0	0	0
162.0-163.9	0	0	0	235	588	3	35	0	228	642
164.0-165.9	0	0	0	0	0	61	3	1	2	0
166.0-167.9	0	0	0	0	0	0	7	0	0	0
168.0-169.9	0	0	0	0	0	0	700	0	0	0
170.0-171.9	0	0	0	0	0	0	7	0	11	31
172.0-173.9	0	0	0	119	0	0	15	0	0	0
174.0-175.9	0	903	0	0	0	0	25	0	35	98
176.0-177.9	0	32	251	0	0	48	0	8	13	0
178.0-179.9	0	43	122	0	0	0	7	0	0	0
180.0-181.9	0	8	0	0	4	3	32	0	9	27
182.0-183.9	0	305	525	0	0	0	10	19	30	0
184.0-185.9	0	83	0	0	0	0	3	19	38	24
186.0-187.9	0	848	0	21	4	0	103	7	10	0
188.0-189.9	0	218	122	0	40	21	88	23	37	1
190.0-191.9	0	681	555	0	0	0	7	0	7	21
192.0-193.9	0	527	898	4	23	0	0	0	25	70
194.0-195.9	0	356	69	516	59	23	0	6	12	5
196.0-197.9	963	456	0	0	17	0	3	23	45	27
198.0-199.9	0	68	1628	0	750	1	3	0	4	11
200.0-201.9	0	28	1416	568	424	3	10	1	6	16
202.0-203.9	0	55	381	48	52	44	7	0	0	0
204.0-205.9	0	0	0	112	248	3	10	11	18	4
206.0-207.9	0	0	0	95	6	3	103	8	34	62
208.0-209.9	0	0	0	204	85	124	270	0	11	31
210.0-211.9	0	4	0	41	4	1	412	1	5	11
212.0-213.9	0	0	0	0	4	10	32	0	0	0
214.0-215.9	0	0	0	0	0	2	93	0	1	4
216.0-217.9	0	0	0	0	4	0	21	1	2	4
218.0-219.9	0	79	0	21	4	0	25	0	3	7
220.0-221.9	0	0	0	0	0	0	32	0	26	72
222.0-223.9	0	0	0	0	0	0	25	0	2	5
224.0-225.9	0	0	0	0	0	0	7	0	3	7
226.0-227.9	0	0	0	4	4	0	8	0	0	1
228.0-229.9	0	0	0	0	0	0	7	0	0	0
230.0-231.9	0	0	0	4	0	0	15	0	0	1
232.0-233.9	0	0	0	0	0	0	3	0	0	1
234.0-235.9	0	0	0	0	0	0	3	0	0	0
236.0-237.9	0	0	0	0	0	0	3	11	16	0
238.0-239.9	0	0	0	0	4	0	7	0	0	0
240.0-241.9	0	0	0	0	0	0	0	0	0	1
246.0-247.9	0	0	0	0	0	0	0	0	1	4
252.0-253.9	0	43	0	0	0	0	0	0	0	0
254.0-255.9	0	0	0	0	0	0	3	0	0	0
266.0-267.9	0	0	0	0	0	0	0	2	3	0
268.0-269.9	0	60	0	0	0	0	0	0	0	0
TOTAL # FISH	88605	40269	109832	142479	219757	59966	137658	18103	99166	200285

TOTAL CATCH(MT)	1668	1358	2880	2100	4890	1205	2438	450	1759	2992
TASKI MT OR # FISH	1668	1358	2880	2100	4890	1205	2438	450	1759	2992
# FISH(ORIG.REC)	.6143E+05	.4464E+05	.7360E+05	.1159E+06	.1828E+06	.1662E+06	.9348E+05	.6523E+05	.2311E+06	.1659E+06
MT(ORIGINAL REC)	1157.	1505.	1930.	1708.	4069.	3341.	1656.	1621.	4100.	2478.
RAISING FACTOR	1.440	.9000	1.490	1.230	1.200	.3600	1.470	.2800	.4300	1.210
MEAN LENGTH (CM)	93.94	107.2	96.57	83.33	99.86	94.61	90.50	104.4	91.73	86.76
MEAN WEIGHT (KG)	18.83	33.72	26.22	14.74	22.25	20.09	17.71	24.86	17.74	14.94

AREA MEDI
COUNTRY JAPAN
GEAR LL

YEAR	72	72	72	73	73	74	74	75	75	76	76
QUARTER	2	3	4	2	3	2	3	2	3	2	3
62.0- 63.9	0	0	0	0	0	0	0	0	0	0	27
110.0-111.9	0	0	0	0	0	0	0	0	0	14	0
122.0-123.9	0	0	0	0	0	0	0	0	0	14	0
124.0-125.9	1	1	0	5	0	48	8	8	23	14	0
126.0-127.9	0	0	0	0	0	0	0	0	0	14	0
128.0-129.9	1	1	0	5	0	48	8	8	23	14	0
130.0-131.9	0	0	0	0	0	0	0	0	0	27	0
136.0-137.9	0	0	0	0	0	0	0	0	0	27	0
138.0-139.9	0	0	0	0	0	0	0	0	0	41	0
140.0-141.9	0	0	0	0	0	0	0	0	0	55	0
142.0-143.9	0	0	0	0	0	0	0	0	0	27	0
144.0-145.9	0	0	0	0	0	0	0	0	0	55	0
146.0-147.9	0	0	0	0	0	0	0	0	0	27	0
148.0-149.9	0	0	0	0	0	0	0	0	0	14	0
150.0-151.9	0	0	0	0	0	0	0	0	0	27	0
154.0-155.9	0	0	0	0	0	0	0	0	0	14	0
156.0-157.9	0	0	0	0	0	0	0	0	0	27	0
158.0-159.9	2	3	0	10	0	96	17	15	46	41	0
162.0-163.9	0	0	0	0	0	0	0	0	0	41	0
164.0-165.9	1	1	0	5	0	48	8	8	23	55	0
166.0-167.9	0	0	0	0	0	0	0	0	0	27	0
168.0-169.9	0	0	0	0	0	0	0	0	0	14	0
170.0-171.9	0	0	0	0	0	0	0	0	0	14	0
174.0-175.9	1	1	0	5	0	48	8	8	23	41	0
178.0-179.9	7	9	0	31	0	287	51	45	137	27	0
180.0-181.9	1	1	0	5	0	48	8	8	23	0	29
184.0-185.9	7	9	0	31	0	287	51	45	137	55	86
186.0-187.9	2	3	0	10	0	96	17	15	46	0	0
188.0-189.9	5	6	0	20	0	191	34	30	91	27	0
192.0-193.9	0	0	0	0	0	0	0	0	0	27	0
194.0-195.9	4	4	0	15	0	143	25	23	68	0	58
196.0-197.9	1	1	0	5	0	48	8	8	23	0	0
198.0-199.9	9	12	0	41	0	382	68	60	182	27	0
200.0-201.9	5	6	0	20	0	191	34	30	91	27	29
202.0-203.9	2	3	0	10	0	96	17	15	46	27	0
204.0-205.9	15	19	0	66	1	621	110	98	296	27	58
206.0-207.9	13	16	0	56	1	526	93	83	251	27	58
208.0-209.9	15	19	0	66	1	621	110	98	296	82	58
210.0-211.9	4	4	0	15	0	143	25	23	68	41	0
212.0-213.9	1	1	0	5	0	48	8	8	23	55	0
214.0-215.9	5	6	0	20	0	191	34	30	91	82	202
216.0-217.9	4	4	0	15	0	143	25	23	68	41	115
218.0-219.9	11	13	0	46	1	430	76	68	205	124	86
220.0-221.9	7	9	0	31	0	287	51	45	137	27	29
222.0-223.9	9	12	0	41	0	382	68	60	182	82	58
224.0-225.9	9	12	0	41	0	382	68	60	182	137	58
226.0-227.9	4	4	0	15	0	143	25	23	68	55	0
228.0-229.9	11	13	0	46	1	430	76	68	205	69	58
230.0-231.9	12	15	0	51	1	478	85	75	228	69	0
232.0-233.9	15	19	0	66	1	621	110	98	296	41	0
234.0-235.9	14	18	0	61	1	573	101	90	274	124	86
236.0-237.9	7	9	0	31	0	287	51	45	137	82	58
238.0-239.9	9	12	0	41	0	382	68	60	182	82	58
240.0-241.9	11	13	0	46	1	430	76	68	205	27	0
242.0-243.9	8	10	0	36	0	335	59	53	160	27	0
244.0-245.9	14	18	0	61	1	573	101	90	274	192	0
246.0-247.9	1	1	0	5	0	48	8	8	23	27	0
248.0-249.9	4	4	0	15	0	143	25	23	68	41	29
250.0-251.9	4	4	0	15	0	143	25	23	68	27	0
252.0-253.9	1	1	0	5	0	48	8	8	23	0	0
254.0-255.9	2	3	0	10	0	96	17	15	46	69	29
256.0-257.9	0	0	0	0	0	0	0	0	0	41	0
258.0-259.9	1	1	0	5	0	48	8	8	23	69	0
260.0-261.9	2	3	0	10	0	96	17	15	46	41	0
262.0-263.9	1	1	0	5	0	48	8	8	23	27	0
264.0-265.9	2	3	0	10	0	96	17	15	46	178	0
266.0-267.9	0	0	0	0	0	0	0	0	0	55	0
268.0-269.9	0	0	0	0	0	0	0	0	0	27	0
270.0-271.9	1	1	0	5	0	48	8	8	23	0	0
272.0-273.9	0	0	0	0	0	0	0	0	0	14	0
278.0-279.9	0	0	0	0	0	0	0	0	0	14	0
TOTAL # FISH	269	337	4	1160	13	10895	1928	1713	5198	2993	1267

TOTAL CATCH(MT)	61	77	0	264	3	2484	439	390	1185	674	265
TASK1 MT OR # FISH	269	337	4	1160	13	10895	1928	1713	5198	2993	1267
# FISH(ORIG.REC)	269.0	337.9	4.070	1161.	13.96	.1090E+05	1928.	1713.	5199.	2993.	1267.
MT(ORIGINAL REC)	61.36	77.08	.9275	264.8	3.182	2485.	439.7	390.7	1186.	674.9	266.0
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	220.6	220.6	220.4	220.6	220.5	220.6	220.6	220.6	220.6	215.1	214.1
MEAN WEIGHT (KG)	228.1	228.1	227.9	228.1	228.0	228.1	228.1	228.1	228.1	225.5	209.9

AREA MEDI
COUNTRY JAPAN
GEAR LL

YEAR	77	77	78	78	79	79	80	80	81	81
QUARTER	2	3	2	3	2	3	2	3	2	3
104.0-105.9	0	0	0	0	0	0	2	0	0	0
112.0-113.9	0	0	0	0	0	0	2	0	0	0
118.0-119.9	0	0	0	0	17	18	0	0	0	0
124.0-125.9	0	0	0	0	0	0	2	0	0	0
128.0-129.9	0	0	0	0	0	0	2	0	0	0
132.0-133.9	0	4	0	0	0	0	2	0	0	0
136.0-137.9	0	0	0	0	0	0	2	0	0	0
142.0-143.9	0	0	0	0	0	0	0	0	1	1
146.0-147.9	36	0	0	0	0	0	0	0	0	0
150.0-151.9	0	0	0	0	0	0	0	0	0	1
152.0-153.9	0	0	0	0	0	0	2	0	0	1
154.0-155.9	0	0	0	0	0	0	4	0	0	1
156.0-157.9	0	0	0	0	0	0	0	0	1	2
158.0-159.9	0	4	0	0	17	18	6	0	1	3
160.0-161.9	0	4	0	0	0	0	0	0	0	0
162.0-163.9	0	0	0	0	0	0	0	0	1	1
164.0-165.9	0	13	0	0	0	0	6	0	0	0
166.0-167.9	0	17	0	0	0	0	0	0	0	0
168.0-169.9	0	26	0	0	34	36	2	0	2	6
170.0-171.9	0	4	0	0	0	0	0	0	1	2
172.0-173.9	36	9	0	0	0	0	0	1	0	1
174.0-175.9	0	17	0	0	0	0	4	1	2	4
176.0-177.9	143	30	0	0	34	36	6	1	2	6
178.0-179.9	0	43	0	0	50	54	14	0	5	14
180.0-181.9	72	9	0	0	0	0	4	1	0	0
182.0-183.9	36	13	0	0	0	0	0	0	5	12
184.0-185.9	36	13	0	0	17	18	54	0	4	11
186.0-187.9	36	17	0	0	0	0	8	0	1	3
188.0-189.9	0	30	7	64	0	0	62	0	5	12
190.0-191.9	36	17	0	0	0	0	12	0	3	9
192.0-193.9	72	26	0	0	0	0	10	0	2	5
194.0-195.9	36	21	0	0	17	18	43	0	3	8
196.0-197.9	143	9	0	0	0	0	12	0	2	4
198.0-199.9	0	9	0	0	17	18	93	0	3	8
200.0-201.9	36	9	0	0	0	0	0	0	2	4
202.0-203.9	36	43	0	0	0	0	2	0	1	3
204.0-205.9	107	13	0	0	0	0	2	0	4	10
206.0-207.9	36	73	0	0	0	0	2	0	3	7
208.0-209.9	36	30	0	0	0	0	60	0	6	16
210.0-211.9	36	4	0	0	0	0	4	0	5	13
212.0-213.9	72	21	0	0	0	0	10	0	2	5
214.0-215.9	36	34	0	0	0	0	14	0	2	6
216.0-217.9	107	13	0	0	0	0	6	0	5	14
218.0-219.9	0	9	0	0	0	0	37	0	8	21
220.0-221.9	36	4	0	0	0	0	6	0	4	11
222.0-223.9	72	4	0	0	0	0	2	0	5	14
224.0-225.9	36	4	0	0	0	0	12	0	8	21
226.0-227.9	0	4	0	0	0	0	21	0	5	13
228.0-229.9	0	0	7	64	0	0	21	0	5	13
230.0-231.9	36	4	0	0	0	0	8	0	2	5
232.0-233.9	0	4	0	0	0	0	2	0	3	7
234.0-235.9	72	4	7	64	0	0	10	0	3	7
236.0-237.9	0	4	0	0	0	0	4	0	2	6
238.0-239.9	0	38	0	0	0	0	21	0	2	4
240.0-241.9	0	13	0	0	0	0	4	0	2	4
242.0-243.9	36	30	0	0	0	0	4	0	3	7
244.0-245.9	36	90	0	0	0	0	6	0	2	5
246.0-247.9	36	73	0	0	0	0	2	0	2	5
248.0-249.9	0	115	7	64	0	0	4	0	2	5
250.0-251.9	0	21	0	0	0	0	0	0	1	2
252.0-253.9	0	64	0	0	0	0	0	0	0	1
254.0-255.9	0	55	0	0	0	0	0	0	0	0
256.0-257.9	0	9	0	0	0	0	4	0	2	5
258.0-259.9	0	30	0	0	0	0	0	0	2	5
260.0-261.9	0	34	0	0	0	0	0	0	0	1
262.0-263.9	0	17	0	0	0	0	2	0	1	3
264.0-265.9	0	0	0	0	0	0	0	0	1	1
266.0-267.9	0	0	0	0	0	0	0	0	0	1
268.0-269.9	0	9	7	64	0	0	4	0	0	0
270.0-271.9	0	4	0	0	0	0	2	0	0	0
272.0-273.9	0	0	0	0	0	0	0	0	0	1
274.0-275.9	0	0	0	0	0	0	2	0	0	0
276.0-277.9	0	0	0	0	0	0	0	0	1	1
336.0-337.9	0	0	0	0	0	0	0	0	0	1
TOTAL # FISH	1538	1216	37	321	201	213	639	4	140	363

TOTAL CATCH(MT)	277	290	10	88	22	23	116	0	28	75
TASKI MT OR # FISH	1538	1216	37	321	201	213	639	4	140	363
# FISH(ORIG.REC)	1538.	1216.	37.00	321.0	201.0	214.0	639.1	4.000	140.0	363.0
MT(ORIGINAL REC)	277.8	290.8	10.17	88.23	22.49	23.94	116.0	.4526	28.90	75.14
RAISING FACTOR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MEAN LENGTH (CM)	204.0	222.2	234.2	234.2	173.8	173.8	203.8	176.5	212.7	212.7
MEAN WEIGHT (KG)	180.6	239.1	274.9	274.9	111.9	111.9	181.6	113.2	206.4	207.0

AREA MEDI
COUNTRY LIBYA
GEAR UNCL

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	2	2	2
35.0- 35.9	0	0	0	0	3	0	0	0	0	0	0
36.0- 36.9	0	0	0	0	3	0	0	0	0	0	0
37.0- 37.9	0	0	0	0	3	0	0	0	0	0	0
38.0- 38.9	0	0	0	0	3	0	0	0	0	0	0
39.0- 39.9	0	0	0	0	3	0	0	0	0	0	0
40.0- 40.9	0	0	0	0	3	0	0	0	0	0	0
41.0- 41.9	0	0	0	0	3	0	0	0	0	0	0
42.0- 42.9	0	0	0	0	3	0	0	0	0	0	0
43.0- 43.9	0	0	0	0	3	0	0	0	0	0	0
44.0- 44.9	0	0	0	0	3	0	0	0	0	0	0
45.0- 45.9	0	0	0	0	3	0	0	0	0	0	0
46.0- 46.9	0	0	0	0	3	0	0	0	0	0	0
47.0- 47.9	0	0	0	0	3	0	0	0	0	0	0
48.0- 48.9	0	0	0	0	3	0	0	0	0	0	0
49.0- 49.9	0	0	0	0	3	0	0	0	0	0	0
50.0- 50.9	0	0	0	0	3	0	0	0	0	0	0
51.0- 51.9	0	0	0	0	3	0	0	0	0	0	0
52.0- 52.9	0	0	0	0	3	0	0	0	0	0	0
53.0- 53.9	0	0	0	0	3	0	0	0	0	0	0
54.0- 54.9	0	0	0	0	3	0	0	0	0	0	0
55.0- 55.9	0	0	0	0	3	0	0	0	0	0	0
56.0- 56.9	0	0	0	0	3	0	0	0	0	0	0
57.0- 57.9	0	0	0	0	3	0	0	0	0	0	0
58.0- 58.9	0	0	0	0	3	0	0	0	0	0	0
59.0- 59.9	0	0	0	0	3	0	0	0	0	0	0
60.0- 60.9	0	0	0	0	13	0	0	0	0	0	0
61.0- 61.9	0	0	0	0	13	0	0	0	0	0	0
62.0- 62.9	0	0	0	0	13	0	0	0	0	0	0
63.0- 63.9	0	0	0	0	13	0	0	0	0	0	0
64.0- 64.9	0	0	0	0	13	0	0	0	0	0	0
65.0- 65.9	0	0	0	0	13	0	0	0	0	0	0
66.0- 66.9	0	0	0	0	13	0	0	0	0	0	0
67.0- 67.9	0	0	0	0	13	0	0	0	0	0	0
68.0- 68.9	0	0	0	0	13	0	0	0	0	0	0
69.0- 69.9	0	0	0	0	13	0	0	0	0	0	0
70.0- 70.9	0	0	0	0	13	0	0	0	0	0	0
71.0- 71.9	0	0	0	0	13	0	0	0	0	0	0
72.0- 72.9	0	0	0	0	13	0	0	0	0	0	0
73.0- 73.9	0	0	0	0	13	0	0	0	0	0	0
74.0- 74.9	0	0	0	0	13	0	0	0	0	0	0
75.0- 75.9	0	0	0	0	13	0	0	0	0	0	0
76.0- 76.9	0	0	0	0	13	0	0	0	0	0	0
77.0- 77.9	0	0	0	0	13	0	0	0	0	0	0
78.0- 78.9	0	0	0	0	13	0	0	0	0	0	0
79.0- 79.9	0	0	0	0	30	0	0	0	0	0	0
80.0- 80.9	0	0	0	0	30	0	0	0	0	0	0
81.0- 81.9	0	0	0	0	30	0	0	0	0	0	0
82.0- 82.9	0	0	0	0	30	0	0	0	0	0	0
83.0- 83.9	0	0	0	0	30	0	0	0	0	0	0
84.0- 84.9	0	0	0	0	30	0	0	0	0	0	0
85.0- 85.9	0	0	0	0	30	0	0	0	0	0	0
86.0- 86.9	0	0	0	0	30	0	0	0	0	0	0
87.0- 87.9	0	0	0	0	30	0	0	0	0	0	0
88.0- 88.9	0	0	0	0	30	0	0	0	0	0	0
89.0- 89.9	0	0	0	0	30	0	0	0	0	0	0
90.0- 90.9	0	0	0	0	30	0	0	0	0	0	0
91.0- 91.9	0	0	0	0	30	0	0	0	0	0	0
92.0- 92.9	0	0	0	0	30	0	0	0	0	0	0
93.0- 93.9	0	0	0	0	30	0	0	0	0	0	0
94.0- 94.9	0	0	0	0	30	0	0	0	0	0	0
95.0- 95.9	0	0	0	0	30	0	0	0	0	0	0
96.0- 96.9	0	0	0	0	30	0	0	0	0	0	0
97.0- 97.9	0	0	0	0	30	0	0	0	0	0	0
98.0- 98.9	0	0	0	0	30	0	0	0	0	0	0
99.0- 99.9	0	0	0	0	30	0	0	0	0	0	0
100.0-100.9	0	0	0	0	187	0	0	0	0	0	0
101.0-101.9	0	0	0	0	187	0	0	0	0	0	0
102.0-102.9	0	0	0	0	187	0	0	0	0	0	0
103.0-103.9	0	0	0	0	187	0	0	0	0	0	0
104.0-104.9	0	0	0	0	187	0	0	0	0	0	0
105.0-105.9	0	0	0	0	227	0	0	1	0	0	0
106.0-106.9	0	0	0	0	227	0	0	1	0	0	0
107.0-107.9	0	0	0	0	227	0	0	1	0	0	0
108.0-108.9	0	0	0	0	227	0	0	1	0	0	0
109.0-109.9	0	0	0	0	256	0	0	0	0	0	0
110.0-110.9	0	0	0	0	256	0	0	0	0	0	0
111.0-111.9	0	0	0	0	256	0	0	0	0	0	0
112.0-112.9	0	0	0	0	256	0	0	0	0	0	0
113.0-113.9	0	0	0	0	256	0	0	0	0	0	0
114.0-114.9	0	0	0	0	256	0	0	0	0	0	0
115.0-115.9	1	1	1	0	280	0	0	6	0	0	0
116.0-116.9	1	1	1	0	280	0	0	6	0	0	0
117.0-117.9	1	1	1	0	280	0	0	6	0	0	0
118.0-118.9	1	1	1	0	280	0	0	6	0	0	0
119.0-119.9	1	1	1	0	280	0	0	6	15	0	25
120.0-120.9	0	0	0	0	280	0	40	12	31	5	51
121.0-121.9	0	0	0	0	280	0	40	12	15	13	43
122.0-122.9	0	0	0	0	280	0	0	12	15	0	0
123.0-123.9	0	0	0	0	280	0	0	12	0	0	0
124.0-124.9	0	0	0	0	280	0	79	12	0	0	0
125.0-125.9	2	2	2	0	236	0	79	13	15	0	0
126.0-126.9	2	2	2	0	236	0	79	13	0	35	0
127.0-127.9	2	2	2	0	236	0	79	13	31	17	0
128.0-128.9	2	2	2	0	236	0	40	13	46	0	0
129.0-129.9	2	2	2	0	236	0	40	13	15	0	0
130.0-130.9	3	2	2	0	187	0	79	16	0	0	0
131.0-131.9	3	2	2	0	187	0	79	16	15	7	12
132.0-132.9	3	2	2	0	187	6	119	16	15	32	47
133.0-133.9	3	2	2	0	187	6	119	16	15	19	0
134.0-134.9	3	2	2	0	187	26	40	16	0	27	0
135.0-135.9	2	1	1	0	165	26	40	77	0	19	0

136.0-136.9	2	1	1	0	165	13	0	77	15	0	0
137.0-137.9	2	1	1	0	165	13	0	77	31	31	0
138.0-138.9	2	1	1	0	165	19	79	77	15	40	0
139.0-139.9	2	1	1	0	165	19	79	77	31	38	0
140.0-140.9	2	1	1	0	165	19	40	62	31	46	0
141.0-141.9	10	9	8	0	126	19	40	62	46	26	0
142.0-142.9	10	9	8	0	126	26	40	62	76	9	0
143.0-143.9	10	9	8	0	126	26	40	62	15	26	0
144.0-144.9	10	9	8	0	126	19	119	62	46	36	0
145.0-145.9	10	9	8	0	126	19	119	50	31	53	0
146.0-146.9	27	24	19	1	49	45	119	50	0	67	0
147.0-147.9	27	24	19	1	49	45	119	50	46	43	0
148.0-148.9	27	24	19	1	49	26	40	50	0	17	0
149.0-149.9	27	24	19	1	49	26	40	50	15	17	0
150.0-150.9	27	24	19	1	49	19	0	59	31	49	0
151.0-151.9	42	38	31	1	11	19	0	59	15	94	0
152.0-152.9	42	38	31	1	11	45	79	59	31	40	0
153.0-153.9	42	38	31	1	11	45	79	59	31	59	0
154.0-154.9	42	38	31	1	11	32	79	59	15	22	0
155.0-155.9	42	38	31	1	11	32	79	45	15	64	0
156.0-156.9	37	34	27	1	9	32	79	45	15	25	0
157.0-157.9	37	34	27	1	9	32	79	45	0	10	0
158.0-158.9	37	34	27	1	9	38	40	45	46	35	59
159.0-159.9	37	34	27	1	9	38	40	45	61	54	0
160.0-160.9	37	34	27	1	9	26	79	126	31	27	0
161.0-161.9	31	28	23	0	4	26	79	126	61	17	0
162.0-162.9	31	28	23	0	4	32	79	126	46	58	0
163.0-163.9	31	28	23	0	4	32	79	126	61	37	0
164.0-164.9	31	28	23	0	4	38	119	126	76	90	0
165.0-165.9	31	28	23	0	4	38	119	54	107	29	0
166.0-166.9	9	8	7	0	2	6	0	54	76	12	0
167.0-167.9	9	8	7	0	2	6	0	54	31	63	0
168.0-168.9	9	8	7	0	2	19	40	54	61	33	0
169.0-169.9	9	8	7	0	2	19	40	54	76	14	0
170.0-170.9	9	8	7	0	2	26	79	9	76	40	40
171.0-171.9	18	17	13	1	0	26	79	9	107	38	20
172.0-172.9	18	17	13	1	0	0	40	9	153	57	0
173.0-173.9	18	17	13	1	0	0	40	9	92	78	0
174.0-174.9	18	17	13	1	0	0	0	9	61	75	0
175.0-175.9	18	17	13	1	0	0	0	9	61	121	0
176.0-176.9	40	37	29	1	0	13	0	9	107	58	0
177.0-177.9	40	37	29	1	0	13	0	9	92	113	0
178.0-178.9	40	37	29	1	0	0	0	9	76	75	0
179.0-179.9	40	37	29	1	0	0	0	9	61	49	0
180.0-180.9	40	37	29	1	0	0	0	12	46	121	49
181.0-181.9	93	84	67	1	0	0	0	12	61	133	10
182.0-182.9	93	84	67	1	0	0	0	12	15	115	0
183.0-183.9	93	84	67	1	0	0	0	12	61	107	0
184.0-184.9	93	84	67	1	0	6	0	12	15	66	0
185.0-185.9	93	84	67	1	0	6	0	20	61	42	0
186.0-186.9	158	144	115	2	0	0	0	20	0	97	0
187.0-187.9	158	144	115	2	0	0	0	20	61	73	0
188.0-188.9	158	144	115	2	0	0	0	20	15	14	59
189.0-189.9	158	144	115	2	0	0	0	20	15	21	0
190.0-190.9	158	144	115	2	0	0	0	16	15	38	0
191.0-191.9	214	195	156	3	0	0	0	16	15	62	0
192.0-192.9	214	195	156	3	0	0	0	16	0	49	0
193.0-193.9	214	195	156	3	0	13	0	16	0	24	12
194.0-194.9	214	195	156	3	0	13	0	16	15	76	202
195.0-195.9	214	195	156	3	0	13	0	11	0	21	71
196.0-196.9	199	181	144	7	0	19	0	11	15	28	36
197.0-197.9	199	181	144	7	0	19	0	11	0	45	80
198.0-198.9	199	181	144	7	0	26	0	11	15	4	74
199.0-199.9	199	181	144	7	0	26	0	11	0	31	0
200.0-200.9	199	181	144	7	0	13	0	25	31	17	71
201.0-201.9	172	157	125	12	0	13	0	25	0	17	47
202.0-202.9	172	157	125	12	0	26	0	25	31	21	59
203.0-203.9	172	157	125	12	0	26	0	25	0	31	0
204.0-204.9	172	157	125	12	0	19	40	25	0	0	59
205.0-205.9	172	157	125	12	0	19	40	25	0	28	0
206.0-206.9	119	108	87	16	0	19	40	25	15	42	59
207.0-207.9	119	108	87	16	0	19	40	25	15	22	193
208.0-208.9	119	108	87	16	0	13	40	25	15	27	45
209.0-209.9	119	108	87	16	0	13	40	25	31	4	0
210.0-210.9	119	108	87	16	0	19	40	20	46	42	119
211.0-211.9	81	73	59	17	0	19	40	20	31	28	178
212.0-212.9	81	73	59	17	0	6	40	20	0	17	119
213.0-213.9	81	73	59	17	0	6	40	20	31	13	0
214.0-214.9	81	73	59	17	0	38	79	20	15	15	0
215.0-215.9	81	73	59	17	0	38	79	34	61	24	89
216.0-216.9	56	51	40	14	0	45	119	34	46	43	89
217.0-217.9	56	51	40	14	0	45	119	34	46	85	59
218.0-218.9	56	51	40	14	0	45	79	34	61	49	119
219.0-219.9	56	51	40	14	0	45	79	34	31	69	0
220.0-220.9	56	51	40	14	0	26	79	26	46	30	119
221.0-221.9	44	40	32	10	0	26	79	26	61	46	59
222.0-222.9	44	40	32	10	0	19	0	26	46	92	0
223.0-223.9	44	40	32	10	0	19	0	26	46	104	0
224.0-224.9	44	40	32	10	0	26	79	26	46	104	99
225.0-225.9	44	40	32	10	0	26	79	41	76	104	168
226.0-226.9	27	25	20	6	0	26	40	41	15	87	30
227.0-227.9	27	25	20	6	0	26	40	41	61	108	0
228.0-228.9	27	25	20	6	0	13	40	41	46	82	0
229.0-229.9	27	25	20	6	0	13	40	41	46	69	0
230.0-230.9	27	25	20	6	0	26	40	50	107	104	0
231.0-231.9	7	7	5	4	0	26	40	50	31	115	0
232.0-232.9	7	7	5	4	0	6	40	50	46	104	0
233.0-233.9	7	7	5	4	0	6	40	50	61	162	59
234.0-234.9	7	7	5	4	0	13	40	50	76	78	0
235.0-235.9	7	7	5	4	0	13	40	53	31	87	0
236.0-236.9	14	13	11	3	0	6	79	53	31	96	0
237.0-237.9	14	13	11	3	0	6	79	53	31	97	0
238.0-238.9	14	13	11	3	0	32	40	53	76	123	0
239.0-239.9	14	13	11	3	0	32	40	53	31	133	0
240.0-240.9	14	13	11	3	0	6	0	42	61	78	0
241.0-241.9	6	5	4	2	0	6	0	42	46	139	0
242.0-242.9	6	5	4	2	0	38	40	42	61	152	0
243.0-243.9	6	5	4	2	0	38	40	42	31	56	59

244.0-244.9	6	5	4	2	0	32	0	42	31	91	0
245.0-245.9	5	5	4	1	0	32	0	21	46	134	0
246.0-246.9	5	5	4	1	0	32	40	21	31	66	0
247.0-247.9	5	5	4	1	0	32	40	21	76	176	0
248.0-248.9	5	5	4	1	0	32	0	21	46	136	0
249.0-249.9	5	5	4	1	0	32	0	21	46	75	0
250.0-250.9	1	1	1	0	0	38	0	29	107	127	0
251.0-251.9	1	1	1	0	0	38	0	29	61	52	0
252.0-252.9	1	1	1	0	0	38	0	29	92	190	0
253.0-253.9	1	1	1	0	0	38	0	29	46	69	0
254.0-254.9	1	1	1	0	0	51	0	29	46	121	0
255.0-255.9	1	0	0	0	0	51	0	32	46	69	0
256.0-256.9	0	0	0	0	0	77	0	32	46	121	0
257.0-257.9	0	0	0	0	0	77	0	32	61	69	0
258.0-258.9	0	0	0	0	0	38	0	32	31	115	0
259.0-259.9	0	0	0	0	0	38	0	32	31	139	0
260.0-260.9	0	0	0	0	0	32	0	4	15	58	0
261.0-261.9	0	0	0	0	0	32	0	4	15	87	0
262.0-262.9	0	0	0	0	0	19	0	4	31	92	0
263.0-263.9	0	0	0	0	0	19	0	4	0	81	0
264.0-264.9	0	0	0	0	0	19	0	4	31	91	0
265.0-265.9	0	0	0	0	0	19	0	12	0	105	0
266.0-266.9	0	0	0	0	0	0	0	12	15	92	0
267.0-267.9	0	0	0	0	0	0	0	12	0	9[illegible]	0
268.0-268.9	0	0	0	0	0	0	0	12	0	12	0
269.0-269.9	0	0	0	0	0	0	0	12	0	[illegible]	0
270.0-270.9	0	0	0	0	0	0	0	4	15	12	0
271.0-271.9	0	0	0	0	0	0	0	4	0	58	0
272.0-272.9	0	0	0	0	0	0	0	4	0	69	0
273.0-273.9	0	0	0	0	0	0	0	4	0	35	0
274.0-274.9	0	0	0	0	0	0	0	4	0	0	0
275.0-275.9	0	0	0	0	0	0	0	3	0	17	0
276.0-276.9	0	0	0	0	0	0	0	3	0	0	0
277.0-277.9	0	0	0	0	0	0	0	3	0	17	0
278.0-278.9	0	0	0	0	0	0	0	3	0	0	0
279.0-279.9	0	0	0	0	0	0	0	3	0	0	0
TOTAL # FISH	7088	6443	5154	512	11023	2979	5313	5097	5500	8916	2786

TOTAL CATCH(MT)	1100	1000	800	100	400	600	700	800	1000	2000		500
TASK1 MT OR # FISH	1100	1000	800	100	400	600	700	800	1000	2000		500
# FISH(ORIG.REC)	.3043E+05	.3043E+05	.3043E+05	.1076E+05	100.0	233.0	67.00	1000.	360.0	515.0	47.00	
MT(ORIGINAL REC)	4722.	4722.	4722.	2099.	3.629	46.92	8.827	156.9	65.45	115.6	8.434	
RAISING FACTOR	.2300	.2100	.1700	.5000E-01	110.2	12.79	79.30	5.100	15.28	17.30	59.28	
MEAN LENGTH (CM)	194.2	194.2	194.2	209.9	118.6	205.6	177.1	187.5	199.1	214.8	202.9	
MEAN WEIGHT (KG)	155.2	155.2	155.2	195.0	36.29	201.4	131.7	156.9	181.8	224.3	179.4	

AREA MEDI
COUNTRY LIBYA
GEAR UNCL

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2	2	2
90.0- 90.9	0	0	0	0	0	0	0	0	0	0	0
91.0- 91.9	0	0	0	0	0	0	0	0	0	0	0
92.0- 92.9	0	0	0	0	0	0	0	0	0	0	0
93.0- 93.9	0	0	0	0	0	0	0	0	0	0	0
94.0- 94.9	0	0	0	0	0	0	0	0	0	0	0
95.0- 95.9	0	0	0	0	0	0	0	0	0	0	0
96.0- 96.9	0	0	0	0	0	0	0	0	0	0	0
97.0- 97.9	0	0	0	0	0	0	0	0	0	0	0
98.0- 98.9	0	0	0	0	0	0	0	0	0	0	0
99.0- 99.9	0	0	0	0	0	0	0	0	0	0	0
100.0-100.9	0	0	0	0	0	0	0	0	0	0	0
101.0-101.9	0	0	0	0	0	0	0	0	0	0	0
102.0-102.9	0	0	0	0	0	0	0	0	0	0	0
103.0-103.9	0	0	0	0	0	0	0	0	0	0	0
104.0-104.9	0	0	0	0	0	0	0	0	0	0	0
105.0-105.9	0	0	0	0	0	0	0	0	0	0	0
106.0-106.9	0	0	0	0	0	0	0	0	0	0	0
107.0-107.9	0	0	0	0	0	0	0	0	0	0	0
108.0-108.9	0	0	0	0	0	0	0	0	0	0	0
109.0-109.9	0	0	0	0	0	0	0	0	0	0	0
110.0-110.9	0	0	0	0	0	0	0	0	0	0	0
111.0-111.9	0	0	0	0	0	0	0	0	0	0	0
112.0-112.9	0	0	0	0	0	0	0	0	0	0	0
113.0-113.9	0	0	0	0	0	0	0	0	0	0	0
114.0-114.9	0	0	0	0	0	0	0	0	0	0	0
115.0-115.9	1	0	1	1	3	1	0	0	0	2	5
116.0-116.9	1	1	1	1	3	1	0	0	0	2	5
117.0-117.9	1	1	1	1	6	2	0	0	0	2	9
118.0-118.9	1	1	1	2	6	2	0	0	0	2	9
119.0-119.9	1	1	1	2	6	2	0	0	0	5	12
120.0-120.9	1	1	1	1	3	1	0	0	0	5	12
121.0-121.9	1	1	1	1	3	1	0	0	0	0	11
122.0-122.9	1	1	1	2	6	4	1	0	0	0	11
123.0-123.9	1	1	1	2	6	4	1	0	0	0	8
124.0-124.9	1	2	3	3	11	5	1	0	0	0	8
125.0-125.9	1	2	3	3	11	5	1	0	0	5	16
126.0-126.9	1	2	2	3	9	6	2	0	0	5	16
127.0-127.9	1	2	2	3	9	6	2	0	0	1	11
128.0-128.9	1	1	2	2	6	3	1	0	0	1	11
129.0-129.9	1	1	2	2	6	3	1	0	0	0	8
130.0-130.9	0	2	2	3	11	5	1	0	0	0	8
131.0-131.9	0	2	2	3	11	5	1	0	0	3	5
132.0-132.9	0	3	5	6	23	8	0	0	0	3	5
133.0-133.9	0	3	5	6	23	8	0	0	0	0	9
134.0-134.9	0	2	2	3	11	8	2	0	0	0	9
135.0-135.9	1	2	3	3	11	8	2	0	0	1	6
136.0-136.9	1	4	5	7	26	9	0	0	0	1	6
137.0-137.9	1	4	5	7	26	9	0	0	0	1	7
138.0-138.9	1	2	3	4	14	7	1	0	0	7	7
139.0-139.9	1	2	3	4	14	7	1	0	0	7	7
140.0-140.9	3	4	6	7	23	16	5	0	0	3	5
141.0-141.9	3	4	6	7	23	16	5	0	0	3	5
142.0-142.9	3	4	5	6	17	12	4	0	0	1	8
143.0-143.9	3	4	5	6	17	12	4	0	0	1	8
144.0-144.9	3	5	6	8	26	16	4	0	0	2	4
145.0-145.9	5	6	7	9	26	16	4	0	0	2	4
146.0-146.9	5	4	6	7	17	17	7	0	0	2	5
147.0-147.9	5	4	6	7	17	17	7	0	0	2	5
148.0-148.9	5	6	8	10	29	18	5	0	0	2	3
149.0-149.9	5	6	8	10	29	18	5	0	0	2	3
150.0-150.9	2	3	4	5	17	18	7	0	0	4	3
151.0-151.9	2	3	4	5	17	18	7	0	0	4	3
152.0-152.9	2	3	4	5	17	26	11	0	0	9	5
153.0-153.9	2	3	4	5	17	26	11	0	0	9	5
154.0-154.9	2	4	5	7	23	30	13	0	0	4	5
155.0-155.9	6	5	7	9	23	30	13	6	0	4	5
156.0-156.9	6	5	6	8	17	33	16	12	0	3	8
157.0-157.9	6	5	6	8	17	33	16	12	0	3	8
158.0-158.9	6	6	8	10	26	32	14	10	0	2	6
159.0-159.9	6	6	8	10	26	32	14	10	0	2	6
160.0-160.9	12	7	9	12	20	24	10	10	0	3	5
161.0-161.9	12	7	9	12	20	24	10	10	0	3	5
162.0-162.9	12	8	11	14	29	30	11	20	0	1	7
163.0-163.9	12	8	11	14	29	30	11	20	0	1	7
164.0-164.9	12	7	9	12	20	35	16	4	0	1	5
165.0-165.9	25	12	16	20	20	35	16	4	0	1	5
166.0-166.9	25	11	15	18	14	26	12	2	0	1	7
167.0-167.9	25	11	15	18	14	26	12	2	0	1	7
168.0-168.9	25	12	16	20	23	32	14	8	0	3	8
169.0-169.9	25	12	16	20	23	32	14	8	0	3	8
170.0-170.9	18	8	10	13	11	21	10	14	0	2	15
171.0-171.9	18	8	10	13	11	21	10	14	0	2	15
172.0-172.9	18	9	11	14	17	19	8	10	0	5	12
173.0-173.9	18	9	11	14	17	19	8	10	0	5	12
174.0-174.9	18	8	10	13	11	23	11	22	0	3	9
175.0-175.9	11	5	7	9	11	23	11	22	0	3	9
176.0-176.9	11	5	7	8	9	12	5	8	0	0	7
177.0-177.9	11	5	7	8	9	12	5	8	0	0	7
178.0-178.9	11	5	7	9	11	10	3	18	0	6	12
179.0-179.9	11	5	7	9	11	10	3	18	0	6	12
180.0-180.9	13	10	14	17	40	15	1	2	0	4	9
181.0-181.9	13	10	14	17	40	15	1	2	0	4	9
182.0-182.9	13	8	10	13	20	11	3	16	0	6	15
183.0-183.9	13	8	10	13	20	11	3	16	0	6	15
184.0-184.9	13	9	12	15	29	12	2	8	0	3	12
185.0-185.9	18	10	14	17	29	12	2	8	0	3	12
186.0-186.9	18	8	11	14	14	10	3	20	0	4	12
187.0-187.9	18	8	11	14	14	10	3	20	0	4	12
188.0-188.9	18	11	14	18	31	12	1	4	0	7	14
189.0-189.9	18	11	14	18	31	12	1	4	0	7	14
190.0-190.9	22	11	15	18	23	9	1	14	0	4	16

191.0-191.9	22	11	15	18	23	9	1	14	0	4	16
192.0-192.9	22	11	15	18	23	11	2	20	0	10	6
193.0-193.9	22	11	15	18	23	11	2	20	0	10	6
194.0-194.9	22	11	15	18	23	9	1	10	0	4	9
195.0-195.9	5	5	7	9	23	9	1	10	0	4	9
196.0-196.9	5	4	5	7	14	9	2	18	0	9	12
197.0-197.9	5	4	5	7	14	9	2	18	0	9	12
198.0-198.9	5	3	4	5	9	3	0	6	0	3	14
199.0-199.9	5	3	4	5	9	3	0	6	0	3	14
200.0-200.9	15	8	10	13	17	9	2	16	12	5	12
201.0-201.9	15	8	10	13	17	9	2	16	12	5	12
202.0-202.9	15	7	9	11	11	9	3	16	4	10	11
203.0-203.9	15	7	9	11	11	9	3	16	4	10	11
204.0-204.9	15	6	8	11	9	4	1	18	16	17	15
205.0-205.9	5	3	4	5	9	4	1	18	16	17	15
206.0-206.9	5	3	5	6	11	7	2	28	16	28	14
207.0-207.9	5	3	5	6	11	7	2	28	16	28	14
208.0-208.9	5	5	7	8	23	10	1	22	28	21	12
209.0-209.9	5	5	7	8	23	10	1	22	28	21	12
210.0-210.9	13	7	9	11	14	13	5	16	4	10	11
211.0-211.9	13	7	9	11	14	13	5	16	4	10	11
212.0-212.9	13	7	9	11	14	17	7	20	16	17	19
213.0-213.9	13	7	9	11	14	17	7	20	16	17	19
214.0-214.9	13	5	7	9	6	19	10	22	12	14	24
215.0-215.9	12	5	7	8	6	19	10	22	12	14	24
216.0-216.9	12	7	10	12	20	17	6	10	8	29	16
217.0-217.9	12	7	10	12	20	17	6	10	8	29	16
218.0-218.9	12	6	8	11	14	17	7	14	32	21	27
219.0-219.9	12	6	8	11	14	17	7	14	32	21	27
220.0-220.9	19	9	12	16	20	21	8	28	8	13	17
221.0-221.9	19	9	12	16	20	21	8	28	8	13	17
222.0-222.9	19	14	18	23	49	28	7	36	0	15	14
223.0-223.9	19	14	18	23	49	28	7	36	0	15	14
224.0-224.9	19	11	15	18	31	28	10	28	12	21	18
225.0-225.9	8	7	10	12	31	28	10	28	12	21	18
226.0-226.9	8	9	11	14	40	37	14	16	28	30	16
227.0-227.9	8	9	11	14	40	37	14	16	20	30	16
228.0-228.9	8	9	13	16	46	31	9	14	8	21	17
229.0-229.9	8	9	13	16	46	31	9	14	8	21	17
230.0-230.9	15	10	14	17	34	40	16	20	16	16	11
231.0-231.9	15	10	14	17	34	40	16	20	16	16	11
232.0-232.9	15	13	17	21	51	42	14	12	12	19	14
233.0-233.9	15	13	17	21	51	42	14	12	12	19	14
234.0-234.9	35	12	17	21	49	44	16	28	28	23	10
235.0-235.9	35	19	26	32	49	44	16	28	28	23	10
236.0-236.9	35	20	27	34	54	39	12	32	44	32	11
237.0-237.9	35	20	27	34	54	39	12	32	44	32	11
238.0-238.9	35	20	26	33	51	44	15	44	40	30	8
239.0-239.9	35	20	26	33	51	44	15	44	40	30	8
240.0-240.9	41	19	25	32	34	46	20	28	28	25	12
241.0-241.9	41	19	25	32	34	46	20	28	28	25	12
242.0-242.9	41	19	26	32	37	49	21	24	28	31	6
243.0-243.9	41	19	26	32	37	49	21	24	28	31	6
244.0-244.9	41	19	25	31	31	50	23	42	20	24	8
245.0-245.9	59	25	33	41	31	50	23	42	20	24	8
246.0-246.9	59	26	35	43	40	59	26	50	36	26	10
247.0-247.9	59	26	35	43	40	59	26	50	36	26	10
248.0-248.9	59	26	34	43	37	33	12	36	20	16	6
249.0-249.9	59	26	34	43	37	33	12	36	20	16	6
250.0-250.9	42	19	25	32	31	51	23	54	16	17	5
251.0-251.9	42	19	25	32	31	51	23	54	16	17	5
252.0-252.9	42	20	26	33	34	45	19	62	24	13	12
253.0-253.9	42	20	26	33	34	45	19	62	24	13	12
254.0-254.9	42	17	23	29	20	47	23	46	16	15	6
255.0-255.9	39	16	22	27	20	47	23	46	16	15	6
256.0-256.9	39	16	21	26	14	33	16	24	16	28	2
257.0-257.9	39	16	21	26	14	33	16	24	16	28	2
258.0-258.9	39	17	22	28	23	40	19	16	24	32	4
259.0-259.9	39	17	22	28	23	40	19	16	24	32	4
260.0-260.9	17	7	10	12	11	30	15	20	36	13	3
261.0-261.9	17	7	10	12	11	30	15	20	36	13	3
262.0-262.9	17	7	10	12	11	21	10	16	20	16	5
263.0-263.9	17	7	10	12	11	21	10	16	20	16	5
264.0-264.9	17	7	9	12	9	22	11	26	16	9	3
265.0-265.9	16	7	9	11	9	22	11	26	16	9	3
266.0-266.9	16	6	9	11	6	16	8	6	28	4	4
267.0-267.9	16	6	9	11	6	16	8	6	28	4	4
268.0-268.9	16	6	9	11	6	30	16	16	12	10	2
269.0-269.9	16	6	9	11	6	30	16	16	12	10	2
270.0-270.9	9	3	4	5	0	15	9	24	4	2	1
271.0-271.9	9	3	4	5	0	15	9	24	4	2	1
272.0-272.9	9	3	4	5	0	22	13	36	8	0	3
273.0-273.9	9	3	4	5	0	22	13	36	8	0	3
274.0-274.9	9	3	4	5	0	12	7	24	16	1	2
275.0-275.9	3	1	2	2	0	12	7	24	16	1	2
276.0-276.9	3	1	2	2	0	8	4	8	4	1	1
277.0-277.9	3	1	2	2	0	8	4	8	4	1	1
278.0-278.9	3	1	2	2	0	4	2	12	8	2	1
279.0-279.9	3	1	2	2	0	4	2	12	8	2	1
280.0-280.9	0	0	0	0	0	3	2	12	0	0	0
281.0-281.9	0	0	0	0	0	3	2	12	0	0	0
282.0-282.9	0	0	0	0	0	5	3	4	0	0	1
283.0-283.9	0	0	0	0	0	5	3	4	0	0	1
284.0-284.9	0	0	0	0	0	0	0	0	0	0	0
285.0-285.9	0	0	0	0	0	0	0	0	0	0	0
286.0-286.9	0	0	0	0	0	2	1	0	0	0	0
287.0-287.9	0	0	0	0	0	2	1	0	0	0	0
288.0-288.9	0	0	0	0	0	4	2	0	0	0	1
289.0-289.9	0	0	0	0	0	4	2	0	0	0	1
292.0-292.9	0	0	0	0	0	2	1	0	0	0	0
293.0-293.9	0	0	0	0	0	2	1	0	0	0	0
294.0-294.9	0	0	0	0	0	3	2	0	0	0	0
295.0-295.9	0	0	0	0	0	3	2	0	0	0	0
296.0-296.9	0	0	1	1	3	5	2	0	0	0	0
297.0-297.9	0	0	1	1	3	5	2	0	0	0	0
298.0-298.9	0	0	0	0	0	1	1	0	0	0	0
299.0-299.9	0	0	0	0	0	1	1	0	0	0	0
302.0-302.9	0	0	0	0	0	3	2	0	0	0	0
303.0-303.9	0	0	0	0	0	3	2	0	0	0	0
308.0-308.9	0	0	0	0	0	2	1	0	0	0	0
309.0-309.9	0	0	0	0	0	2	1	0	0	0	0
TOTAL # FISH	2440	1324	1765	2206	3283	3477	1362	2582	1438	1649	1711

TOTAL CATCH(MT)	600	300	400	500	634	799	336	677	424	398	271
TASKI MT OR # FISH	600	300	400	500	634	799	336	677	424	398	271
# FISH(ORIG.REC)	1000.	1576.	1576.	1576.	576.0	1830.	1254.	644.0	179.0	780.0	1903.
MT(ORIGINAL REC)	245.9	357.1	357.1	357.1	111.2	420.5	309.3	164.8	52.75	188.2	301.4
RAISING FACTOR	2.440	.8400	1.120	1.400	5.700	1.900	1.090	4.010	8.040	2.110	.9000
MEAN LENGTH (CM)	223.2	215.9	215.9	215.9	203.2	215.4	221.0	229.0	241.0	222.4	186.3
MEAN WEIGHT (KG)	245.9	226.6	226.6	226.6	193.1	229.8	246.7	262.2	294.7	241.3	158.4

AREA MEDI
COUNTRY MALTA
GEAR UNCL

YEAR	60	61	62	63	64	65	66	67	68	70	75
QUARTER	2	2	2	2	2	2	2	2	2	2	2
25.0- 29.9	0	0	0	29463	0	0	0	0	0	0	0
30.0- 34.9	766	2824	6939	117855	188	223	31058	24622	38000	4483	7898
35.0- 39.9	0	2824	50724	0	5000	0	31058	49244	68840	14344	25273
40.0- 44.9	0	0	0	0	0	0	11032	8207	0	788	1388
45.0- 49.9	0	0	0	0	0	0	0	3997	0	0	0
55.0- 59.9	30	37	28	5	250	294	50	8	0	1	2
60.0- 64.9	105	123	0	15	900	995	186	33	0	4	6
65.0- 69.9	75	86	0	12	650	718	137	25	0	3	5
70.0- 74.9	30	25	14	3	188	214	37	8	0	1	2
75.0- 79.9	75	86	14	12	638	710	137	25	0	3	5
80.0- 84.9	90	111	0	13	762	853	162	33	0	3	5
85.0- 89.9	30	25	14	3	188	214	37	8	0	1	2
90.0- 94.9	135	136	14	6	125	76	37	16	0	2	3
95.0- 99.9	240	222	42	10	200	126	50	25	0	3	5
100.0-104.9	616	580	28	25	538	323	149	58	0	7	13
105.0-109.9	436	419	42	15	338	294	99	33	0	5	10
110.0-114.9	286	271	111	6	138	298	62	16	0	4	6
115.0-119.9	481	456	56	17	388	319	112	41	0	6	11
120.0-124.9	436	407	180	15	338	290	99	49	0	5	10
125.0-129.9	376	358	375	25	188	332	87	16	0	5	8
130.0-134.9	165	160	208	34	50	118	37	8	0	3	5
TOTAL # FISH	4372	9151	58786	147533	11061	6396	74626	86473	106839	19668	34653

TOTAL CATCH(MT)	100	100	100	100	100	100	100	100	100	21	37
TASKI MT OR # FISH	100	100	100	100	100	100	100	100	100	21	37
# FISH(ORIG.REC)	291.0	742.0	4236.	.1545E+06	885.0	1523.	6007.	.1054E+05	1552.	.2194E+05	.2194E+05
MT(ORIGINAL REC)	6.655	8.108	7.206	104.7	8.001	23.81	8.049	12.18	1.453	23.42	23.42
RAISING FACTOR	15.03	12.33	13.88	.9500	12.50	4.200	12.42	8.210	68.84	.9000	1.580
MEAN LENGTH (CM)	94.70	62.58	38.47	31.61	63.79	84.88	37.24	37.29	35.72	36.74	36.74
MEAN WEIGHT (KG)	22.87	10.93	1.700	.6800	9.040	15.63	1.340	1.160	.9400	1.070	1.070

AREA MEDI
COUNTRY MALTA
GEAR UNCL

YEAR	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2
30.0- 34.9	5336	10032	5550	5612	5856	7807
35.0- 39.9	17076	32103	17759	0	0	0
40.0- 44.9	938	1764	976	0	0	0
55.0- 59.9	1	2	1	0	0	0
60.0- 64.9	4	8	4	0	0	0
65.0- 69.9	3	6	3	0	0	0
70.0- 74.9	1	2	1	0	0	0
75.0- 79.9	3	6	3	0	0	0
80.0- 84.9	3	6	3	0	0	0
85.0- 89.9	1	2	1	0	0	0
90.0- 94.9	2	4	2	0	0	0
95.0- 99.9	3	6	3	0	0	0
100.0-104.9	9	16	9	0	0	0
105.0-109.9	6	12	7	0	0	0
110.0-114.9	4	8	4	0	0	0
115.0-119.9	8	14	8	0	0	0
120.0-124.9	6	12	7	0	0	0
125.0-129.9	5	10	6	212	221	295
130.0-134.9	3	6	3	212	221	295
TOTAL # FISH	23414	44019	24351	6034	6297	8396

TOTAL CATCH(MT)	25	47	26	23	24	32
TASKI MT OR # FISH	25	47	26	23	24	32
# FISH(ORIG.REC)	.2194E+05	.2194E+05	.2194E+05	285.0	285.0	285.0
MT(ORIGINAL REC)	23.42	23.42	23.42	1.086	1.086	1.086
RAISING FACTOR	1.070	2.010	1.110	21.18	22.10	29.46
MEAN LENGTH (CM)	36.74	36.74	36.74	39.34	39.34	39.34
MEAN WEIGHT (KG)	1.070	1.070	1.070	3.810	3.810	3.810

AREA MEDI
COUNTRY MAROC
GEAR TRAP

YEAR	65	66	67	68	71	72	73	74
QUARTER	2	2	2	2	2	2	2	2
55.0- 59.9	7	0	0	0	0	0	0	0
60.0- 64.9	24	1	0	0	0	2	0	0
65.0- 69.9	17	1	0	0	0	2	0	0
70.0- 74.9	5	0	0	0	0	0	0	0
75.0- 79.9	17	1	0	0	0	2	0	0
80.0- 84.9	20	1	0	0	0	2	0	0
85.0- 89.9	5	0	0	0	0	0	0	0
90.0- 94.9	2	0	0	0	0	1	0	0
95.0- 99.9	3	0	0	0	0	1	0	0
100.0-104.9	8	1	2	0	0	3	0	1
105.0-109.9	7	1	0	0	0	2	0	0
110.0-114.9	7	0	0	0	0	1	0	0
115.0-119.9	8	1	1	0	0	2	0	1
120.0-124.9	9	1	1	0	0	2	0	0
125.0-129.9	8	1	0	0	0	2	0	0
130.0-134.9	3	0	0	0	0	1	0	0
140.0-144.9	0	0	0	0	0	1	0	1
145.0-149.9	0	1	0	0	2	2	0	1
150.0-154.9	2	1	1	0	5	4	0	1
155.0-159.9	7	1	1	0	5	4	0	1
160.0-164.9	9	1	3	0	2	3	0	1
165.0-169.9	12	1	5	0	2	3	0	1
170.0-174.9	14	1	3	0	2	2	0	1
175.0-179.9	12	1	5	0	5	4	0	1
180.0-184.9	7	2	9	0	7	6	0	1
185.0-189.9	5	3	10	1	9	9	0	2
190.0-194.9	9	4	11	1	11	11	0	2
195.0-199.9	14	4	16	2	14	14	0	2
200.0-204.9	12	4	16	1	11	12	0	2
205.0-209.9	14	4	12	1	11	10	0	2
210.0-214.9	21	4	9	1	11	10	0	2
215.0-219.9	23	3	8	1	9	10	0	2
220.0-224.9	52	4	7	4	14	13	1	2
225.0-229.9	83	4	6	4	14	14	2	2
230.0-234.9	113	4	6	4	14	14	2	2
235.0-239.9	106	4	5	1	11	12	0	2
240.0-244.9	78	3	4	1	9	9	0	2
245.0-249.9	45	2	4	1	7	6	0	1
250.0-254.9	26	1	3	1	5	4	0	1
255.0-259.9	17	1	2	1	2	2	0	1
260.0-264.9	7	0	0	0	2	1	0	1
265.0-269.9	2	0	0	0	0	0	0	0
TOTAL # FISH	839	61	149	21	183	196	4	36
TOTAL CATCH(MT)	172	11	27	5	37	36	1	7
TASKI MT OR # FISH	172	11	27	5	37	36	1	7
# FISH(ORIG.REC)	1171.	71.00	150.0	30.00	81.00	226.0	7.000	46.00
MT(ORIGINAL REC)	239.9	12.64	27.07	7.010	16.36	41.37	1.732	8.725
RAISING FACTOR	.7200	.8700	1.000	.7100	2.260	.8700	.5800	.8000
MEAN LENGTH (CM)	201.4	196.2	202.7	223.3	210.8	199.3	228.9	203.8
MEAN WEIGHT (KG)	204.9	178.0	180.4	233.7	202.0	183.0	247.5	189.7

AREA MEDI
COUNTRY MAROC
GEAR PS

YEAR	71	72	74	75	76	77	79	81
QUARTER	3	3	3	3	3	3	3	3
25.0- 29.9	0	0	0	0	28	197	62	0
30.0- 34.9	8652	0	138	2761	564	3947	1544	1205
35.0- 39.9	33664	935	1781	35623	352	2467	618	1087
40.0- 44.9	0	0	0	0	141	987	154	0
TOTAL # FISH	42315	935	1919	38383	1085	7597	2378	2292

TOTAL CATCH(MT)	42	1	2	40	1	7	2	2
TASKI MT OR # FISH	42	1	2	40	1	7	2	2
# FISH(ORIG.REC)	3771.	1170.	2155.	2155.	.8000E+05	.8000E+05	.3000E+05	1265.
MT(ORIGINAL REC)	3.743	1.251	2.246	2.246	73.71	73.71	25.23	1.104
RAISING FACTOR	11.22	.8000	.8900	17.81	.1000E-01	.9000E-01	.8000E-01	1.A10
MEAN LENGTH (CM)	36.48	37.50	37.14	37.14	35.29	35.29	34.32	34.87
MEAN WEIGHT (KG)	.9900	1.070	1.040	1.040	.9200	.9200	.8400	.8700

AREA MEDI
COUNTRY PANAMA
GEAR LLFB

YEAR	77
QUARTER	2
146.0-147.9	0
164.0-165.9	0
166.0-167.9	0
168.0-169.9	0
172.0-173.9	0
174.0-175.9	0
176.0-177.9	1
178.0-179.9	0
180.0-181.9	1
182.0-183.9	0
184.0-185.9	0
186.0-187.9	0
188.0-189.9	0
190.0-191.9	0
192.0-193.9	1
194.0-195.9	0
196.0-197.9	1
198.0-199.9	0
200.0-201.9	0
202.0-203.9	1
204.0-205.9	1
206.0-207.9	1
208.0-209.9	1
210.0-211.9	0
212.0-213.9	1
214.0-215.9	1
216.0-217.9	1
218.0-219.9	0
220.0-221.9	0
222.0-223.9	1
224.0-225.9	0
230.0-231.9	0
234.0-235.9	1
238.0-239.9	0
240.0-241.9	0
242.0-243.9	1
244.0-245.9	1
246.0-247.9	1
248.0-249.9	1
250.0-251.9	0
252.0-253.9	0
254.0-255.9	0
256.0-257.9	0
258.0-259.9	0
260.0-261.9	0
262.0-263.9	0
268.0-269.9	0
TOTAL # FISH	19

TOTAL CATCH(MT)	4
TASK1 MT OR # FISH	4
# FISH(ORIG.REC)	2754.
MT(ORIGINAL REC)	569.2
RAISING FACTOR	.1000E-01
MEAN LENGTH (CM)	212.1
MEAN WEIGHT (KG)	206.7

AREA MEDI
COUNTRY ESPANA
GEAR LL

YEAR	63	64	65	66	67	68	69	70	71	72	73
QUARTER	2	2	2	2	2	2	2	2	2	2	2
55.0- 59.9	10	7	16	11	3	14	9	0	0	1	2
60.0- 64.9	34	27	55	44	12	49	33	1	0	6	8
65.0- 69.9	25	20	39	32	9	34	24	1	0	5	6
70.0- 74.9	6	6	12	9	3	9	6	0	0	1	2
75.0- 79.9	25	19	39	32	9	14	9	1	0	5	6
80.0- 84.9	30	23	47	38	12	42	28	1	0	6	6
85.0- 89.9	6	6	12	9	3	9	6	0	0	1	2
90.0- 94.9	13	4	4	9	6	12	8	0	0	3	4
95.0- 99.9	21	6	7	11	9	18	13	0	0	4	6
100.0-104.9	55	16	18	35	20	46	31	1	0	9	14
105.0-109.9	34	10	16	23	12	33	22	0	0	6	10
110.0-114.9	13	4	16	15	6	18	13	1	2	4	8
115.0-119.9	39	11	18	26	14	37	24	0	0	7	12
120.0-124.9	34	10	16	23	17	33	22	0	0	6	10
125.0-129.9	55	6	18	20	6	25	17	1	2	6	9
130.0-134.9	76	2	6	9	3	12	8	1	2	3	6
135.0-139.9	36	7	0	3	0	5	3	1	2	1	2
140.0-144.9	0	16	0	11	3	14	9	1	2	3	8
145.0-149.9	36	16	0	29	6	34	24	4	9	7	16
150.0-154.9	183	16	5	49	12	58	39	6	13	12	27
155.0-159.9	146	7	16	44	12	54	35	5	13	11	25
160.0-164.9	36	7	21	35	32	42	28	4	9	9	20
165.0-169.9	0	16	27	32	55	39	26	4	9	9	18
170.0-174.9	36	7	33	32	38	37	24	39	9	7	18
175.0-179.9	108	0	27	47	58	55	37	56	13	11	25
180.0-184.9	191	0	16	82	100	97	65	10	21	20	45
185.0-189.9	226	7	12	120	109	143	96	14	32	29	65
190.0-194.9	226	29	21	160	120	190	127	19	42	38	87
195.0-199.9	369	51	33	186	178	220	147	22	48	44	102
200.0-204.9	555	72	27	171	181	204	136	20	44	42	94
205.0-209.9	437	102	33	142	132	172	114	17	38	36	79
210.0-214.9	263	169	48	146	97	173	116	17	38	36	80
215.0-219.9	226	258	53	134	83	160	106	16	34	33	73
220.0-224.9	290	242	121	180	74	215	143	21	47	45	100
225.0-229.9	365	153	194	186	66	222	148	22	48	47	103
230.0-234.9	263	96	263	201	66	243	163	24	50	49	103
235.0-239.9	108	51	249	166	61	197	132	21	42	42	91
240.0-244.9	36	37	184	125	46	148	99	15	32	30	69
245.0-249.9	0	37	104	87	43	104	70	10	23	22	48
250.0-254.9	0	15	60	47	32	58	39	6	13	12	27
255.0-259.9	36	0	38	23	17	30	20	3	6	6	14
260.0-264.9	73	0	16	11	3	14	9	1	4	4	8
265.0-269.9	36	0	4	3	0	5	3	1	2	0	2
TOTAL # FISH	4757	1580	1942	2795	1762	3338	2224	388	645	678	1455
TOTAL CATCH(MT)	800	300	400	500	300	600	400	69	129	124	274
TASKI MT OR # FISH	800	300	400	500	300	600	400	69	129	124	274
# FISH(ORIG.REC)	3804.	1942.	2741.	3182.	1777.	3987.	2655.	4756.	749.0	783.0	1535.
MT(ORIGINAL REC)	639.7	368.7	564.5	569.2	302.5	716.5	477.5	843.6	149.8	143.2	289.0
RAISING FACTOR	1.250	.8100	.7100	.8800	.9900	.8400	.8400	.8000E-01	.8600	.8700	.9500
MEAN LENGTH (CM)	194.4	201.3	202.0	196.1	195.9	196.7	196.8	200.1	209.9	199.1	202.5
MEAN WEIGHT (KG)	168.2	189.8	205.9	178.9	170.2	179.7	179.8	177.4	199.9	182.9	188.2

AREA MEDI
COUNTRY ESPANA
GEAR LL

YEAR	74	75
QUARTER	2	2
55.0- 59.9	2	1
60.0- 64.9	6	3
65.0- 69.9	4	2
70.0- 74.9	1	1
75.0- 79.9	4	2
80.0- 84.9	4	2
85.0- 89.9	1	1
90.0- 94.9	3	1
95.0- 99.9	4	2
100.0-104.9	10	6
105.0-109.9	8	4
110.0-114.9	6	3
115.0-119.9	9	5
120.0-124.9	8	4
125.0-129.9	6	3
130.0-134.9	4	2
135.0-139.9	1	1
140.0-144.9	6	3
145.0-149.9	11	6
150.0-154.9	19	10
155.0-159.9	17	10
160.0-164.9	14	8
165.0-169.9	12	7
170.0-174.9	12	7
175.0-179.9	17	10
180.0-184.9	31	17
185.0-189.9	46	25
190.0-194.9	62	33
195.0-199.9	71	38
200.0-204.9	65	35
205.0-209.9	55	29
210.0-214.9	56	30
215.0-219.9	51	27
220.0-224.9	70	38
225.0-229.9	72	39
230.0-234.9	72	39
235.0-239.9	64	34
240.0-244.9	48	26
245.0-249.9	34	18
250.0-254.9	19	10
255.0-259.9	10	6
260.0-264.9	6	3
265.0-269.9	1	1
TOTAL # FISH	1019	545
TOTAL CATCH(MT)	192	103
TASKI MT OR # FISH	192	103
# FISH(ORIG.REC)	1076.	577.0
MT(ORIGINAL REC)	202.6	109.0
RAISING FACTOR	.9500	.9500
MEAN LENGTH (CM)	202.5	202.8
MEAN WEIGHT (KG)	188.3	188.8

AREA MEDI
COUNTRY ESPANA
GEAR LL

YEAR	76	77	78	79	80	81
QUARTER	3	3	3	3	3	3
55.0- 59.9	100	0	0	0	0	0
60.0- 64.9	201	0	0	0	0	0
65.0- 69.9	100	0	0	0	0	0
80.0- 84.9	100	0	0	0	0	0
85.0- 89.9	0	5	0	19	8	0
90.0- 94.9	0	0	0	6	0	0
95.0- 99.9	0	0	10	0	0	22
100.0-104.9	100	0	10	12	15	44
105.0-109.9	201	0	0	0	8	0
110.0-114.9	100	9	0	6	8	0
115.0-119.9	603	5	48	19	0	0
120.0-124.9	402	9	19	25	31	0
125.0-129.9	301	9	10	6	0	0
130.0-134.9	201	14	38	25	31	22
135.0-139.9	201	14	19	25	15	48
140.0-144.9	201	0	10	6	38	0
145.0-149.9	201	9	19	19	8	22
150.0-154.9	201	19	38	25	15	0
155.0-159.9	0	5	19	12	15	89
160.0-164.9	100	0	19	6	15	22
165.0-169.9	0	14	48	30	8	44
170.0-174.9	100	19	29	56	31	66
175.0-179.9	100	14	29	19	1	22
180.0-184.9	0	14	19	62	38	111
185.0-189.9	201	14	48	111	8	44
190.0-194.9	201	14	10	43	38	66
195.0-199.9	0	24	10	49	31	177
200.0-204.9	0	9	19	25	38	111
205.0-209.9	0	29	19	62	38	22
210.0-214.9	100	9	29	12	54	66
215.0-219.9	100	5	10	12	23	22
220.0-224.9	0	19	19	43	38	221
225.0-229.9	0	53	38	12	23	66
230.0-234.9	0	48	10	6	23	22
235.0-239.9	0	9	19	0	8	0
240.0-244.9	0	0	0	0	8	0
245.0-249.9	0	14	10	12	23	0
250.0-254.9	0	5	19	6	15	0
255.0-259.9	0	0	19	0	0	0
260.0-264.9	0	0	10	6	0	0
265.0-269.9	0	0	0	0	8	0
TOTAL # FISH	4113	416	669	769	658	1332
TOTAL CATCH(MT)	250	68	92	100	100	200
TASKI MT OR # FISH	250	68	92	100	100	200
# FISH(ORIG.REC)	4771.	495.0	840.0	912.0	776.0	1564.
MT(ORIGINAL REC)	290.0	80.84	115.5	118.5	117.8	234.8
RAISING FACTOR	.8600	.8400	.8000	.8400	.8500	.8500
MEAN LENGTH (CM)	133.4	191.9	178.6	178.1	186.1	188.9
MEAN WEIGHT (KG)	60.78	163.3	137.5	129.9	151.8	150.1

AREA MEDI
COUNTRY ESPANA
GEAR TRAP

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	2	2	2
25.0- 29.9	0	0	0	30590	0	0	0	0	0	0	0
30.0- 34.9	44	187	421	122364	12	38	2123	2693	355	0	250
35.0- 39.9	0	187	3080	0	326	0	2123	5385	643	34	0
40.0- 44.9	0	0	0	0	0	0	754	898	0	0	0
45.0- 49.9	0	0	0	0	0	0	0	437	0	0	0
55.0- 59.9	2	2	2	5	16	50	3	1	0	5	1
60.0- 64.9	6	8	0	16	59	170	13	4	0	18	6
65.0- 69.9	4	6	0	12	42	123	9	3	0	13	4
70.0- 74.9	2	2	1	3	12	37	3	1	0	3	1
75.0- 79.9	4	6	1	12	42	121	9	3	0	5	4
80.0- 84.9	5	7	0	14	50	146	11	4	0	15	5
85.0- 89.9	2	2	1	3	12	37	3	1	0	4	1
90.0- 94.9	8	9	1	6	8	13	3	2	0	4	0
95.0- 99.9	14	15	3	10	13	22	3	3	0	7	0
100.0-104.9	35	38	2	26	35	55	10	6	0	17	2
105.0-109.9	25	28	3	16	22	50	7	4	0	12	1
110.0-114.9	16	18	7	6	9	51	4	2	0	7	3
115.0-119.9	27	30	3	18	25	55	8	5	0	13	1
120.0-124.9	25	27	11	16	22	50	7	5	0	12	1
125.0-129.9	21	24	23	26	12	57	6	2	0	9	4
130.0-134.9	9	11	13	36	3	20	3	1	0	4	3
135.0-139.9	4	5	3	17	15	0	1	0	0	2	2
140.0-144.9	14	15	9	0	33	0	3	1	0	5	6
145.0-149.9	33	37	22	17	33	0	9	2	0	13	14
150.0-154.9	55	61	37	85	33	15	14	4	0	21	23
155.0-159.9	51	56	34	68	15	51	13	4	0	19	22
160.0-164.9	39	44	26	17	15	66	10	10	0	1	17
165.0-169.9	36	40	24	0	33	83	9	17	0	1	16
170.0-174.9	36	40	24	17	15	103	9	12	0	1	157
175.0-179.9	52	58	35	51	0	83	14	18	0	2	228
180.0-184.9	91	101	61	89	0	51	24	31	0	3	39
185.0-189.9	134	149	92	106	15	37	35	34	1	5	58
190.0-194.9	178	198	119	106	64	66	47	38	1	6	77
195.0-199.9	208	230	139	173	112	103	54	56	1	8	90
200.0-204.9	193	212	128	260	158	83	50	57	1	7	82
205.0-209.9	161	168	108	204	222	103	42	41	1	6	69
210.0-214.9	170	181	110	123	366	149	42	31	1	6	70
215.0-219.9	150	167	100	106	558	165	39	26	1	5	65
220.0-224.9	202	224	135	136	527	371	53	23	2	7	87
225.0-229.9	210	233	140	171	333	594	54	21	2	8	90
230.0-234.9	222	246	148	123	208	807	59	21	2	8	97
235.0-239.9	186	206	124	51	112	763	48	19	1	7	86
240.0-244.9	140	156	94	17	79	562	37	14	1	5	60
245.0-249.9	97	108	65	0	79	325	26	14	1	3	42
250.0-254.9	53	60	35	0	33	186	14	10	1	2	23
255.0-259.9	27	30	19	17	0	120	7	5	0	1	12
260.0-264.9	14	16	9	34	0	50	3	1	0	0	6
265.0-269.9	4	5	3	17	0	14	1	0	0	0	2
TOTAL # FISH	3005	3649	5411	155179	3778	6044	5815	9963	1011	1241	1827

TOTAL CATCH(MT)		561		620		377		472	653	1235	151	104	4	217	280
TASKI MT OR # FISH		561		620		377		472	653	1235	151	104	4	217	280
# FISH(ORIG.REC)	3515.		4472.		6422.		.1565E+06	4642.	8415.	6850.	.1110E+05	1573.	1483.	2573.	
MT(ORIGINAL REC)	656.1		759.7		447.4		476.1	802.1	1719.	177.9	115.9	6.218	259.2	394.3	
RAISING FACTOR	.8600		.8200		.8400		.9900	.8100	.7200	.8500	.9000	.6400	.8400	.7100	
MEAN LENGTH (CM)	201.1		186.1		97.09		33.84	186.6	200.7	58.59	45.81	38.20	192.3	177.2	
MEAN WEIGHT (KG)	186.6		169.9		69.67		3.040	172.8	204.3	25.96	10.44	3.950	174.8	153.2	

AREA MED1
COUNTRY ESPANA
GEAR TRAP

YEAR	71	72	73	74	75	76	77	78	81
QUARTER	2	2	2	2	2	2	2	2	2
30.0- 34.9	628	0	4154	121	0	0	0	0	190
35.0- 39.9	2443	999	13292	1563	0	0	0	0	0
40.0- 44.9	0	0	730	0	0	0	0	0	0
55.0- 59.9	0	1	1	0	0	0	0	0	0
60.0- 64.9	0	4	3	0	0	0	0	0	0
65.0- 69.9	0	3	3	0	0	0	0	0	0
70.0- 74.9	0	1	1	0	0	0	0	0	0
75.0- 79.9	0	3	3	0	0	0	0	0	0
80.0- 84.9	0	4	3	0	0	0	0	0	0
85.0- 89.9	0	1	1	0	0	0	0	0	0
90.0- 94.9	0	2	2	0	0	0	0	0	0
95.0- 99.9	0	3	3	0	0	0	0	0	0
100.0-104.9	0	6	7	1	0	0	0	0	0
105.0-109.9	0	4	5	0	0	0	0	0	0
110.0-114.9	1	3	3	0	0	0	0	0	0
115.0-119.9	0	5	6	1	0	0	0	0	0
120.0-124.9	0	4	5	0	0	0	0	0	0
125.0-129.9	1	4	4	0	0	0	0	0	0
130.0-134.9	1	2	3	0	0	0	0	0	0
135.0-139.9	1	1	1	0	0	0	0	0	0
140.0-144.9	1	2	3	1	0	0	0	0	0
145.0-149.9	3	5	8	1	0	0	0	0	0
150.0-154.9	5	9	13	1	0	0	0	0	0
155.0-159.9	5	8	12	1	0	0	0	0	1
160.0-164.9	3	6	9	1	0	0	0	0	1
165.0-169.9	3	6	8	1	0	0	0	0	2
170.0-174.9	3	5	8	1	0	0	0	0	1
175.0-179.9	5	8	12	1	0	0	0	0	1
180.0-184.9	8	14	21	2	1	1	0	0	1
185.0-189.9	12	21	31	2	1	1	0	0	1
190.0-194.9	16	27	41	3	1	1	1	0	1
195.0-199.9	19	32	47	4	2	2	1	0	1
200.0-204.9	17	30	44	3	2	2	1	0	2
205.0-209.9	15	25	37	2	2	2	1	0	1
210.0-214.9	15	26	37	2	1	1	1	0	1
215.0-219.9	13	23	34	2	1	1	1	1	1
220.0-224.9	18	32	47	3	1	1	1	1	1
225.0-229.9	19	32	48	3	1	1	1	1	1
230.0-234.9	20	34	48	3	1	1	1	1	0
235.0-239.9	16	29	42	3	1	1	1	1	0
240.0-244.9	12	21	32	2	1	1	1	1	0
245.0-249.9	9	15	22	2	1	1	0	0	0
250.0-254.9	5	9	13	1	0	0	0	0	0
255.0-259.9	2	4	7	1	0	0	0	0	0
260.0-264.9	2	3	3	1	0	0	0	0	0
265.0-269.9	1	0	1	0	0	0	0	0	0
TOTAL # FISH	3320	1474	18853	1732	14	14	9	3	208
TOTAL CATCH(MT)	53	88	146	11	3	3	2	1	3
TASKI MT OR # FISH	53	88	146	11	3	3	2	1	3
# FISH(ORIG.REC)	4078.	1727.	.2270E+05	2216.	17.00	17.00	11.00	6.000	291.0
MT(ORIGINAL REC)	65.09	103.1	175.7	14.07	3.456	3.456	2.369	1.511	4.180
RAISING FACTOR	.8100	.8500	.8300	.7800	.8700	.8700	.8400	.6600	.7200
MEAN LENGTH (CM)	49.52	89.57	42.53	41.80	212.8	212.8	217.5	230.0	46.85
MEAN WEIGHT (KG)	15.96	59.68	7.740	6.350	203.3	203.3	215.4	251.8	14.36

AREA MEDI
COUNTRY ESPANA
GEAR PS

YEAR	81
QUARTER	3
50.0- 54.9	65
55.0- 59.9	4
60.0- 64.9	127
65.0- 69.9	39
70.0- 74.9	114
75.0- 79.9	1023
80.0- 84.9	131
85.0- 89.9	564
90.0- 94.9	888
95.0- 99.9	169
100.0-104.9	57
105.0-109.9	63
110.0-114.9	7
115.0-119.9	2
120.0-124.9	1
125.0-129.9	6
130.0-134.9	4
135.0-139.9	66
140.0-144.9	5
145.0-149.9	30
160.0-164.9	11
170.0-174.9	1
175.0-179.9	2
180.0-184.9	1
190.0-194.9	2
195.0-199.9	1
205.0-209.9	2
TOTAL # FISH	3382

AREA MEDI
COUNTRY ESPANA
GEAR BB

YEAR	81
QUARTER	4
55.0- 59.9	398
60.0- 64.9	1430
65.0- 69.9	1033
70.0- 74.9	423
75.0- 79.9	1483
80.0- 84.9	1696
85.0- 89.9	423
90.0- 94.9	207
95.0- 99.9	345
100.0-104.9	903
105.0-109.9	413
110.0-114.9	70
TOTAL # FISH	8820

TOTAL CATCH(MT)	100
TASKI MT OR # FISH	100
# FISH(ORIG.REC)	9644.
MT(ORIGINAL REC)	109.3
RAISING FACTOR	.9100
MEAN LENGTH (CM)	79.57
MEAN WEIGHT (KG)	11.34

TOTAL CATCH(MT)	50
TASKI MT OR # FISH	50
# FISH(ORIG.REC)	3606.
MT(ORIGINAL REC)	53.30
RAISING FACTOR	.9400
MEAN LENGTH (CM)	86.62
MEAN WEIGHT (KG)	14.78

AREA MEDI
COUNTRY ESPANA
GEAR SPOR

YEAR	75	77	78	79	80	81
QUARTER	3	3	3	3	3	3
25.0- 29.9	0	2481	2030	463	854	0
30.0- 34.9	0	49615	40595	11582	17750	435
35.0- 39.9	0	31010	25372	4632	17750	653
40.0- 44.9	0	12404	10149	1158	854	0
130.0-134.9	1	0	0	0	0	0
150.0-154.9	1	0	0	0	0	0
155.0-159.9	2	0	0	0	0	0
165.0-169.9	1	0	0	0	0	0
175.0-179.9	5	0	0	0	0	0
180.0-184.9	8	0	0	0	0	0
185.0-189.9	5	0	0	0	0	0
190.0-194.9	23	0	0	0	0	0
195.0-199.9	13	0	0	0	0	0
200.0-204.9	7	0	0	0	0	0
205.0-209.9	13	0	0	0	0	0
210.0-214.9	10	0	0	0	0	0
215.0-219.9	1	0	0	0	0	0
220.0-224.9	1	0	0	0	0	0
TOTAL # FISH	90	95510	78145	17835	37207	1087

TOTAL CATCH(MT)	14	88	72	15	33	1
TASKI MT OR # FISH	14	88	72	15	33	1
# FISH(ORIG.REC)	108.0	.8000E+05	.1200E+06	.3000E+05	.4356E+05	1000.
MT(ORIGINAL REC)	16.78	73.71	110.6	25.23	38.63	.9190
RAISING FACTOR	.8300	1.190	.6500	.5900	.8500	1.090
MEAN LENGTH (CM)	195.2	35.29	35.29	34.32	35.00	35.50
MEAN WEIGHT (KG)	155.3	.9200	.9200	.8400	.8900	.9200

AREA MEDI
COUNTRY TUNISIE Sidi Daoud
GEAR TRAP

YEAR	62	63	64	65	66	67	68	69	70	71	72
QUARTER	2	2	2	2	2	2	2	2	2	2	2
105.0-105.9	0	0	0	0	0	0	0	0	0	0	0
106.0-106.9	0	0	0	0	0	0	0	0	0	0	0
107.0-107.9	0	0	0	0	0	0	0	0	0	0	0
108.0-108.9	0	0	0	0	0	0	0	0	0	0	0
109.0-109.9	0	0	0	0	0	2	0	0	0	0	0
115.0-115.9	0	0	0	0	0	2	0	0	0	0	0
116.0-116.9	0	0	0	0	0	2	0	0	0	0	0
117.0-117.9	0	0	0	0	0	2	1	0	10	0	0
118.0-118.9	0	0	0	0	0	4	2	0	21	0	0
119.0-119.9	0	0	0	0	11	4	1	0	18	0	0
120.0-120.9	0	0	0	0	11	4	1	0	0	0	0
121.0-121.9	0	0	0	0	0	4	0	0	0	0	0
122.0-122.9	0	0	0	0	0	4	0	0	0	0	0
123.0-123.9	0	0	1	0	23	4	1	1	0	0	0
124.0-124.9	1	1	1	0	23	4	0	1	0	0	0
125.0-125.9	1	1	1	0	23	4	2	0	0	0	0
126.0-126.9	1	1	1	0	23	4	4	0	0	0	0
127.0-127.9	1	1	1	0	11	4	1	0	0	0	0
128.0-128.9	1	1	1	0	11	5	0	1	0	0	0
129.0-129.9	1	1	1	0	23	5	1	1	5	0	0
130.0-130.9	1	1	0	0	23	5	1	1	20	0	0
131.0-131.9	1	1	0	6	34	5	1	1	0	0	0
132.0-132.9	1	1	0	6	34	5	0	1	0	0	0
133.0-133.9	1	1	0	24	11	5	0	1	0	0	0
134.0-134.9	1	0	2	24	11	22	1	0	0	0	0
135.0-135.9	1	0	2	12	0	22	2	1	0	0	0
136.0-136.9	1	0	2	12	0	22	1	1	0	0	0
137.0-137.9	1	0	2	18	23	22	2	1	0	0	0
138.0-138.9	1	0	2	18	23	22	2	2	0	1	0
139.0-139.9	1	0	3	18	11	18	4	1	0	1	1
140.0-140.9	4	0	3	18	11	18	6	0	0	1	1
141.0-141.9	4	0	3	24	11	18	1	1	0	1	0
142.0-142.9	4	0	3	24	11	18	4	1	0	1	1
143.0-143.9	4	0	3	18	34	18	2	2	0	1	1
144.0-144.9	9	1	0	18	34	14	0	2	0	1	1
145.0-145.9	9	1	0	42	34	14	4	1	0	1	1
146.0-146.9	9	1	0	42	34	14	0	1	0	1	1
147.0-147.9	9	1	0	24	11	14	1	2	0	1	1
148.0-148.9	9	1	0	24	11	17	2	3	0	1	0
149.0-149.9	14	3	3	18	0	17	1	1	0	0	0
150.0-150.9	14	3	3	18	0	17	2	2	0	0	0
151.0-151.9	14	3	3	42	23	17	2	1	0	0	0
152.0-152.9	14	3	3	42	23	17	1	2	0	1	1
153.0-153.9	14	3	1	30	23	13	1	1	0	1	1
154.0-154.9	13	2	1	30	23	13	0	0	0	1	1
155.0-155.9	13	2	1	30	23	13	4	1	25	1	1
156.0-156.9	13	2	1	30	23	13	5	2	0	1	1
157.0-157.9	13	2	1	36	11	13	2	1	0	1	1
158.0-158.9	13	2	1	36	11	13	5	2	0	1	1
159.0-159.9	11	1	4	24	23	36	4	1	0	3	1
160.0-160.9	11	1	4	24	23	36	5	2	0	3	1
161.0-161.9	11	1	4	30	23	36	6	1	0	3	1
162.0-162.9	11	1	4	30	23	36	8	3	0	3	1
163.0-163.9	11	1	4	36	34	15	6	1	0	6	1
164.0-164.9	3	1	2	36	34	15	6	0	0	6	1
165.0-165.9	3	1	2	6	0	15	2	2	0	6	1
166.0-166.9	3	1	2	6	0	15	5	1	0	6	1
167.0-167.9	3	1	2	18	11	15	6	1	0	6	1
168.0-168.9	3	1	2	18	11	15	6	1	16	4	1
169.0-169.9	6	1	1	24	23	3	8	1	8	4	1
170.0-170.9	6	1	1	24	23	3	12	2	0	4	1
171.0-171.9	6	1	1	0	11	3	7	3	0	4	1
172.0-172.9	6	1	1	0	11	3	5	2	0	4	1
173.0-173.9	6	1	1	0	0	3	5	4	0	2	1
174.0-174.9	6	1	1	0	0	3	8	2	0	2	1
175.0-175.9	14	2	4	12	0	3	7	4	0	2	1
176.0-176.9	14	2	4	12	0	3	6	2	0	2	1
177.0-177.9	14	2	4	0	0	3	5	2	0	3	1
178.0-178.9	14	2	4	0	0	3	4	4	21	3	1
179.0-179.9	14	2	4	0	0	4	5	4	4	3	1
180.0-180.9	31	3	5	0	0	4	1	4	0	3	1
181.0-181.9	31	3	5	0	0	4	5	3	0	3	1
182.0-182.9	31	3	5	0	0	4	1	2	0	3	1
183.0-183.9	31	3	5	6	0	4	5	1	0	4	1
184.0-184.9	31	3	5	6	0	6	5	3	0	4	1
185.0-185.9	53	4	5	0	0	6	0	2	0	4	1
186.0-186.9	53	4	5	0	0	6	5	0	0	4	1
187.0-187.9	53	4	5	0	0	6	1	1	25	4	1
188.0-188.9	53	4	5	0	0	6	1	1	0	4	1
189.0-189.9	53	4	5	0	0	6	1	1	0	5	1
190.0-190.9	72	6	6	0	0	5	1	2	0	5	1
191.0-191.9	72	6	6	0	0	5	1	2	0	5	1
192.0-192.9	72	6	6	12	0	5	0	1	5	5	1
193.0-193.9	72	6	6	12	0	5	1	2	83	5	1
194.0-194.9	72	6	6	12	0	5	0	1	30	1	1
195.0-195.9	67	15	9	12	0	3	1	1	15	1	0
196.0-196.9	67	15	9	18	0	3	0	1	33	1	0
197.0-197.9	67	15	9	18	0	3	1	0	31	1	0
198.0-198.9	67	15	9	24	0	3	0	1	0	1	1
199.0-199.9	67	15	9	24	0	3	0	1	30	1	1
200.0-200.9	58	29	16	12	0	7	2	1	20	3	1
201.0-201.9	58	29	16	12	0	7	0	1	25	3	1
202.0-202.9	58	29	16	24	0	7	2	1	0	3	1
203.0-203.9	58	29	16	24	0	7	0	1	25	3	1
204.0-204.9	58	29	16	18	11	7	0	1	0	1	1
205.0-205.9	40	38	32	18	11	7	1	1	25	1	0
206.0-206.9	40	38	32	18	11	7	1	1	80	1	0
207.0-207.9	40	38	32	12	11	7	1	1	18	1	1
208.0-208.9	40	38	32	12	11	7	1	0	0	1	1
209.0-209.9	40	38	32	12	11	7	2	1	49	3	1
210.0-210.9	27	39	47	18	11	6	4	1			

211.0-211.9	27	39	47	18	11	6	2	1	74	3	1
212.0-212.9	27	39	47	6	11	6	0	1	49	3	1
213.0-213.9	27	39	47	6	11	6	2	0	0	3	1
214.0-214.9	27	39	47	36	23	6	1	1	0	3	1
215.0-215.9	19	32	51	36	23	10	5	1	37	3	1
216.0-216.9	19	32	51	42	34	10	4	1	37	3	1
217.0-217.9	19	32	51	42	34	10	4	3	25	3	1
218.0-218.9	19	32	51	42	23	10	5	2	49	3	1
219.0-219.9	19	32	51	42	23	10	2	2	0	3	1
220.0-220.9	15	22	49	24	23	7	4	1	49	4	1
221.0-221.9	15	22	49	24	23	7	5	2	25	4	1
222.0-222.9	15	22	49	18	0	7	4	3	0	4	2
223.0-223.9	15	22	49	18	0	7	4	3	0	4	2
224.0-224.9	15	22	49	24	23	7	4	3	41	4	1
225.0-225.9	9	14	38	24	23	12	6	3	70	2	1
226.0-226.9	9	14	38	24	11	12	1	3	12	2	1
227.0-227.9	9	14	38	24	11	12	5	4	0	2	1
228.0-228.9	9	14	38	12	11	12	4	3	0	2	1
229.0-229.9	9	14	38	12	11	12	4	2	0	2	1
230.0-230.9	3	10	28	24	11	14	8	3	0	3	1
231.0-231.9	3	10	28	24	11	14	2	4	0	3	1
232.0-232.9	3	10	28	6	11	14	4	3	0	3	1
233.0-233.9	3	10	28	6	11	14	5	5	25	3	1
234.0-234.9	3	10	28	12	11	14	6	3	0	3	1
235.0-235.9	5	6	13	12	11	15	2	3	0	8	2
236.0-236.9	5	6	13	6	23	15	2	3	0	8	2
237.0-237.9	5	6	13	6	23	15	2	3	0	8	2
238.0-238.9	5	6	13	30	11	15	6	4	0	8	2
239.0-239.9	5	6	13	30	11	15	2	4	0	8	2
240.0-240.9	2	4	12	6	0	12	5	3	0	9	2
241.0-241.9	2	4	12	6	0	12	4	4	0	9	2
242.0-242.9	2	4	12	36	11	12	5	5	0	9	2
243.0-243.9	2	4	12	36	11	12	2	2	25	9	2
244.0-244.9	2	4	12	30	0	12	2	3	0	9	2
245.0-245.9	2	1	6	30	0	6	4	4	0	13	3
246.0-246.9	2	1	6	30	11	6	2	2	0	13	3
247.0-247.9	2	1	6	30	11	6	6	6	0	13	3
248.0-248.9	2	1	6	30	0	6	4	4	0	13	3
249.0-249.9	2	1	6	30	0	6	4	2	0	13	3
250.0-250.9	0	1	2	36	0	8	8	4	0	9	2
251.0-251.9	0	1	2	36	0	8	5	2	0	9	2
252.0-252.9	0	1	2	36	0	8	7	6	0	9	2
253.0-253.9	0	1	2	36	0	8	4	2	0	9	2
254.0-254.9	0	1	2	48	0	8	4	4	0	9	2
255.0-255.9	0	1	1	48	0	9	4	2	0	9	2
256.0-256.9	0	1	1	72	0	9	4	4	0	9	2
257.0-257.9	0	1	1	72	0	9	5	2	0	9	2
258.0-258.9	0	1	1	36	0	9	2	4	0	9	2
259.0-259.9	0	1	1	36	0	9	2	4	0	9	2
260.0-260.9	0	1	0	30	0	1	1	2	0	4	1
261.0-261.9	0	1	0	30	0	1	1	3	0	4	1
262.0-262.9	0	1	0	18	0	1	2	3	0	4	1
263.0-263.9	0	1	0	18	0	1	0	3	0	4	1
264.0-264.9	0	1	0	18	0	1	2	3	0	4	1
265.0-265.9	0	0	0	18	0	4	0	3	0	4	1
266.0-266.9	0	0	0	0	0	4	1	3	0	4	1
267.0-267.9	0	0	0	0	0	4	0	3	0	4	1
268.0-268.9	0	0	0	0	0	4	0	0	0	4	1
269.0-269.9	0	0	0	0	0	4	0	0	0	4	1
270.0-270.9	0	0	0	0	0	1	1	0	0	2	0
271.0-271.9	0	0	0	0	0	1	0	2	0	2	0
272.0-272.9	0	0	0	0	0	1	0	2	0	2	0
273.0-273.9	0	0	0	0	0	1	0	1	0	2	0
274.0-274.9	0	0	0	0	0	1	0	0	0	2	0
275.0-275.9	0	0	0	0	0	1	0	1	0	1	0
276.0-276.9	0	0	0	0	0	1	0	0	0	1	0
277.0-277.9	0	0	0	0	0	1	0	1	0	1	0
278.0-278.9	0	0	0	0	0	1	0	0	0	1	0
279.0-279.9	0	0	0	0	0	1	0	0	0	1	0
TOTAL # FISH	2390	1194	1694	2800	1518	1439	434	285	1153	545	145

TOTAL CATCH(MT)	371	233	356	564	200	226	79	64	207	134	33
TASK1 MT OR # FISH	371	233	356	564	200	226	79	64	207	134	33
# FISH(ORIG.REC)	.3043E+05	.1076E+05	.1310E+05	233.0	67.00	1000.	360.0	515.0	47.00	1000.	1576.
MT(ORIGINAL REC)	4722.	2099.	2751.	46.92	8.827	156.9	65.45	115.6	8.434	245.9	357.1
RAISING FACTOR	.8000E-01	.1100	.1300	12.02	22.66	1.440	1.210	.5500	24.54	.5500	.9000E-01
MEAN LENGTH (CM)	194.2	209.9	215.0	205.6	177.1	187.5	199.1	214.8	202.9	223.2	215.9
MEAN WEIGHT (KG)	155.2	195.0	210.1	201.4	131.7	156.9	181.8	224.3	179.4	245.9	226.6

AREA MEDI
COUNTRY TUNISIE Sidi Daoud
GEAR TRAP

YEAR	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2
90.0- 90.9	0	0	0	0	0	0	0	0	0
91.0- 91.9	0	0	0	0	0	0	0	0	0
92.0- 92.9	0	0	0	0	0	0	0	0	0
93.0- 93.9	0	0	0	0	0	0	0	0	0
94.0- 94.9	0	0	0	0	0	0	0	0	1
95.0- 95.9	0	0	0	0	0	0	0	0	1
96.0- 96.9	0	0	0	0	0	0	0	0	1
97.0- 97.9	0	0	0	0	0	0	0	0	1
98.0- 98.9	0	0	0	0	0	0	0	0	1
99.0- 99.9	0	0	0	0	0	0	0	0	1
100.0-100.9	0	0	0	0	0	0	0	0	2
101.0-101.9	0	0	0	0	0	0	0	0	2
102.0-102.9	0	0	0	0	0	0	0	0	2
103.0-103.9	0	0	0	0	0	0	0	0	2
104.0-104.9	0	0	0	0	0	0	0	0	2
105.0-105.9	0	0	0	0	0	0	0	0	2
106.0-106.9	0	0	0	0	0	0	0	0	2
107.0-107.9	0	0	0	0	0	0	0	0	2
108.0-108.9	0	0	0	0	0	0	0	0	2
109.0-109.9	0	0	0	0	0	0	0	0	2
110.0-110.9	0	0	0	0	0	0	0	0	2
111.0-111.9	0	0	0	0	0	0	0	0	2
112.0-112.9	0	0	0	0	0	0	0	0	2
113.0-113.9	0	0	0	0	0	0	0	0	2
114.0-114.9	0	0	0	0	0	0	0	0	1
115.0-115.9	0	0	0	0	0	0	0	0	1
116.0-116.9	0	0	0	0	0	0	0	0	1
117.0-117.9	0	0	0	0	0	0	0	0	1
118.0-118.9	0	0	1	0	0	0	0	0	2
119.0-119.9	0	0	1	0	0	0	2	0	2
120.0-120.9	0	0	0	0	0	0	0	1	2
121.0-121.9	0	0	0	0	0	0	0	1	2
122.0-122.9	0	0	1	0	0	0	0	0	2
123.0-123.9	0	0	1	0	0	0	0	0	2
124.0-124.9	0	0	1	0	0	0	0	0	2
125.0-125.9	0	0	1	0	0	0	5	0	2
126.0-126.9	0	0	1	0	0	0	0	1	3
127.0-127.9	0	0	1	0	0	0	0	1	3
128.0-128.9	0	0	1	0	0	0	0	0	2
129.0-129.9	0	0	1	0	0	0	0	0	2
130.0-130.9	0	0	1	0	0	0	2	0	2
131.0-131.9	0	0	1	0	0	0	0	0	2
132.0-132.9	0	1	2	0	0	0	0	1	1
133.0-133.9	0	1	2	0	0	0	0	1	1
134.0-134.9	0	0	1	0	0	0	15	0	2
135.0-135.9	0	0	1	0	0	0	0	0	2
136.0-136.9	0	1	2	0	0	0	4	0	1
137.0-137.9	0	1	2	0	0	0	0	0	1
138.0-138.9	0	0	1	0	0	0	6	1	1
139.0-139.9	0	0	1	0	0	0	5	1	1
140.0-140.9	0	1	2	1	1	0	0	1	1
141.0-141.9	0	1	2	1	1	0	1	1	1
142.0-142.9	0	1	2	1	1	0	0	0	1
143.0-143.9	0	1	2	1	1	0	59	0	1
144.0-144.9	0	1	2	1	1	0	6	0	1
145.0-145.9	0	1	2	1	1	0	0	0	1
146.0-146.9	0	1	2	1	1	0	8	0	1
147.0-147.9	0	1	2	1	1	0	0	0	1
148.0-148.9	0	1	3	1	1	0	0	0	1
149.0-149.9	0	1	3	1	1	0	0	0	1
150.0-150.9	0	1	2	1	1	0	11	1	1
151.0-151.9	0	1	2	1	1	0	2	1	1
152.0-152.9	0	1	2	1	2	0	2	1	1
153.0-153.9	0	1	2	1	2	0	0	1	1
154.0-154.9	0	1	2	1	2	1	13	1	1
155.0-155.9	0	1	2	1	2	1	0	1	1
156.0-156.9	0	1	2	1	3	1	0	1	2
157.0-157.9	0	1	2	1	3	1	22	1	2
158.0-158.9	0	1	2	1	2	1	0	0	1
159.0-159.9	0	1	2	1	2	1	3	0	1
160.0-160.9	0	1	2	1	2	1	7	1	1
161.0-161.9	0	1	2	1	2	1	2	1	1
162.0-162.9	1	1	3	1	2	2	0	0	1
163.0-163.9	1	1	3	1	2	2	17	0	1
164.0-164.9	0	1	2	1	3	0	2	0	1
165.0-165.9	1	2	2	1	3	0	1	0	1
166.0-166.9	1	2	1	1	2	0	9	0	1
167.0-167.9	1	2	1	1	2	0	2	0	1
168.0-168.9	1	2	2	1	3	1	0	1	2
169.0-169.9	1	2	2	1	3	1	29	1	2
170.0-170.9	1	1	1	1	2	1	0	0	3
171.0-171.9	1	1	1	1	2	1	0	0	3
172.0-172.9	1	1	2	1	1	1	11	1	2
173.0-173.9	1	1	2	1	1	1	3	1	2
174.0-174.9	1	1	1	1	2	2	22	1	2
175.0-175.9	0	1	1	1	2	2	1	1	2
176.0-176.9	0	1	1	1	1	1	1	1	1
177.0-177.9	0	1	1	1	1	1	9	1	1
178.0-178.9	0	1	1	0	1	2	0	1	2
179.0-179.9	0	1	1	0	1	2	0	1	2
180.0-180.9	1	2	4	1	0	0	15	1	2
181.0-181.9	1	2	4	1	0	0	0	1	2
182.0-182.9	0	1	2	0	1	1	4	1	3
183.0-183.9	0	1	2	0	1	1	0	1	3
184.0-184.9	1	1	3	1	0	1	19	1	2
185.0-185.9	1	2	3	1	0	1	0	1	2
186.0-186.9	1	1	1	0	1	2	0	1	2
187.0-187.9	1	1	1	0	1	2	21	1	2
188.0-188.9	1	2	3	1	0	0	0	1	2
189.0-189.9	1	2	3	1	0	0	7	1	2
190.0-190.9	1	2	2	0	0	1	0	1	3

191.0-191.9	1	2	2	0	0				
192.0-192.9	1	2	2	0	0	2	0		
193.0-193.9	1	2	2	0	0	2	20	1	
194.0-194.9	1	2	2	0	0	1	0	1	2
195.0-195.9	0	1	2	0	0	1	0	1	2
196.0-196.9	0	1	1	0	0	2	2	1	2
197.0-197.9	0	1	1	0	0	2	0	1	2
198.0-198.9	0	1	1	0	0	1	6	1	3
199.0-199.9	0	1	1	0	0	1	0	1	3
200.0-200.9	1	1	2	0	0	1	8	1	2
201.0-201.9	1	1	2	0	0	1	1	1	2
202.0-202.9	0	1	1	0	1	1	7	1	2
203.0-203.9	0	1	1	0	1	1	0	1	2
204.0-204.9	0	1	1	0	0	2	0	3	3
205.0-205.9	0	0	1	0	0	2	0	3	3
206.0-206.9	0	1	1	0	0	3	8	4	2
207.0-207.9	0	1	1	0	0	3	2	4	2
208.0-208.9	0	1	2	0	0	2	0	3	2
209.0-209.9	0	1	2	0	0	2	4	3	2
210.0-210.9	0	1	1	1	1	1	0	1	2
211.0-211.9	0	1	1	1	1	1	0	1	2
212.0-212.9	0	1	1	1	1	2	0	3	3
213.0-213.9	0	1	1	1	1	2	17	3	3
214.0-214.9	0	1	1	1	2	2	0	2	4
215.0-215.9	0	1	1	1	2	2	2	2	4
216.0-216.9	0	1	2	1	1	1	13	4	3
217.0-217.9	0	1	2	1	1	1	0	4	3
218.0-218.9	0	1	1	1	1	1	1	3	5
219.0-219.9	0	1	1	1	1	1	0	3	5
220.0-220.9	1	1	2	1	2	3	6	2	3
221.0-221.9	1	1	2	1	2	3	0	2	3
222.0-222.9	1	2	5	1	1	3	0	2	3
223.0-223.9	1	2	5	1	1	3	7	2	3
224.0-224.9	1	2	3	1	2	3	0	3	3
225.0-225.9	0	1	3	1	2	3	1	3	
226.0-226.9	1	1	4	1	2	1	2	5	5
227.0-227.9	1	1	4	1	2	1	0	5	5
228.0-228.9	1	1	4	1	2	1	1	3	3
229.0-229.9	1	1	4	1	2	1	9	3	3
230.0-230.9	1	2	3	2	3	2	0	2	2
231.0-231.9	1	2	3	2	3	2	0	2	2
232.0-232.9	1	2	5	2	3	1	3	3	3
233.0-233.9	1	2	5	2	3	1	0	3	3
234.0-234.9	1	2	5	2	3	3	0	4	2
235.0-235.9	1	3	5	2	3	3	7	4	2
236.0-236.9	1	3	5	2	2	3	0	5	2
237.0-237.9	1	3	5	2	2	3	0	5	2
238.0-238.9	1	3	5	2	3	4	6	5	2
239.0-239.9	1	3	5	2	3	4	0	5	
240.0-240.9	1	3	3	2	4	3	1	4	
241.0-241.9	1	3	3	2	4	3	5	4	
242.0-242.9	1	3	4	2	4	2	0	5	1
243.0-243.9	1	3	4	2	4	2	0	5	1
244.0-244.9	1	3	3	2	4	4	7	4	1
246.0-246.9	2	4	4	2	5	4	1	4	
247.0-247.9	2	4	4	2	5	4	0	4	2
248.0-248.9	2	4	4	1	2	3	0	2	1
249.0-249.9	2	4	4	1	2	3	4	2	1
250.0-250.9	1	3	3	2	4	5	0	3	1
251.0-251.9	1	3	3	2	4	5	0	3	1
252.0-252.9	1	3	3	2	3	6	1	2	2
253.0-253.9	1	3	3	2	3	6	0	2	2
254.0-254.9	1	3	2	2	4	4	3	2	1
255.0-255.9	1	3	2	2	4	4	0	2	1
256.0-256.9	1	2	1	1	3	2	0	4	0
257.0-257.9	1	2	1	1	3	2	0	4	0
258.0-258.9	1	3	2	2	3	1	0	5	1
259.0-259.9	1	3	2	2	3	1	0	5	1
260.0-260.9	0	1	1	1	3	2	0	2	1
261.0-261.9	0	1	1	1	3	2	1	2	1
262.0-262.9	0	1	1	1	2	1	0	2	1
263.0-263.9	0	1	1	1	2	1	0	2	1
264.0-264.9	0	1	1	1	2	2	0	1	1
265.0-265.9	0	1	1	1	2	2	0	1	1
266.0-266.9	0	1	1	1	2	1	0	1	1
267.0-267.9	0	1	1	1	2	1	0	1	1
268.0-268.9	0	1	1	1	3	1	0	1	0
269.0-269.9	0	1	1	1	3	1	0	1	0
270.0-270.9	0	1	0	1	2	2	0	0	0
271.0-271.9	0	1	0	1	2	2	0	0	0
272.0-272.9	0	1	0	1	2	3	0	0	1
273.0-273.9	0	1	0	1	2	3	0	0	1
274.0-274.9	0	1	0	1	1	2	0	0	0
275.0-275.9	0	0	0	1	1	2	0	0	0
276.0-276.9	0	0	0	0	1	1	0	0	0
277.0-277.9	0	0	0	0	1	1	0	0	0
278.0-278.9	0	0	0	0	0	1	0	0	0
279.0-279.9	0	0	0	0	0	1	0	0	0
280.0-280.9	0	0	0	0	0	1	0	0	0
281.0-281.9	0	0	0	0	0	1	0	0	0
282.0-282.9	0	0	0	0	1	0	0	0	0
283.0-283.9	0	0	0	0	1	0	0	0	0
284.0-284.9	0	0	0	0	0	0	0	0	0
285.0-285.9	0	0	0	0	0	0	0	0	0
286.0-286.9	0	0	0	0	0	0	0	0	0
287.0-287.9	0	0	0	0	0	0	0	0	0
288.0-288.9	0	0	0	0	0	0	0	0	0
289.0-289.9	0	0	0	0	0	0	0	0	0
292.0-292.9	0	0	0	0	0	0	0	0	0
293.0-293.9	0	0	0	0	0	0	0	0	0
294.0-294.9	0	0	0	0	0	0	0	0	0
295.0-295.9	0	0	0	0	0	0	0	0	0
296.0-296.9	0	0	0	0	0	0	0	0	0
297.0-297.9	0	0	0	0	0	0	0	0	0
298.0-298.9	0	0	0	0	0	0	0	0	0
299.0-299.9	0	0	0	0	0	0	0	0	0
302.0-302.9	0	0	0	0	0	0	0	0	0
303.0-303.9	0	0	0	0	0	0	0	0	0
306.0-308.9	0	0	0	0	0	0	0	0	0
309.0-309.9	0	0	0	0	0	0	0	0	0
TOTAL # FISH	79	198	310	130	243	228	503	248	309

TOTAL CATCH(MT)	18	45	60	30	60	60	65	60	49
TASK1 MT OR # FISH	18	45	60	30	60	60	65	60	49
# FISH(ORIG.REC)	1576.	1576.	576.0	1830.	1254.	644.0	548.0	780.0	1903.
MT(ORIGINAL REC)	357.1	357.1	111.2	420.5	309.3	168.8	70.72	188.2	301.4
RAISING FACTOR	.5000E-01	.1300	.5400	.7000E-01	.1900	.3600	.9200	.3300	.1600
MEAN LENGTH (CM)	215.9	215.9	203.2	215.4	221.0	229.0	178.9	222.4	186.3
MEAN WEIGHT (KG)	226.8	226.8	193.1	229.8	246.7	262.2	129.1	241.3	158.4

AREA MEDI
COUNTRY TUN.MON.
GEAR TRAP

YEAR	62	63	64	65	66	67	68	69	70	71	72
QUARTER	2	2	2	2	2	2	2	2	2	2	2
25.0- 29.9	0	7955	0	0	0	0	0	0	0	0	0
30.0- 34.9	2290	31821	38	82	28884	19944	39900	0	11200	20761	0
35.0- 39.9	16739	0	1000	0	28884	39888	72282	146	0	80782	14085
40.0- 44.9	0	0	0	0	10260	6648	0	0	0	0	0
45.0- 49.9	0	0	0	0	0	3238	0	0	0	0	0
55.0- 59.9	9	1	50	109	46	7	0	21	64	0	12
60.0- 64.9	0	4	180	368	173	27	0	75	255	0	60
65.0- 69.9	0	3	130	266	127	20	0	54	191	0	48
70.0- 74.9	5	1	38	79	35	7	0	14	64	0	12
75.0- 79.9	5	3	128	263	127	20	0	21	191	0	48
80.0- 84.9	0	4	153	316	150	27	0	64	223	0	60
85.0- 89.9	5	1	38	79	35	7	0	14	64	0	12
90.0- 94.9	5	2	25	28	35	13	0	18	0	0	24
95.0- 99.9	14	3	40	47	46	20	0	29	0	0	36
100.0-104.9	9	7	108	120	139	47	0	71	96	0	84
105.0-109.9	14	4	68	109	92	27	0	50	64	0	60
110.0-114.9	37	2	28	110	58	13	0	29	127	27	36
115.0-119.9	18	5	78	118	104	33	0	57	64	0	72
120.0-124.9	60	4	68	107	92	40	0	50	64	0	60
125.0-129.9	124	7	38	123	81	13	0	39	159	27	60
130.0-134.9	69	9	10	44	35	7	0	18	127	27	24
TOTAL # FISH	19399	39833	2212	2366	69402	70043	112181	770	12949	101623	14795

TOTAL CATCH(MT)	33	27	20	37	93	81	105	13	41	104	31
TASKI MT OR # FISH	33	27	20	37	93	81	105	13	41	104	31
# FISH(ORIG.REC)	4236.	.1545E+06	885.0	1523.	6007.	.1054E+05	1552.	216.0	407.0	3774.	1229.
MT(ORIGINAL REC)	7.206	104.7	8.001	23.81	8.049	12.18	1.453	3.642	1.289	3.862	2.575
RAISING FACTOR	4.580	.2600	2.500	1.550	11.55	6.650	72.28	3.570	31.82	26.93	12.04
MEAN LENGTH (CM)	38.47	31.61	63.79	84.88	37.24	37.29	35.72	84.05	40.40	36.55	40.43
MEAN WEIGHT (KG)	1.700	.6800	9.040	15.63	1.340	1.160	.9400	16.86	[illegible]	[illegible]	[illegible]

AREA [illegible]
COUNTRY TUN.MON.
GEAR TRAP

YEAR	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2
30.0- 34.9	7257	16649	8752	7471	12807	12807	16103	14639	11956
35.0- 39.9	23224	53278	28005	23907	40983	40983	0	0	0
40.0- 44.9	1276	2927	1539	1313	2252	2252	0	0	0
55.0- 59.9	2	3	2	2	3	3	0	0	0
60.0- 64.9	6	13	7	6	10	10	0	0	0
65.0- 69.9	4	10	5	5	8	8	0	0	0
70.0- 74.9	2	3	2	2	3	3	0	0	0
75.0- 79.9	4	10	5	5	8	8	0	0	0
80.0- 84.9	4	10	5	5	8	8	0	0	0
85.0- 89.9	2	3	2	2	3	3	0	0	0
90.0- 94.9	3	7	4	3	5	5	0	0	0
95.0- 99.9	4	10	5	5	8	8	0	0	0
100.0-104.9	12	27	14	12	21	21	0	0	0
105.0-109.9	9	20	11	9	15	15	0	0	0
110.0-114.9	6	13	7	6	10	10	0	0	0
115.0-119.9	10	23	12	11	18	18	0	0	0
120.0-124.9	9	20	11	9	15	15	0	0	0
125.0-129.9	7	17	9	8	13	13	608	552	451
130.0-134.9	4	10	5	5	8	8	608	552	451
TOTAL # FISH	31843	73053	38399	32780	56194	56194	17317	15743	12857

TOTAL CATCH(MT)	34	78	41	35	60	60	66	60	49
TASKI MT OR # FISH	34	78	41	35	60	60	66	60	49
# FISH(ORIG.REC)	.2194E+05	.2194E+05	.2194E+05	.2194E+05	.2194E+05	.2194E+05	285.0	285.0	285.0
MT(ORIGINAL REC)	23.42	23.42	23.42	23.42	23.42	23.42	1.086	1.086	1.086
RAISING FACTOR	1.450	3.330	1.750	1.490	2.560	2.560	60.76	55.24	45.11
MEAN LENGTH (CM)	36.74	36.74	36.74	36.74	36.74	36.74	39.34	39.34	39.34
MEAN WEIGHT (KG)	1.070	1.070	1.070	1.070	1.070	1.070	3.810	3.810	3.810

AREA MEDI
COUNTRY TURKEY
GEAR UNCL

YEAR	60	61	62	63	64	65	66
QUARTER	2	2	2	2	2	2	2
115.0-115.9	0	0	0	0	0	0	0
116.0-116.9	0	0	0	0	0	0	0
117.0-117.9	0	0	0	0	0	0	0
118.0-118.9	0	0	0	0	0	0	0
119.0-119.9	0	0	0	0	0	0	0
120.0-120.9	0	0	0	0	0	0	6
121.0-121.9	0	0	0	0	0	0	6
122.0-122.9	0	0	0	0	0	0	0
123.0-123.9	0	0	0	0	0	0	0
124.0-124.9	0	0	0	0	0	0	11
125.0-125.9	1	1	0	0	0	0	11
126.0-126.9	1	1	0	0	0	0	11
127.0-127.9	1	1	0	0	0	0	11
128.0-128.9	1	1	0	0	0	0	6
129.0-129.9	1	1	0	0	0	0	6
130.0-130.9	1	1	1	0	0	0	11
131.0-131.9	1	1	1	0	0	0	11
132.0-132.9	1	1	1	0	0	1	17
133.0-133.9	1	1	1	0	0	1	17
134.0-134.9	1	1	1	0	0	4	6
135.0-135.9	0	0	0	0	0	4	6
136.0-136.9	0	0	0	0	0	2	0
137.0-137.9	0	0	0	0	0	2	0
138.0-138.9	0	0	0	0	0	3	11
139.0-139.9	0	0	0	0	0	3	11
140.0-140.9	3	3	2	0	0	3	6
141.0-141.9	3	3	2	0	0	3	6
142.0-142.9	3	3	2	0	0	4	6
143.0-143.9	3	3	2	0	0	4	6
144.0-144.9	3	3	2	0	0	3	17
145.0-145.9	7	7	5	1	0	3	17
146.0-146.9	7	7	5	1	0	8	17
147.0-147.9	7	7	5	1	0	8	17
148.0-148.9	7	7	5	1	0	4	6
149.0-149.9	7	7	5	1	0	4	6
150.0-150.9	12	12	8	1	0	3	0
151.0-151.9	12	12	8	1	0	3	0
152.0-152.9	12	12	8	1	0	8	11
153.0-153.9	12	12	8	1	0	8	11
154.0-154.9	12	12	8	1	0	5	11
155.0-155.9	10	10	7	1	0	5	11
156.0-156.9	10	10	7	1	0	5	11
157.0-157.9	10	10	7	1	0	5	11
158.0-158.9	10	10	7	1	0	6	6
159.0-159.9	10	10	7	1	0	6	6
160.0-160.9	9	9	6	0	0	4	11
161.0-161.9	9	9	6	0	0	4	11
162.0-162.9	9	9	6	0	0	5	11
163.0-163.9	9	9	6	0	0	5	11
164.0-164.9	9	9	6	0	0	6	17
165.0-165.9	3	3	2	0	0	6	17
166.0-166.9	3	3	2	0	0	1	0
167.0-167.9	3	3	2	0	0	1	0
168.0-168.9	3	3	2	0	0	3	6
169.0-169.9	3	3	2	0	0	3	6
170.0-170.9	5	5	3	1	0	4	11
171.0-171.9	5	5	3	1	0	4	11
172.0-172.9	5	5	3	1	0	0	6
173.0-173.9	5	5	3	1	0	0	6
174.0-174.9	5	5	3	1	0	0	0
175.0-175.9	11	11	7	1	0	0	0
176.0-176.9	11	11	7	1	0	2	0
177.0-177.9	11	11	7	1	0	2	0
178.0-178.9	11	11	7	1	0	0	0
179.0-179.9	11	11	7	1	0	0	0
180.0-180.9	25	25	17	1	0	0	0
181.0-181.9	25	25	17	1	0	0	0
182.0-182.9	25	25	17	1	0	0	0
183.0-183.9	25	25	17	1	0	0	0
184.0-184.9	25	25	17	1	0	1	0
185.0-185.9	43	43	29	2	0	1	0
186.0-186.9	43	43	29	2	0	0	0
187.0-187.9	43	43	29	2	0	0	0
188.0-188.9	43	43	29	2	0	0	0
189.0-189.9	43	43	29	2	0	0	0
190.0-190.9	58	58	39	3	0	0	0
191.0-191.9	58	58	39	3	0	0	0
192.0-192.9	58	58	39	3	0	2	0
193.0-193.9	58	58	39	3	0	2	0
194.0-194.9	58	58	39	3	0	2	0
195.0-195.9	54	54	36	7	0	2	0
196.0-196.9	54	54	36	7	0	3	0
197.0-197.9	54	54	36	7	0	3	0
198.0-198.9	54	54	36	7	0	4	0
199.0-199.9	54	54	36	7	0	4	0
200.0-200.9	47	47	31	12	0	2	0

201.0-201.9	47	47	31	12	0	2	0
202.0-202.9	47	47	31	12	0	4	0
203.0-203.9	47	47	31	12	0	4	0
204.0-204.9	47	47	31	12	0	3	6
205.0-205.9	33	33	22	16	0	3	6
206.0-206.9	33	33	22	16	0	3	6
207.0-207.9	33	33	22	16	0	3	6
208.0-208.9	33	33	22	16	0	2	6
209.0-209.9	33	33	22	16	0	2	6
210.0-210.9	22	22	15	17	0	3	6
211.0-211.9	22	22	15	17	0	3	6
212.0-212.9	22	22	15	17	0	1	6
213.0-213.9	22	22	15	17	0	1	6
214.0-214.9	22	22	15	17	0	6	11
215.0-215.9	15	15	10	14	0	6	11
216.0-216.9	15	15	10	14	0	8	17
217.0-217.9	15	15	10	14	0	8	17
218.0-218.9	15	15	10	14	0	8	11
219.0-219.9	15	15	10	14	0	8	11
220.0-220.9	12	12	8	10	0	4	11
221.0-221.9	12	12	8	10	0	4	11
222.0-222.9	12	12	8	10	0	3	0
223.0-223.9	12	12	8	10	0	3	0
224.0-224.9	12	12	8	10	0	4	11
225.0-225.9	7	7	5	6	0	4	11
226.0-226.9	7	7	5	6	0	4	6
227.0-227.9	7	7	5	6	0	4	6
228.0-228.9	7	7	5	6	0	2	6
229.0-229.9	7	7	5	6	0	2	6
230.0-230.9	2	2	1	4	0	4	6
231.0-231.9	2	2	1	4	0	4	6
232.0-232.9	2	2	1	4	0	1	6
233.0-233.9	2	2	1	4	0	1	6
234.0-234.9	2	2	1	4	0	2	6
235.0-235.9	4	4	3	3	0	2	6
236.0-236.9	4	4	3	3	0	1	11
237.0-237.9	4	4	3	3	0	1	11
238.0-238.9	4	4	3	3	0	5	6
239.0-239.9	4	4	3	3	0	5	6
240.0-240.9	2	2	1	2	0	1	0
241.0-241.9	2	2	1	2	0	1	0
242.0-242.9	2	2	1	2	0	6	6
243.0-243.9	2	2	1	2	0	6	6
244.0-244.9	2	2	1	2	0	5	0
245.0-245.9	1	1	1	1	0	5	0
246.0-246.9	1	1	1	1	0	5	6
247.0-247.9	1	1	1	1	0	5	6
248.0-248.9	1	1	1	1	0	5	0
249.0-249.9	1	1	1	1	0	5	0
250.0-250.9	0	0	0	0	0	6	0
251.0-251.9	0	0	0	0	0	6	0
252.0-252.9	0	0	0	0	0	6	0
253.0-253.9	0	0	0	0	0	6	0
254.0-254.9	0	0	0	0	0	9	0
255.0-255.9	0	0	0	0	0	9	0
256.0-256.9	0	0	0	0	0	13	0
257.0-257.9	0	0	0	0	0	13	0
258.0-258.9	0	0	0	0	0	6	0
259.0-259.9	0	0	0	0	0	6	0
260.0-260.9	0	0	0	0	0	5	0
261.0-261.9	0	0	0	0	0	5	0
262.0-262.9	0	0	0	0	0	3	0
263.0-263.9	0	0	0	0	0	3	0
264.0-264.9	0	0	0	0	0	3	0
265.0-265.9	0	0	0	0	0	3	0
266.0-266.9	0	0	0	0	0	0	0
267.0-267.9	0	0	0	0	0	0	0
268.0-268.9	0	0	0	0	0	0	0
269.0-269.9	0	0	0	0	0	0	0
TOTAL # FISH	1933	1933	1288	512	0	496	759

TOTAL CATCH(MT)	300	300	200	100	0	100	100
TASK I MT OR # FISH	300	300	200	100	0	100	100
# FISH(ORIG.REC)	.3043E+05	.3043E+05	.3043E+05	.1076E+05	.1310E+05	233.0	67.00
MT(ORIGINAL REC)	4722.	4722.	4722.	2099.	2751.	46.92	8.827
RAISING FACTOR	.6000E-01	.6000E-01	.4000E-01	.5000E-01	0.	2.130	11.33
MEAN LENGTH (CM)	194.2	194.2	194.2	209.9	215.0	205.6	177.1
MEAN WEIGHT (KG)	155.2	155.2	155.2	195.0	210.1	201.4	131.7

AREA MEDI
COUNTRY TURKEY
GEAR UNCL

YEAR	67	68
QUARTER	1	1
85.0- 85.9	3	0
86.0- 86.9	3	0
87.0- 87.9	3	0
88.0- 88.9	3	0
89.0- 89.9	3	0
90.0- 90.9	8	0
91.0- 91.9	8	0
92.0- 92.9	8	0
93.0- 93.9	8	0
94.0- 94.9	8	0
95.0- 95.9	7	0
96.0- 96.9	7	0
97.0- 97.9	7	0
98.0- 98.9	7	0
99.0- 99.9	7	0
100.0-100.9	2	0
101.0-101.9	2	0
102.0-102.9	2	0
103.0-103.9	2	0
104.0-104.9	2	0
105.0-105.9	0	0
106.0-106.9	0	0
107.0-107.9	0	0
108.0-108.9	0	0
109.0-109.9	0	0
110.0-110.9	0	1
111.0-111.9	0	1
112.0-112.9	0	1
113.0-113.9	0	1
114.0-114.9	0	1
115.0-115.9	0	2
116.0-116.9	0	2
117.0-117.9	0	2
118.0-118.9	0	2
119.0-119.9	0	2
120.0-120.9	0	2
121.0-121.9	0	2
122.0-122.9	0	2
123.0-123.9	0	2
124.0-124.9	0	2
125.0-125.9	0	1
126.0-126.9	0	1
127.0-127.9	0	1
128.0-128.9	0	1
129.0-129.9	0	1
130.0-130.9	0	1
131.0-131.9	0	1
132.0-132.9	0	1
133.0-133.9	0	1
134.0-134.9	0	1
135.0-135.9	0	1
136.0-136.9	0	1
137.0-137.9	0	1
138.0-138.9	0	1
139.0-139.9	0	1
140.0-140.9	2	1
141.0-141.9	2	1
142.0-142.9	2	1
143.0-143.9	2	1
144.0-144.9	2	1
145.0-145.9	3	1
146.0-146.9	3	1
147.0-147.9	3	1
148.0-148.9	3	1
149.0-149.9	3	1
150.0-150.9	3	2
151.0-151.9	3	2
152.0-152.9	3	2
153.0-153.9	3	2
154.0-154.9	3	2
155.0-155.9	5	3
156.0-156.9	5	3
157.0-157.9	5	3
158.0-158.9	5	3
159.0-159.9	5	3
160.0-160.9	7	4
161.0-161.9	7	4
162.0-162.9	7	4
163.0-163.9	7	4
164.0-164.9	7	4
165.0-165.9	10	4
166.0-166.9	10	4
167.0-167.9	10	4
168.0-168.9	10	4
169.0-169.9	10	4
170.0-170.9	11	4
171.0-171.9	11	4
172.0-172.9	11	4
173.0-173.9	11	4
174.0-174.9	11	4
175.0-175.9	14	4
176.0-176.9	14	4
177.0-177.9	14	4
178.0-178.9	14	4
179.0-179.9	14	4
180.0-180.9	22	4
181.0-181.9	22	4
182.0-182.9	22	4
183.0-183.9	22	4
184.0-184.9	22	4
185.0-185.9	34	4
186.0-186.9	34	4
187.0-187.9	34	4
188.0-188.9	34	4
189.0-189.9	34	4
190.0-190.9	39	6
191.0-191.9	39	6
192.0-192.9	39	6
193.0-193.9	39	6
194.0-194.9	39	6
195.0-195.9	51	6
196.0-196.9	51	6
197.0-197.9	51	6
198.0-198.9	51	6
199.0-199.9	51	6
200.0-200.9	64	6
201.0-201.9	64	6
202.0-202.9	64	6
203.0-203.9	64	6
204.0-204.9	64	6
205.0-205.9	60	6
206.0-206.9	60	6
207.0-207.9	60	6
208.0-208.9	60	6
209.0-209.9	60	6
210.0-210.9	66	8
211.0-211.9	66	8
212.0-212.9	66	8
213.0-213.9	66	8
214.0-214.9	66	8
215.0-215.9	76	10
216.0-216.9	76	10
217.0-217.9	76	10
218.0-218.9	76	10
219.0-219.9	76	10
220.0-220.9	77	13
221.0-221.9	77	13
222.0-222.9	77	13
223.0-223.9	77	13
224.0-224.9	77	13
225.0-225.9	74	15
226.0-226.9	74	15
227.0-227.9	74	15
228.0-228.9	74	15
229.0-229.9	74	15
230.0-230.9	69	14
231.0-231.9	69	14
232.0-232.9	69	14
233.0-233.9	69	14
234.0-234.9	69	14
235.0-235.9	69	12
236.0-236.9	69	12
237.0-237.9	69	12
238.0-238.9	69	12
239.0-239.9	69	12
240.0-240.9	55	12
241.0-241.9	55	12
242.0-242.9	55	12
243.0-243.9	55	12
244.0-244.9	55	12
245.0-245.9	108	14
246.0-246.9	108	14
247.0-247.9	108	14
248.0-248.9	108	14
249.0-249.9	108	14
250.0-250.9	86	15
251.0-251.9	86	15
252.0-252.9	86	15
253.0-253.9	86	15
254.0-254.9	86	15
255.0-255.9	58	13
256.0-256.9	58	13
257.0-257.9	58	13
258.0-258.9	58	13
259.0-259.9	58	13
260.0-260.9	40	9
261.0-261.9	40	9
262.0-262.9	40	9
263.0-263.9	40	9
264.0-264.9	40	9
265.0-265.9	29	8
266.0-266.9	29	8
267.0-267.9	29	8
268.0-268.9	29	8
269.0-269.9	29	8
270.0-270.9	13	9
271.0-271.9	13	9
272.0-272.9	13	9
273.0-273.9	13	9
274.0-274.9	13	9
275.0-275.9	7	8
276.0-276.9	7	8
277.0-277.9	7	8
278.0-278.9	7	8
279.0-279.9	7	8
280.0-280.9	9	6
281.0-281.9	9	6
282.0-282.9	9	6
283.0-283.9	9	6
284.0-284.9	9	6
285.0-285.9	6	4
286.0-286.9	6	4
287.0-287.9	6	4
288.0-288.9	6	4
289.0-289.9	6	4
290.0-290.9	2	2
291.0-291.9	2	2
292.0-292.9	2	2
293.0-293.9	2	2
294.0-294.9	2	2
295.0-295.9	2	1
296.0-296.9	2	1
297.0-297.9	2	1
298.0-298.9	2	1
299.0-299.9	2	1
300.0-300.9	1	0
301.0-301.9	1	0
302.0-302.9	1	0
303.0-303.9	1	0
304.0-304.9	1	0
310.0-310.9	1	0
311.0-311.9	1	0
312.0-312.9	1	0
313.0-313.9	1	0
314.0-314.9	1	0
315.0-315.9	3	0
316.0-316.9	3	0
317.0-317.9	3	0
318.0-318.9	3	0
319.0-319.9	3	0
320.0-320.9	1	0
321.0-321.9	1	0
322.0-322.9	1	0
323.0-323.9	1	0
324.0-324.9	1	0
TOTAL # FISH	5976	1165

TOTAL CATCH(MT)	1488	310
TASKI MT OR # FISH	1488	310
# FISH(ORIG.REC)	5000.	5000.
MT(ORIGINAL REC)	1245.	1330.
RAISING FACTOR	1.200	.2300
MEAN LENGTH (CM)	225.0	228.4
MEAN WEIGHT (KG)	249.0	265.9

AREA MEDI
COUNTRY TURKEY
GEAR UNCL

YEAR	69	70	71	72	73	74	75	76	77	78	79
QUARTER	2	2	2	2	2	2	2	2	2	2	2
116.0-116.9	0	0	0	0	0	0	0	0	0	0	0
117.0-117.9	0	0	0	0	0	0	0	0	0	0	0
118.0-118.9	0	0	0	0	0	0	0	0	0	0	0
119.0-119.9	0	7	0	0	0	0	0	0	0	0	0
120.0-120.9	1	14	0	0	0	0	0	0	0	0	0
121.0-121.9	3	12	0	0	0	0	0	0	0	0	0
122.0-122.9	0	0	0	0	0	0	0	0	1	0	0
123.0-123.9	0	0	0	0	0	0	0	0	1	0	0
124.0-124.9	0	0	0	0	0	0	0	0	0	0	0
125.0-125.9	0	0	0	1	0	0	0	0	0	0	0
126.0-126.9	7	0	0	0	0	0	0	0	1	0	0
127.0-127.9	3	0	0	0	0	0	0	0	1	0	0
128.0-128.9	0	0	0	0	0	0	0	0	0	0	0
129.0-129.9	0	0	0	0	0	0	0	0	0	0	0
130.0-130.9	0	0	0	0	0	0	0	0	0	0	0
131.0-131.9	1	3	0	0	0	0	0	0	0	0	0
132.0-132.9	6	13	0	1	1	0	1	0	0	0	0
133.0-133.9	4	0	0	1	1	0	1	0	0	0	0
134.0-134.9	5	0	0	0	0	0	0	0	1	0	0
135.0-135.9	4	0	0	0	0	0	0	0	1	0	0
136.0-136.9	0	0	0	1	1	0	1	0	0	0	0
137.0-137.9	6	0	0	1	1	0	1	0	0	0	0
138.0-138.9	8	0	0	1	1	0	0	0	1	0	0
139.0-139.9	8	0	0	1	1	0	0	0	1	0	0
140.0-140.9	9	0	0	1	1	1	1	0	3	0	0
141.0-141.9	5	0	0	1	1	1	1	0	3	0	0
142.0-142.9	2	0	0	1	1	0	1	0	2	0	0
143.0-143.9	5	0	0	1	1	0	1	0	2	0	0
144.0-144.9	7	0	0	1	1	1	1	0	2	0	0
145.0-145.9	10	0	0	1	1	1	1	0	2	0	0
146.0-146.9	13	0	0	1	1	1	1	0	3	0	0
147.0-147.9	9	0	0	1	1	1	1	0	3	0	0
148.0-148.9	3	0	0	1	1	1	1	0	3	0	0
149.0-149.9	3	0	0	1	1	1	1	0	3	0	0
150.0-150.9	10	0	0	1	1	0	1	0	4	0	0
151.0-151.9	19	0	0	1	1	0	1	0	4	0	0
152.0-152.9	8	0	0	1	1	0	1	0	6	0	0
153.0-153.9	12	0	0	1	1	0	1	0	6	0	0
154.0-154.9	4	0	0	1	1	1	1	0	7	1	0
155.0-155.9	13	0	0	1	1	1	1	0	7	1	0
156.0-156.9	5	0	0	1	1	1	1	0	8	2	0
157.0-157.9	2	0	0	1	1	1	1	0	8	2	0
158.0-158.9	7	16	0	1	1	1	1	0	7	2	0
159.0-159.9	11	0	0	1	1	1	1	0	7	2	0
160.0-160.9	5	0	0	2	2	1	1	0	5	2	0
161.0-161.9	3	0	0	2	2	1	1	0	5	2	0
162.0-162.9	11	0	0	2	2	1	1	0	6	4	0
163.0-163.9	7	0	0	2	2	1	1	0	6	4	0
164.0-164.9	18	0	0	2	2	1	1	0	9	1	0
165.0-165.9	6	0	1	3	3	1	1	0	9	1	0
166.0-166.9	2	0	1	3	2	1	0	0	6	0	0
167.0-167.9	12	0	1	3	2	1	0	0	6	0	0
168.0-168.9	6	0	1	3	3	1	1	0	7	2	0
169.0-169.9	3	0	1	3	3	1	1	0	7	2	0
170.0-170.9	8	11	1	2	2	1	0	0	5	3	0
171.0-171.9	7	6	1	2	2	1	0	0	5	3	0
172.0-172.9	11	0	1	2	2	1	1	0	4	2	0
173.0-173.9	15	0	1	2	2	1	1	0	4	2	0
174.0-174.9	15	0	1	2	2	1	0	0	6	4	0
175.0-175.9	24	0	0	1	1	1	0	0	6	4	0
176.0-176.9	11	0	0	1	1	1	0	0	3	2	0
177.0-177.9	22	0	0	1	1	1	0	0	3	2	0
178.0-178.9	15	0	0	1	1	1	0	0	2	3	0
179.0-179.9	10	0	0	1	1	1	0	0	2	3	0
180.0-180.9	24	14	1	2	2	1	1	0	1	0	0
181.0-181.9	26	3	1	2	2	1	1	0	1	0	0
182.0-182.9	23	0	1	2	2	1	1	0	1	3	0
183.0-183.9	21	0	1	2	2	1	1	0	1	3	0
184.0-184.9	13	0	1	2	2	1	1	0	1	2	0
185.0-185.9	8	0	1	2	2	1	1	0	1	2	0
186.0-186.9	19	0	1	2	2	1	0	0	1	4	0
187.0-187.9	14	0	1	2	2	1	0	0	1	4	0
188.0-188.9	3	16	1	2	2	1	1	0	1	1	0
189.0-189.9	4	0	1	2	2	1	1	0	1	1	0
190.0-190.9	8	0	1	3	2	1	1	0	0	3	0
191.0-191.9	12	0	1	3	2	1	1	0	0	3	0
192.0-192.9	10	0	1	3	2	1	1	0	1	4	0
193.0-193.9	5	3	1	3	2	1	1	1	1	4	0
194.0-194.9	15	56	1	3	2	1	1	5	0	2	0
195.0-195.9	4	20	0	1	1	1	1	5	0	2	0
196.0-196.9	6	10	0	1	1	0	0	1	1	3	0
197.0-197.9	9	22	0	1	1	0	0	0	1	3	0
198.0-198.9	1	21	0	1	1	0	0	5	0	1	0
199.0-199.9	6	0	0	1	1	0	0	6	0	1	0
200.0-200.9	3	20	1	2	2	1	1	1	1	3	1
201.0-201.9	3	13	1	2	2	1	1	0	1	3	1
202.0-202.9	4	16	1	2	2	1	0	5	1	3	0
203.0-203.9	6	0	1	2	2	1	0	6	1	3	0
204.0-204.9	0	16	1	1	1	1	0	6	0	3	1
205.0-205.9	6	0	0	1	1	0	0	6	0	3	1
206.0-206.9	8	16	0	1	1	0	0	7	1	5	1
207.0-207.9	4	53	0	1	1	0	0	8	1	5	1
208.0-208.9	5	12	0	1	1	1	1	25	1	4	2
209.0-209.9	1	0	0	1	1	1	1	24	1	4	2
210.0-210.9	8	33	1	2	1	1	0	13	3	3	0
211.0-211.9	6	49	1	2	1	1	0	8	3	3	0
212.0-212.9	3	33	1	2	1	1	0	0	4	4	1
213.0-213.9	3	0	1	2	1	1	0	4	4	4	1
214.0-214.9	3	0	1	1	1	1	0	6	5	4	1
215.0-215.9	5	25	0	1	1	1	0	7	5	4	1
216.0-216.9	9	25	0	2	2	1	1	10	3	2	1

217.0-217.9	17	16	0	2	2	1	1	20	3	2	1
218.0-218.9	10	33	0	1	1	1	0	19	4	3	2
219.0-219.9	14	0	0	1	1	1	0	13	4	3	2
220.0-220.9	6	33	1	2	2	1	1	15	4	5	1
221.0-221.9	9	16	1	2	2	1	1	16	4	5	1
222.0-222.9	18	0	1	3	3	2	1	37	3	7	0
223.0-223.9	20	0	1	3	3	2	1	22	3	7	0
224.0-224.9	20	27	1	3	2	1	1	8	5	5	1
225.0-225.9	20	46	0	2	2	1	1	8	5	5	1
226.0-226.9	17	8	0	2	2	1	1	10	7	3	1
227.0-227.9	21	0	0	2	2	1	1	15	7	3	1
228.0-228.9	16	0	0	2	2	1	1	5	5	3	1
229.0-229.9	14	0	0	2	2	1	1	5	5	3	1
230.0-230.9	20	0	1	2	2	1	1	24	9	4	1
231.0-231.9	23	0	1	2	2	1	1	13	9	4	1
232.0-232.9	20	0	1	3	3	1	1	11	7	2	1
233.0-233.9	32	16	1	3	3	1	1	24	7	2	1
234.0-234.9	15	0	1	3	3	1	1	19	8	5	2
235.0-235.9	17	0	1	4	4	2	1	19	8	5	2
236.0-236.9	18	0	1	5	4	2	2	24	6	6	3
237.0-237.9	19	0	1	5	4	2	2	19	6	6	3
238.0-238.9	24	0	1	5	4	2	1	16	8	8	3
239.0-239.9	26	0	1	5	4	2	1	16	8	8	3
240.0-240.9	15	0	2	4	4	2	1	10	10	5	2
241.0-241.9	27	0	2	4	4	2	1	14	10	5	2
242.0-242.9	30	0	2	4	4	2	1	21	11	5	2
243.0-243.9	11	16	2	4	4	2	1	24	11	5	2
244.0-244.9	18	0	2	4	4	2	1	20	12	8	1
245.0-245.9	26	0	2	6	6	3	1	9	12	8	1
246.0-246.9	13	0	2	6	6	3	1	0	14	9	2
247.0-247.9	35	0	2	6	6	3	1	0	14	9	2
248.0-248.9	27	0	2	6	6	3	1	8	6	7	1
249.0-249.9	15	0	2	6	6	3	1	4	6	7	1
250.0-250.9	25	0	2	4	4	2	1	0	12	10	1
251.0-251.9	10	0	2	4	4	2	1	0	12	10	1
252.0-252.9	37	0	2	4	4	2	1	9	10	12	2
253.0-253.9	14	0	2	4	4	2	1	3	10	12	2
254.0-254.9	24	0	2	4	4	2	1	5	12	9	1
255.0-255.9	14	0	1	4	4	2	1	7	12	9	1
256.0-256.9	24	0	1	4	3	2	0	2	9	5	1
257.0-257.9	14	0	1	4	3	2	0	18	9	5	1
258.0-258.9	23	0	1	4	4	2	1	4	10	3	2
259.0-259.9	27	0	1	4	4	2	1	0	10	3	2
260.0-260.9	11	0	1	2	2	1	0	0	8	4	2
261.0-261.9	17	0	1	2	2	1	0	0	8	4	2
262.0-262.9	18	0	1	2	2	1	0	1	5	3	1
263.0-263.9	16	0	1	2	2	1	0	10	5	3	1
264.0-264.9	18	0	1	2	2	1	0	1	6	5	1
265.0-265.9	21	0	1	2	2	1	0	8	6	5	1
266.0-266.9	18	0	1	1	1	1	0	4	4	1	2
267.0-267.9	16	0	1	1	1	1	0	0	4	1	2
268.0-268.9	2	0	1	1	1	1	0	0	8	3	1
269.0-269.9	0	0	1	1	1	1	0	0	8	3	1
270.0-270.9	2	0	0	1	1	0	0	0	5	5	0
271.0-271.9	11	0	0	1	1	0	0	0	5	5	0
272.0-272.9	14	0	0	1	1	0	0	0	7	7	1
273.0-273.9	7	0	0	1	1	0	0	0	7	7	1
274.0-274.9	0	0	0	1	1	0	0	0	4	5	1
275.0-275.9	3	0	0	0	0	0	0	0	4	5	1
276.0-276.9	0	0	0	0	0	0	0	0	2	2	0
277.0-277.9	3	0	0	0	0	0	0	0	2	2	0
278.0-278.9	0	0	0	0	0	0	0	0	1	2	1
279.0-279.9	0	0	0	0	0	0	0	0	1	2	1
280.0-280.9	0	0	0	0	0	0	0	0	1	2	0
281.0-281.9	0	0	0	0	0	0	0	0	1	2	0
282.0-282.9	0	0	0	0	0	0	0	0	1	1	0
283.0-283.9	0	0	0	0	0	0	0	0	1	1	0
286.0-286.9	0	0	0	0	0	0	0	0	1	0	0
287.0-287.9	0	0	0	0	0	0	0	0	1	0	0
288.0-288.9	0	0	0	0	0	0	0	0	1	0	0
289.0-289.9	0	0	0	0	0	0	0	0	1	0	0
292.0-292.9	0	0	0	0	0	0	0	0	1	0	0
293.0-293.9	0	0	0	0	0	0	0	0	1	0	0
294.0-294.9	0	0	0	0	0	0	0	0	1	0	0
295.0-295.9	0	0	0	0	0	0	0	0	1	0	0
296.0-296.9	0	0	0	0	0	0	0	0	1	0	0
297.0-297.9	0	0	0	0	0	0	0	0	1	0	0
298.0-298.9	0	0	0	0	0	0	0	0	0	0	0
299.0-299.9	0	0	0	0	0	0	0	0	0	0	0
302.0-302.9	0	0	0	0	0	0	0	0	1	0	0
303.0-303.9	0	0	0	0	0	0	0	0	1	0	0
308.0-308.9	0	0	0	0	0	0	0	0	1	0	0
309.0-309.9	0	0	0	0	0	0	0	0	1	0	0
TOTAL # FISH	1752	769	89	300	291	150	88	718	717	484	91

TOTAL CATCH(MT)	393	138	22	68	66	34	17	181	177	127	27
TASKI MT OR # FISH	393	138	22	68	66	34	17	181	177	127	27
# FISH(ORIG.REC)	515.0	47.00	1000.	1576.	1576.	1576.	576.0	60.00	1254.	644.0	179.0
MT(ORIGINAL REC)	115.6	8.434	245.9	357.1	357.1	357.1	111.2	15.12	309.3	168.8	52.75
RAISING FACTOR	3.400	16.36	.9000E-01	.1900	.1800	.1000	.1500	11.97	.5700	.7500	.5100
MEAN LENGTH (CM)	214.8	202.9	223.2	215.9	215.9	215.9	203.2	229.2	221.0	229.0	241.0
MEAN WEIGHT (KG)	224.3	179.4	245.9	226.6	226.6	226.6	193.1	252.0	246.7	262.2	294.7

AREA MEDI
COUNTRY TURKEY
GEAR UNCL

YEAR	80	81
QUARTER	2	2
90.0- 90.9	0	1
91.0- 91.9	0	1
92.0- 92.9	0	1
93.0- 93.9	0	1
94.0- 94.9	1	6
95.0- 95.9	1	6
96.0- 96.9	0	14
97.0- 97.9	0	14
98.0- 98.9	1	8
99.0- 99.9	1	8
100.0-100.9	0	18
101.0-101.9	0	18
102.0-102.9	0	24
103.0-103.9	0	24
104.0-104.9	0	21
105.0-105.9	0	21
106.0-106.9	0	28
107.0-107.9	0	28
108.0-108.9	0	24
109.0-109.9	0	24
110.0-110.9	0	17
111.0-111.9	0	17
112.0-112.9	0	23
113.0-113.9	0	23
114.0-114.9	0	15
115.0-115.9	0	15
116.0-116.9	2	10
117.0-117.9	2	10
118.0-118.9	2	18
119.0-119.9	2	18
120.0-120.9	5	24
121.0-121.9	5	24
122.0-122.9	0	23
123.0-123.9	0	23
124.0-124.9	0	17
125.0-125.9	0	17
126.0-126.9	5	34
127.0-127.9	5	34
128.0-128.9	1	23
129.0-129.9	1	23
130.0-130.9	0	17
131.0-131.9	0	17
132.0-132.9	3	11
133.0-133.9	3	11
134.0-134.9	0	19
135.0-135.9	0	19
136.0-136.9	1	13
137.0-137.9	1	13
138.0-138.9	7	15
139.0-139.9	7	15
140.0-140.9	3	10
141.0-141.9	3	10
142.0-142.9	1	16
143.0-143.9	1	16
144.0-144.9	2	8
145.0-145.9	2	8
146.0-146.9	2	9
147.0-147.9	2	9
148.0-148.9	2	6
149.0-149.9	2	6
150.0-150.9	4	7
151.0-151.9	4	7
152.0-152.9	8	11
153.0-153.9	8	11
154.0-154.9	4	9
155.0-155.9	4	9
156.0-156.9	3	17
157.0-157.9	3	17
158.0-158.9	2	13
159.0-159.9	2	13
160.0-160.9	3	9
161.0-161.9	3	9
162.0-162.9	1	14
163.0-163.9	1	14
164.0-164.9	1	10
165.0-165.9	1	10
166.0-166.9	1	15
167.0-167.9	1	15
168.0-168.9	3	17
169.0-169.9	3	17
170.0-170.9	2	32
171.0-171.9	2	32
172.0-172.9	5	24
173.0-173.9	5	24
174.0-174.9	3	18
175.0-175.9	3	18
176.0-176.9	8	15
177.0-177.9	8	15
178.0-178.9	6	25
179.0-179.9	6	25
180.0-180.9	4	19
181.0-181.9	4	19
182.0-182.9	6	32
183.0-183.9	6	32
184.0-184.9	3	25
185.0-185.9	3	25
186.0-186.9	4	24
187.0-187.9	4	24
188.0-188.9	7	28
189.0-189.9	7	28
190.0-190.9	4	34
191.0-191.9	4	34
192.0-192.9	9	13
193.0-193.9	9	13
194.0-194.9	4	20
195.0-195.9	4	20
196.0-196.9	8	24
197.0-197.9	8	24
198.0-198.9	3	30
199.0-199.9	3	30
200.0-200.9	5	25
201.0-201.9	5	25
202.0-202.9	9	23
203.0-203.9	9	23
204.0-204.9	17	31
205.0-205.9	17	31
206.0-206.9	27	28
207.0-207.9	27	28
208.0-208.9	21	24
209.0-209.9	21	24
210.0-210.9	9	23
211.0-211.9	9	23
212.0-212.9	17	39
213.0-213.9	17	39
214.0-214.9	14	50
215.0-215.9	14	50
216.0-216.9	28	34
217.0-217.9	28	34
218.0-218.9	21	55
219.0-219.9	21	55
220.0-220.9	13	36
221.0-221.9	13	36
222.0-222.9	15	30
223.0-223.9	15	30
224.0-224.9	21	38
225.0-225.9	21	38
226.0-226.9	29	34
227.0-227.9	29	34
228.0-228.9	21	36
229.0-229.9	21	36
230.0-230.9	16	23
231.0-231.9	16	23
232.0-232.9	19	30
233.0-233.9	19	30
234.0-234.9	23	21
235.0-235.9	23	21
236.0-236.9	31	23
237.0-237.9	31	23
238.0-238.9	29	17
239.0-239.9	29	17
240.0-240.9	25	25
241.0-241.9	25	25
242.0-242.9	30	12
243.0-243.9	30	12
244.0-244.9	24	16
245.0-245.9	24	16
246.0-246.9	26	21
247.0-247.9	26	21
248.0-248.9	16	12
249.0-249.9	16	12
250.0-250.9	17	10
251.0-251.9	17	10
252.0-252.9	13	24
253.0-253.9	13	24
254.0-254.9	15	13
255.0-255.9	15	13
256.0-256.9	27	4
257.0-257.9	27	4
258.0-258.9	31	8
259.0-259.9	31	8
260.0-260.9	13	6
261.0-261.9	13	6
262.0-262.9	16	11
263.0-263.9	16	11
264.0-264.9	8	7
265.0-265.9	8	7
266.0-266.9	4	8
267.0-267.9	4	8
268.0-268.9	9	5
269.0-269.9	9	5
270.0-270.9	2	3
271.0-271.9	2	3
272.0-272.9	0	6
273.0-273.9	0	6
274.0-274.9	1	4
275.0-275.9	1	4
276.0-276.9	1	3
277.0-277.9	1	3
278.0-278.9	2	2
279.0-279.9	2	2
280.0-280.9	0	1
281.0-281.9	0	1
282.0-282.9	0	3
283.0-283.9	0	3
284.0-284.9	0	2
285.0-285.9	0	2
286.0-286.9	0	1
287.0-287.9	0	1
288.0-288.9	0	2
289.0-289.9	0	2
TOTAL # FISH	1620	3567

TOTAL CATCH(MT)	391	565
TASKI MT OR # FISH	391	565
# FISH(ORIG.REC)	780.0	1903.
MT(ORIGINAL REC)	188.2	301.4
RAISING FACTOR	2.080	1.880
MEAN LENGTH (CM)	222.4	186.3
MEAN WEIGHT (KG)	241.3	158.4

AREA MEDI
COUNTRY YUGOSLAV
GEAR PS

YEAR	60	61	62	63	64	65	66	67	68	69	70
QUARTER	2	2	2	2	2	2	2	2	?	?	?
25.0- 25.9	0	0	0	16230	0	0	0	0	0	0	0
26.0- 26.9	0	0	0	16230	0	0	0	0	0	0	0
27.0- 27.9	0	0	0	16230	0	0	0	0	0	0	0
28.0- 28.9	0	0	0	16230	0	0	0	0	0	0	0
29.0- 29.9	0	0	0	16230	0	0	0	0	0	0	0
30.0- 30.9	167	694	1204	64921	102	60	15229	16236	11347	0	4909
31.0- 31.9	167	694	1204	64921	102	60	15229	16236	11347	0	4909
32.0- 32.9	167	694	1204	64921	102	60	15229	16236	11347	0	4909
33.0- 33.9	167	694	1204	64921	102	60	15229	16236	11347	0	4909
34.0- 34.9	167	694	1204	64921	102	60	15229	16236	11347	0	4909
35.0- 35.9	0	694	8802	0	2708	0	15229	32472	20556	477	0
36.0- 36.9	0	694	8802	0	2708	0	15229	32472	20556	477	0
37.0- 37.9	0	694	8802	0	2708	0	15229	32472	20556	477	0
38.0- 38.9	0	694	8802	0	2708	0	15229	32472	20556	477	0
39.0- 39.9	0	694	8802	0	2708	0	15229	32472	20556	477	0
40.0- 40.9	0	0	0	0	0	0	5409	5412	0	0	0
41.0- 41.9	0	0	0	0	0	0	5409	5412	0	0	0
42.0- 42.9	0	0	0	0	0	0	5409	5412	0	0	0
43.0- 43.9	0	0	0	0	0	0	5409	5412	0	0	0
44.0- 44.9	0	0	0	0	0	0	5409	5412	0	0	0
45.0- 45.9	0	0	0	0	0	0	0	2636	0	0	0
46.0- 46.9	0	0	0	0	0	0	0	2636	0	0	0
47.0- 47.9	0	0	0	0	0	0	0	2636	0	0	0
48.0- 48.9	0	0	0	0	0	0	0	2636	0	0	0
49.0- 49.9	0	0	0	0	0	0	0	2636	0	0	0
55.0- 55.9	7	9	5	3	135	79	24	5	0	99	28
56.0- 56.9	7	9	5	3	135	79	24	5	0	99	28
57.0- 57.9	7	9	5	3	135	79	24	5	0	99	28
58.0- 58.9	7	9	5	3	135	79	24	5	0	99	28
59.0- 59.9	7	9	5	3	135	79	24	5	0	99	28
60.0- 60.9	23	30	0	8	487	267	91	22	0	347	112
61.0- 61.9	23	30	0	8	487	267	91	22	0	347	112
62.0- 62.9	23	30	0	8	487	267	91	22	0	347	112
63.0- 63.9	23	30	0	8	487	267	91	22	0	347	112
64.0- 64.9	23	30	0	8	487	267	91	22	0	347	112
65.0- 65.9	16	21	0	6	352	192	67	16	0	248	84
66.0- 66.9	16	21	0	6	352	192	67	16	0	248	84
67.0- 67.9	16	21	0	6	352	192	67	16	0	248	84
68.0- 68.9	16	21	0	6	352	192	67	16	0	248	84
69.0- 69.9	16	21	0	6	352	192	67	16	0	248	84
70.0- 70.9	7	6	2	2	102	57	18	5	0	66	28
71.0- 71.9	7	6	2	2	102	57	18	5	0	66	28
72.0- 72.9	7	6	2	2	102	57	18	5	0	66	28
73.0- 73.9	7	6	2	2	102	57	18	5	0	66	28
74.0- 74.9	7	6	2	2	102	57	18	5	0	66	28
75.0- 75.9	16	21	2	6	345	190	67	16	0	99	84
76.0- 76.9	16	21	2	6	345	190	67	16	0	99	84
77.0- 77.9	16	21	2	6	345	190	67	16	0	99	84
78.0- 78.9	16	21	2	6	345	190	67	16	0	99	84
79.0- 79.9	16	21	2	6	345	190	67	16	0	99	84
80.0- 80.9	20	27	0	7	413	228	79	22	0	297	98
81.0- 81.9	20	27	0	7	413	228	79	22	0	297	98
82.0- 82.9	20	27	0	7	413	228	79	22	0	297	98
83.0- 83.9	20	27	0	7	413	228	79	22	0	297	98
84.0- 84.9	20	27	0	7	413	228	79	22	0	297	98
85.0- 85.9	7	6	2	2	102	57	18	5	0	66	28
86.0- 86.9	7	6	2	2	102	57	18	5	0	66	28
87.0- 87.9	7	6	2	2	102	57	18	5	0	66	28
88.0- 88.9	7	6	2	2	102	57	18	5	0	66	28
89.0- 89.9	7	6	2	2	102	57	18	5	0	66	28
90.0- 90.9	30	33	2	3	68	20	18	11	0	83	0
91.0- 91.9	30	33	2	3	68	20	18	11	0	83	0
92.0- 92.9	30	33	2	3	68	20	18	11	0	83	0
93.0- 93.9	30	33	2	3	68	20	18	11	0	83	0
94.0- 94.9	30	33	2	3	68	20	18	11	0	83	0
95.0- 95.9	52	55	7	5	108	34	24	16	0	132	0
96.0- 96.9	52	55	7	5	108	34	24	16	0	132	0
97.0- 97.9	52	55	7	5	108	34	24	16	0	132	0
98.0- 98.9	52	55	7	5	108	34	24	16	0	132	0
99.0- 99.9	52	55	7	5	108	34	24	16	0	132	0
100.0-100.9	134	143	5	14	291	87	73	38	0	330	42
101.0-101.9	134	143	5	14	291	87	73	38	0	330	42
102.0-102.9	134	143	5	14	291	87	73	38	0	330	42
103.0-103.9	134	143	5	14	291	87	73	38	0	330	42
104.0-104.9	134	143	5	14	291	87	73	38	0	330	42
105.0-105.9	95	103	7	8	183	79	49	22	0	231	28
106.0-106.9	95	103	7	8	183	79	49	22	0	231	28
107.0-107.9	95	103	7	8	183	79	49	22	0	231	28
108.0-108.9	95	103	7	8	183	79	49	22	0	231	28
109.0-109.9	95	103	7	8	183	79	49	22	0	231	28
110.0-110.9	62	67	19	3	75	80	31	11	0	132	56
111.0-111.9	62	67	19	3	75	80	31	11	0	132	56
112.0-112.9	62	67	19	3	75	80	31	11	0	132	56
113.0-113.9	62	67	19	3	75	80	31	11	0	132	56
114.0-114.9	62	67	19	3	75	80	31	11	0	132	56
115.0-115.9	105	112	10	10	210	86	55	27	0	264	28
116.0-116.9	105	112	10	10	210	86	55	27	0	264	28
117.0-117.9	105	112	10	10	210	86	55	27	0	264	28
118.0-118.9	105	112	10	10	210	86	55	27	0	264	28
119.0-119.9	105	112	10	10	210	86	55	27	0	264	28
120.0-120.9	95	100	31	8	183	78	49	33	0	231	28
121.0-121.9	95	100	31	8	183	78	49	33	0	231	28
122.0-122.9	95	100	31	8	183	78	49	33	0	231	28
123.0-123.9	95	100	31	8	183	78	49	33	0	231	28
124.0-124.9	95	100	31	8	183	78	49	33	0	231	28
125.0-125.9	82	88	65	14	102	89	43	11	0	182	70
126.0-126.9	82	88	65	14	102	89	43	11	0	182	70
127.0-127.9	82	88	65	14	102	89	43	11	0	182	70
128.0-128.9	82	88	65	14	102	89	43	11	0	182	70
129.0-129.9	82	88	65	14	102	89	43	11	0	182	70
130.0-130.9	36	39	36	19	27	32	18	5	0	83	56
131.0-131.9	36	39	36	19	27	32	18	5	0	83	56
132.0-132.9	36	39	36	19	27	32	18	5	0	83	56
133.0-133.9	36	39	36	19	27	32	18	5	0	83	56
134.0-134.9	36	39	36	19	27	32	18	5	0	83	56
TOTAL # FISH	4763	11248	51003	406347	29951	8565	182957	285099	159513	17439	28381

TOTAL CATCH(MT)	109	123	87	277	271	134	246	331	150	301	90
TASK1 MT OR # FISH	109	123	87	277	271	134	246	331	150	301	90
# FISH(ORIG.REC)	291.0	742.0	4236.	.1545E+06	885.0	1523.	6007.	.1054E+05	1552.	216.0	407.0
MT(ORIGINAL REC)	6.659	8.114	7.226	105.3	8.008	23.83	8.077	12.23	1.459	3.645	1.291
RAISING FACTOR	16.37	15.16	12.04	2.630	33.84	5.620	30.46	27.06	102.8	82.59	69.73
MEAN LENGTH (CM)	94.70	62.58	38.47	31.61	63.79	84.88	37.24	37.29	35.72	84.05	40.40
MEAN WEIGHT (KG)	22.88	10.93	1.710	.6800	9.050	15.64	1.350	1.160	.9400	16.87	3.170

AREA MEDI
COUNTRY YUGOSLAV
GEAR PS

YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	2	2	2	2	2	2	2	2	2	2	2
46.0- 46.9	0	13	0	5	3	19	1974	0	0	0	0
47.0- 47.9	0	17	0	7	3	24	1968	0	0	0	0
48.0- 48.9	0	17	0	7	3	24	1968	0	0	0	0
49.0- 49.9	0	17	0	7	3	24	1968	0	0	0	0
50.0- 50.9	0	17	0	7	3	24	1968	0	0	0	0
51.0- 51.9	0	17	0	7	3	24	1968	0	0	0	0
52.0- 52.9	0	17	0	7	3	24	1968	0	0	0	0
53.0- 53.9	0	17	0	7	3	24	1968	0	0	0	0
54.0- 54.9	0	17	0	7	3	24	1968	0	0	0	0
55.0- 55.9	0	17	0	7	3	24	1968	0	0	0	0
56.0- 56.9	0	17	0	7	3	24	1968	0	0	0	0
57.0- 57.9	0	17	0	7	3	24	1968	0	0	0	0
58.0- 58.9	0	17	0	7	3	24	1968	0	0	0	0
59.0- 59.9	0	17	0	7	3	24	1968	0	0	0	0
60.0- 60.9	0	17	0	7	3	24	1968	0	0	0	0
61.0- 61.9	0	17	0	7	3	24	1968	0	0	0	0
62.0- 62.9	0	17	0	7	3	24	1968	0	0	0	0
63.0- 63.9	0	17	0	7	3	24	1968	0	0	0	0
64.0- 64.9	0	17	0	7	3	24	1968	0	0	0	0
65.0- 65.9	0	17	0	7	3	24	1968	0	0	0	0
66.0- 66.9	202	87	166	183	89	232	2236	0	0	0	0
67.0- 67.9	405	164	333	361	177	450	3291	0	0	0	0
68.0- 68.9	405	164	333	361	177	450	3291	0	0	0	0
69.0- 69.9	405	164	333	361	177	450	3291	0	0	0	0
70.0- 70.9	405	164	333	361	177	450	3291	0	0	0	0
71.0- 71.9	405	164	333	361	177	450	3291	0	0	0	0
72.0- 72.9	405	164	333	361	177	450	3291	0	0	0	0
73.0- 73.9	405	164	333	361	177	450	3291	0	0	0	0
74.0- 74.9	405	164	333	361	177	450	3291	0	0	0	0
75.0- 75.9	405	164	333	361	177	450	3291	0	0	0	0
76.0- 76.9	405	164	333	361	177	450	3291	0	0	0	0
77.0- 77.9	405	164	333	361	177	450	3291	0	0	0	0
78.0- 78.9	405	164	333	361	177	450	3291	0	0	0	0
79.0- 79.9	405	164	333	361	177	450	3291	0	0	0	0
80.0- 80.9	669	350	343	459	225	770	658	1185	842	620	423
81.0- 81.9	980	528	460	645	315	1133	0	1976	1403	1034	704
82.0- 82.9	980	528	460	645	315	1133	0	1976	1403	1034	704
83.0- 83.9	980	528	460	645	315	1133	0	1976	1403	1034	704
84.0- 84.9	980	528	460	645	315	1133	0	1976	1403	1034	704
85.0- 85.9	980	528	460	645	315	1133	0	1976	1403	1034	704
86.0- 86.9	980	528	460	645	315	1133	0	1976	1403	1034	704
87.0- 87.9	980	528	460	645	315	1133	0	1976	1403	1034	704
88.0- 88.9	980	528	460	645	315	1133	0	1976	1403	1034	704
89.0- 89.9	980	528	460	645	315	1133	0	1976	1403	1034	704
90.0- 90.9	980	528	460	645	315	1133	0	1976	1403	1034	704
91.0- 91.9	980	528	460	645	315	1133	0	1976	1403	1034	704
92.0- 92.9	980	528	460	645	315	1133	0	1976	1403	1034	704
93.0- 93.9	980	528	460	645	315	1133	0	1976	1403	1034	704
94.0- 94.9	980	528	460	645	315	1133	0	1976	1403	1034	704
95.0- 95.9	808	453	387	561	274	1018	167	1849	1314	968	659
96.0- 96.9	122	153	94	224	110	557	836	1345	955	704	480
97.0- 97.9	122	153	94	224	110	557	836	1345	955	704	480
98.0- 98.9	122	153	94	224	110	557	836	1345	955	704	480
99.0- 99.9	122	153	94	224	110	557	836	1345	955	704	480
100.0-100.9	122	153	94	224	110	557	836	1345	955	704	480
101.0-101.9	122	153	94	224	110	557	836	1345	955	704	480
102.0-102.9	122	153	94	224	110	557	836	1345	955	704	480
103.0-103.9	122	153	94	224	110	557	836	1345	955	704	480
104.0-104.9	122	153	94	224	110	557	836	1345	955	704	480
105.0-105.9	122	153	94	224	110	557	836	1345	955	704	480
106.0-106.9	122	153	94	224	110	557	836	1345	955	704	480
107.0-107.9	122	153	94	224	110	557	836	1345	955	704	480
108.0-108.9	122	153	94	224	110	557	836	1345	955	704	480
109.0-109.9	122	153	94	224	110	557	836	1345	955	704	480
110.0-110.9	122	153	94	224	110	557	836	1345	955	704	480
111.0-111.9	122	153	94	224	110	557	836	1345	955	704	480
112.0-112.9	122	153	94	224	110	557	836	1345	955	704	480
113.0-113.9	104	122	77	182	89	448	669	1078	765	564	384
114.0-114.9	31	0	12	12	6	11	0	7	5	4	2
115.0-115.9	31	0	12	12	6	11	0	7	5	4	2
116.0-116.9	31	0	12	12	6	11	0	7	5	4	2
117.0-117.9	31	0	12	12	6	11	0	7	5	4	2
118.0-118.9	31	0	12	12	6	11	0	7	5	4	2
119.0-119.9	31	0	12	12	6	11	0	7	5	4	2
120.0-120.9	31	0	12	12	6	11	0	7	5	4	2
121.0-121.9	31	0	12	12	6	11	0	7	5	4	2
122.0-122.9	31	0	12	12	6	11	0	7	5	4	2
123.0-123.9	31	0	12	12	6	11	0	7	5	4	2
124.0-124.9	31	0	12	12	6	11	0	7	5	4	2
125.0-125.9	31	0	12	12	6	11	0	7	5	4	2
126.0-126.9	31	0	12	12	6	11	0	7	5	4	2
127.0-127.9	31	0	12	12	6	11	0	7	5	4	2
128.0-128.9	31	0	12	12	6	11	0	7	5	4	2
129.0-129.9	28	0	11	11	5	10	0	6	4	3	2
130.0-130.9	0	0	4	3	2	0	0	0	0	0	0
131.0-131.9	0	0	4	3	2	0	0	0	0	0	0
132.0-132.9	0	0	4	3	2	0	0	0	0	0	0
133.0-133.9	0	0	4	3	2	0	0	0	0	0	0
134.0-134.9	0	0	4	3	2	0	0	0	0	0	0
135.0-135.9	0	0	4	3	2	0	0	0	0	0	0
136.0-136.9	0	0	4	3	2	0	0	0	0	0	0
137.0-137.9	0	0	4	3	2	0	0	0	0	0	0
138.0-138.9	0	0	4	3	2	0	0	0	0	0	0
139.0-139.9	0	0	4	3	2	0	0	0	0	0	0
140.0-140.9	0	0	4	3	2	0	0	0	0	0	0
141.0-141.9	0	0	4	3	2	0	0	1	1	1	0
142.0-142.9	0	0	5	4	2	0	0	4	3	2	2
143.0-143.9	0	0	7	5	3	2	0	4	3	2	2
144.0-144.9	0	0	7	5	3	2	0	4	3	2	2
145.0-145.9	0	0	7	5	3	2	0				
146.0-146.9											

147.0-147.9	0	0	7	5	3	2	0	4	3	2	2	
148.0-148.9	0	0	7	5	3	2	0	4	3	2	2	
149.0-149.9	0	0	7	5	3	2	0	4	3	2	2	
150.0-150.9	0	0	7	5	3	2	0	4	3	2	2	
151.0-151.9	0	0	7	5	3	2	0	4	3	2	2	
152.0-152.9	0	0	7	5	3	2	0	4	3	2	2	
153.0-153.9	0	0	7	5	3	2	0	4	3	2	2	
154.0-154.9	0	0	7	5	3	2	0	4	3	2	2	
155.0-155.9	0	0	7	5	3	2	0	4	3	2	2	
156.0-156.9	0	0	7	5	3	2	0	4	3	2	2	
157.0-157.9	0	0	7	5	3	2	0	4	3	2	2	
158.0-158.9	0	0	7	5	3	2	0	4	3	2	2	
159.0-159.9	0	0	7	5	3	2	0	4	3	2	2	
160.0-160.9	0	0	7	5	3	2	0	4	3	2	2	
161.0-161.9	0	0	7	5	3	2	0	4	3	2	2	
162.0-162.9	0	0	7	5	3	2	0	4	3	2	2	
163.0-163.9	0	0	7	5	3	2	0	4	3	2	2	
164.0-164.9	0	0	7	5	3	2	0	4	3	2	2	
165.0-165.9	0	0	7	5	3	2	0	4	3	2	2	
166.0-166.9	0	0	7	5	3	2	0	4	3	2	2	
167.0-167.9	0	0	7	5	3	2	0	4	3	2	2	
168.0-168.9	0	0	7	5	3	2	0	4	3	2	2	
169.0-169.9	0	0	7	5	3	2	0	4	3	2	2	
170.0-170.9	0	0	7	5	3	2	0	4	3	2	2	
171.0-171.9	0	0	7	5	3	2	0	4	3	2	2	
172.0-172.9	0	0	7	5	3	2	0	4	3	2	2	
173.0-173.9	0	0	7	5	3	2	0	4	3	2	2	
174.0-174.9	0	0	7	5	3	2	0	4	3	2	2	
175.0-175.9	0	0	7	5	3	2	0	4	3	2	2	
176.0-176.9	0	0	7	5	3	2	0	4	3	2	2	
177.0-177.9	0	0	7	5	3	2	0	4	3	2	2	
178.0-178.9	0	0	7	5	3	2	0	4	3	2	2	
179.0-179.9	0	0	7	5	3	2	0	4	3	2	2	
180.0-180.9	0	0	7	5	3	2	0	4	3	2	2	
181.0-181.9	0	0	7	5	3	2	0	4	3	2	2	
182.0-182.9	0	0	7	5	3	2	0	4	3	2	2	
183.0-183.9	0	0	7	5	3	2	0	4	3	2	2	
184.0-184.9	0	0	7	5	3	2	0	4	3	2	2	
185.0-185.9	0	0	7	5	3	2	0	4	3	2	2	
186.0-186.9	0	0	7	5	3	2	0	4	3	2	2	
187.0-187.9	0	0	7	5	3	2	0	4	3	2	2	
188.0-188.9	0	0	7	5	3	2	0	4	3	2	2	
189.0-189.9	0	0	7	5	3	2	0	4	3	2	2	
190.0-190.9	0	0	7	5	3	2	0	4	3	2	2	
191.0-191.9	0	0	7	5	3	2	0	4	3	2	2	
192.0-192.9	0	0	7	5	3	2	0	4	3	2	2	
193.0-193.9	0	0	7	5	3	2	0	4	3	2	2	
194.0-194.9	0	0	3	2	1	1	0	2	1	1	1	
TOTAL # FISH	22867	13253	13899	19496	9532	34262	103821	54333	38587	28435	19371	
TOTAL CATCH(MT)	326	200	224	317	155	562	932	1049	745	549	374	
TASKI MT OR # FISH	326	200	224	317	155	562	932	1049	745	549	374	
# FISH(ORIG.REC)	100.0	100.0	100.0	200.0	200.0	100.0	100.0	100.0	100.0	100.0	100.0	
MT(ORIGINAL REC)	1.426	1.509	1.612	3.252	3.252	1.640	.8980	1.925	1.925	1.925	1.925	
RAISING FACTOR	228.7	132.5	139.0	97.48	47.66	342.6	1038.	545.0	387.0	285.2	194.3	
MEAN LENGTH (CM)	87.20	88.76	88.23	89.55	89.55	90.87	71.96	96.85	96.85	96.85	96.85	
MEAN WEIGHT (KG)	14.26	15.09	16.12	16.26	16.26	16.40	8.980	19.31	19.31	19.31	19.31	

REVISED TABLE C*

Total bluefin catches-by-size (fork length in cm) by West Atlantic, East Atlantic and Mediterranean Sea, 1960-81.

Total des prises par taille de thon rouge (longueur fourche en cm) Atlantique Ouest, Atlantique Est et Méditerranée - 1960-81.

Total de capturas por talla de atún rojo (longitud-horquilla en cm) Atlántico Oeste, Atlántico Este y Mediterráneo, 1960-81.

*Table C is valid as of December 15, 1983. It is subject to change in the future.
Le tableau C est établi au 15 décembre 1983, et sujet à modifications ultérieures.
La Tabla C quedó establecida al 15 de Diciembre 1983 y podrá ser modificada en un futuro.

AREA EAST

YEAR	60	61	62	63	64	65	66	67	68	69	70
YEAR											
QUARTER	0	0	0	0	0	0	0	0	0	0	0
25.0- 25.9	0	0	0	10522	0	0	0	0	0	0	0
26.0- 26.9	0	0	0	10522	0	0	0	0	0	0	0
27.0- 27.9	0	0	0	10522	0	0	0	0	0	0	0
28.0- 28.9	0	0	0	10522	0	0	0	0	0	0	0
29.0- 29.9	0	0	0	10522	0	0	0	0	0	0	0
30.0- 30.9	599	785	427	42459	540	238	466	537	119	178	0
31.0- 31.9	599	785	427	42459	540	238	466	537	119	178	0
32.0- 32.9	599	785	427	42459	540	238	466	537	119	178	0
33.0- 33.9	599	785	427	42459	540	238	466	537	119	178	0
34.0- 34.9	599	785	427	42459	540	238	466	537	119	178	0
40.0- 40.9	10787	14127	7682	6696	9716	4275	8390	9663	2137	3199	197
41.0- 41.9	10787	14127	7682	6696	9716	4275	8390	9663	2137	3199	197
42.0- 42.9	10787	14127	7682	6696	9716	4275	8390	9663	2137	3199	197
43.0- 43.9	10787	14127	7682	6696	9716	4275	8390	9663	2137	3199	197
44.0- 44.9	10787	14127	7682	6696	9716	4275	8390	9663	2137	3199	197
45.0- 45.9	92885	121653	66149	57657	83662	36812	72244	83213	18406	27549	1311
46.0- 46.9	92885	121653	66149	57657	83662	36812	72244	83213	18406	27549	1311
47.0- 47.9	92885	121653	66149	57657	83662	36812	72244	83213	18406	27549	1311
48.0- 48.9	92885	121653	66149	57657	83662	36812	72244	83213	18406	27549	1311
49.0- 49.9	92885	121653	66149	57657	83662	36812	72244	83213	18406	27549	1311
50.0- 50.9	18577	24331	13230	11531	16732	7362	14449	16643	3681	5557	5775
51.0- 51.9	18577	24331	13230	11531	16732	7362	14449	16643	3681	5557	5775
52.0- 52.9	18577	24331	13230	11531	16732	7362	14449	16643	3681	5557	5775
53.0- 53.9	18577	24331	13230	11531	16732	7362	14449	16643	3681	5557	5775
54.0- 54.9	18577	24331	13230	11531	16732	7362	14449	16643	3681	5557	5775
55.0- 55.9	129	157	165	127	116	175	163	106	527	835	4765
56.0- 56.9	129	157	165	127	116	175	163	106	527	835	4765
57.0- 57.9	129	157	165	127	116	175	163	106	527	835	4765
58.0- 58.9	129	157	165	127	116	175	163	106	527	835	4765
59.0- 59.9	129	157	165	127	116	175	163	106	527	835	4765
60.0- 60.9	2861	3702	2302	1944	2576	1578	2452	2529	2371	3545	9078
61.0- 61.9	2861	3702	2302	1944	2576	1578	2452	2529	2371	3545	9078
62.0- 62.9	2861	3702	2302	1944	2576	1578	2452	2529	2371	3545	9078
63.0- 63.9	2861	3702	2302	1944	2576	1578	2452	2529	2371	3545	9078
64.0- 64.9	2861	3702	2302	1944	2576	1578	2452	2529	2371	3545	9078
65.0- 65.9	3332	4331	2563	2189	3000	1641	2755	2960	1962	2935	5172
66.0- 66.9	3332	4331	2563	2189	3000	1641	2755	2960	1962	2935	5172
67.0- 67.9	3332	4331	2563	2189	3000	1641	2755	2960	1962	2935	5172
68.0- 68.9	3332	4331	2563	2189	3000	1641	2755	2960	1962	2935	5172
69.0- 69.9	3332	4331	2563	2189	3000	1641	2755	2960	1962	2935	5172
70.0- 70.9	9926	12968	7263	6284	8940	4258	8939	9111	2364	4505	1973
71.0- 71.9	9926	12968	7263	6284	8940	4258	8939	9111	2364	4505	1973
72.0- 72.9	9926	12968	7263	6284	8940	4258	8939	9111	2364	4505	1973
73.0- 73.9	9926	12968	7263	6284	8940	4258	8939	9111	2364	4505	1973
74.0- 74.9	9926	12968	7263	6284	8940	4258	8939	9111	2364	4505	1973
75.0- 75.9	8320	10787	6570	5574	7491	4379	10537	8180	2973	7189	4318
76.0- 76.9	8320	10787	6570	5574	7491	4379	10537	8180	2973	7189	4318
77.0- 77.9	8320	10787	6570	5574	7491	4379	10537	8180	2973	7189	4318
78.0- 78.9	8320	10787	6570	5574	7491	4379	10537	8180	2973	7189	4318
79.0- 79.9	8320	10787	6570	5574	7491	4379	10537	8180	2973	7189	4318
80.0- 80.9	3754	4786	3448	2822	3378	2788	7806	4235	2335	6632	5164
81.0- 81.9	3754	4786	3448	2822	3378	2788	7806	4235	2335	6632	5164
82.0- 82.9	3754	4786	3448	2822	3378	2788	7806	4235	2335	6632	5164
83.0- 83.9	3754	4786	3448	2822	3378	2788	7806	4235	2335	6632	5164
84.0- 84.9	3754	4786	3448	2822	3378	2788	7806	4235	2335	6632	5164
85.0- 85.9	338	411	434	332	304	458	1482	521	464	1478	1288
86.0- 86.9	338	411	434	332	304	458	1482	521	464	1478	1288
87.0- 87.9	338	411	434	332	304	458	1482	521	464	1478	1288
88.0- 88.9	338	411	434	332	304	458	1482	521	464	1478	1288
89.0- 89.9	338	411	434	332	304	458	1482	521	464	1478	1288
90.0- 90.9	426	516	546	419	382	576	1716	943	287	471	370
91.0- 91.9	426	516	546	419	382	576	1716	943	287	471	370
92.0- 92.9	426	516	546	419	382	576	1716	943	287	471	370
93.0- 93.9	426	516	546	419	382	576	1716	943	287	471	370
94.0- 94.9	426	516	546	419	382	576	1716	943	287	471	370
95.0- 95.9	712	864	914	701	640	965	2870	1578	481	789	618
96.0- 96.9	712	864	914	701	640	965	2870	1578	481	789	618
97.0- 97.9	712	864	914	701	640	965	2870	1578	481	789	618
98.0- 98.9	712	864	914	701	640	965	2870	1578	481	789	618
99.0- 99.9	712	864	914	701	640	965	2870	1578	481	789	618
100.0-100.9	1846	2239	2369	1815	1659	2501	7441	4079	1246	2044	1603
101.0-101.9	1846	2239	2369	1815	1659	2501	7441	4079	1246	2044	1603
102.0-102.9	1846	2239	2369	1815	1659	2501	7441	4079	1246	2044	1603
103.0-103.9	1846	2239	2369	1815	1659	2501	7441	4079	1246	2044	1603
104.0-104.9	1846	2239	2369	1815	1659	2501	7441	4079	1246	2044	1603
105.0-105.9	1073	1301	1376	1055	964	1469	3758	2079	769	1058	1057
106.0-106.9	1073	1301	1376	1055	964	1469	3758	2079	769	1058	1057
107.0-107.9	1073	1301	1376	1055	964	1469	3758	2079	769	1058	1057
108.0-108.9	1073	1301	1376	1055	964	1469	3758	2079	769	1058	1057
109.0-109.9	1073	1301	1376	1055	964	1469	3758	2079	769	1058	1057
110.0-110.9	394	442	475	358	327	510	873	510	291	274	494
111.0-111.9	394	442	475	358	327	510	873	510	291	274	494
112.0-112.9	394	442	475	358	327	510	873	510	291	274	494
113.0-113.9	394	442	475	358	327	510	873	510	291	274	494
114.0-114.9	394	442	475	358	327	510	873	510	291	274	494
115.0-115.9	1018	1174	1225	930	850	1282	1275	785	863	469	1148
116.0-116.9	1018	1174	1225	930	850	1282	1275	785	863	469	1148
117.0-117.9	1018	1174	1225	930	850	1282	1275	785	863	469	1148
118.0-118.9	1018	1174	1225	930	850	1282	1275	785	863	469	1148
119.0-119.9	1018	1174	1225	930	850	1282	1275	785	863	469	1148
120.0-120.9	823	944	1017	775	699	1072	1067	687	686	409	857
121.0-121.9	823	944	1017	775	699	1072	1067	687	686	409	857
122.0-122.9	823	944	1017	775	699	1072	1067	687	686	409	857
123.0-123.9	823	944	1017	775	699	1072	1067	687	686	409	857
124.0-124.9	823	944	1017	775	699	1072	1067	687	686	409	857
125.0-125.9	521	637	690	533	517	709	678	399	476	242	410
126.0-126.9	521	637	690	533	517	709	678	399	476	242	410
127.0-127.9	521	637	690	533	517	709	678	399	476	242	410
128.0-128.9	521	637	690	533	517	709	678	408	476	242	410
129.0-129.9	521	637	690	533	517	709	678	408	476	242	410
130.0-130.9	213	239	257	205	153	249	226	107	181	69	302

131.0-131.9	213	239	257	205	153	249	226	107	181	69	302
132.0-132.9	213	239	257	205	153	249	226	107	181	69	302
133.0-133.9	213	239	257	205	153	249	226	107	181	69	302
134.0-134.9	213	239	257	205	153	249	226	107	181	69	302
135.0-135.9	365	279	358	229	334	291	317	70	280	41	454
136.0-136.9	365	279	358	229	334	291	317	70	280	41	455
137.0-137.9	365	279	358	229	334	291	317	70	280	41	455
138.0-138.9	365	279	358	229	334	291	317	70	280	46	456
139.0-139.9	365	279	358	229	334	291	317	70	280	46	456
140.0-140.9	443	353	468	231	261	315	408	62	288	57	299
141.0-141.9	443	353	468	231	261	315	408	62	288	57	299
142.0-142.9	443	353	468	231	261	315	408	62	288	53	297
143.0-143.9	443	353	468	231	261	315	408	62	288	53	297
144.0-144.9	443	353	468	231	261	315	408	62	288	53	297
145.0-145.9	373	332	425	129	82	168	191	52	115	37	402
146.0-146.9	373	332	425	129	82	168	191	52	115	42	404
147.0-147.9	373	332	425	129	82	168	191	52	115	42	404
148.0-148.9	373	332	425	129	82	168	191	52	115	42	404
149.0-149.9	373	332	425	129	82	168	191	52	115	42	404
150.0-150.9	589	443	398	161	127	209	147	85	104	40	235
151.0-151.9	589	443	398	161	127	209	147	85	104	40	235
152.0-152.9	589	443	398	161	127	209	147	85	104	40	235
153.0-153.9	589	443	398	161	127	209	147	85	104	40	235
154.0-154.9	589	443	398	161	127	209	147	95	104	36	233
155.0-155.9	687	322	273	89	34	76	75	137	35	22	98
156.0-156.9	687	322	273	89	34	76	75	128	35	22	98
157.0-157.9	687	322	273	89	34	76	75	128	35	22	98
158.0-158.9	687	322	273	89	34	76	75	128	35	22	98
159.0-159.9	687	322	273	89	34	76	75	128	35	22	98
160.0-160.9	823	282	111	47	79	114	121	178	43	34	187
161.0-161.9	823	282	111	47	79	114	121	178	43	34	187
162.0-162.9	823	282	111	47	79	114	121	178	43	34	187
163.0-163.9	823	282	111	47	79	114	121	178	43	34	187
164.0-164.9	823	282	111	47	79	114	121	178	43	34	187
165.0-165.9	411	80	140	26	44	127	102	154	32	5	57
166.0-166.9	411	80	140	26	44	127	102	154	32	5	57
167.0-167.9	411	80	140	26	44	127	102	154	32	5	57
168.0-168.9	411	80	140	26	44	127	102	154	32	21	64
169.0-169.9	411	80	140	26	44	127	102	154	32	21	64
170.0-170.9	722	155	302	36	27	149	175	79	29	45	122
171.0-171.9	722	155	302	36	27	149	175	79	29	45	122
172.0-172.9	722	155	302	36	26	149	175	79	29	39	119
173.0-173.9	722	155	302	36	26	149	175	79	29	39	119
174.0-174.9	722	155	302	36	27	149	175	79	29	39	119
175.0-175.9	1005	342	664	47	62	48	191	75	39	45	96
176.0-176.9	1005	342	664	47	62	48	191	75	39	51	99
177.0-177.9	1005	345	664	47	62	48	191	75	39	51	99
178.0-178.9	1005	345	664	47	62	48	191	75	39	68	104
179.0-179.9	1005	345	664	47	62	48	191	75	39	68	104
180.0-180.9	1504	816	1133	61	82	46	143	155	71	102	73
181.0-181.9	1504	813	1133	61	82	46	143	155	71	102	73
182.0-182.9	1504	813	1133	61	82	46	143	155	71	125	81
183.0-183.9	1504	821	1133	61	82	46	143	155	71	125	81
184.0-184.9	1504	816	1133	61	83	46	143	155	71	130	83
185.0-185.9	1885	1420	1553	86	86	51	178	186	45	173	121
186.0-186.9	1885	1428	1565	86	87	51	178	186	45	178	123
187.0-187.9	1885	1420	1565	86	87	51	178	186	45	178	123
188.0-188.9	1885	1420	1565	86	87	51	178	186	45	167	118
189.0-189.9	1885	1431	1565	86	87	51	178	186	45	167	118
190.0-190.9	1956	1945	1545	146	103	68	210	232	69	190	148
191.0-191.9	1956	1945	1533	146	103	68	210	232	69	190	148
192.0-192.9	1958	1962	1533	146	105	68	210	232	69	185	147
193.0-193.9	1958	1952	1533	146	105	68	210	232	69	185	147
194.0-194.9	1958	1952	1533	146	104	68	210	232	69	179	144
195.0-195.9	1892	1888	1519	348	139	89	229	318	71	163	220
196.0-196.9	1892	1888	1519	348	138	89	229	318	71	141	212
197.0-197.9	1894	1912	1522	348	138	89	229	318	71	141	212
198.0-198.9	1892	1891	1518	348	140	89	229	318	71	163	220
199.0-199.9	1892	1891	1524	348	141	89	229	318	71	163	220
200.0-200.9	1685	1806	1443	660	274	119	167	410	107	141	265
201.0-201.9	1683	1782	1440	660	275	119	167	410	107	141	265
202.0-202.9	1688	1832	1447	660	273	119	167	401	107	134	263
203.0-203.9	1684	1786	1441	660	274	119	167	401	107	134	263
204.0-204.9	1684	1786	1435	660	273	119	167	401	107	118	258
205.0-205.9	1674	1545	1473	867	563	128	113	453	179	139	234
206.0-206.9	1669	1495	1466	867	562	128	113	480	446	162	234
207.0-207.9	1678	1565	1497	867	562	129	113	480	446	162	234
208.0-208.9	1668	1493	1478	867	562	129	113	480	179	145	236
209.0-209.9	1668	1493	1478	867	563	128	113	480	179	145	236
210.0-210.9	1321	1533	1685	898	849	317	166	367	208	178	200
211.0-211.9	1312	1442	1661	898	849	317	166	367	208	178	200
212.0-212.9	1334	1616	1724	898	851	317	166	367	342	194	202
213.0-213.9	1317	1467	1680	898	849	317	166	367	342	194	202
214.0-214.9	1344	1669	1782	898	849	317	166	367	208	178	200
215.0-215.9	1207	1458	1739	741	966	410	267	270	247	144	137
216.0-216.9	1207	1458	1738	741	969	412	267	251	247	149	139
217.0-217.9	1228	1586	1842	741	967	411	267	251	247	149	139
218.0-218.9	1228	1586	1850	741	969	412	267	260	247	144	136
219.0-219.9	1237	1602	1898	741	972	412	267	260	247	144	136
220.0-220.9	1189	1434	1753	523	996	952	381	292	212	256	128
221.0-221.9	1198	1438	1808	523	1000	953	381	292	212	256	128
222.0-222.9	1198	1438	1794	523	998	952	381	302	212	256	128
223.0-223.9	1178	1324	1719	523	1000	954	381	302	212	256	128
224.0-224.9	1178	1324	1733	524	1003	956	381	303	212	261	130
225.0-225.9	700	1332	1571	329	841	935	412	429	211	264	112
226.0-226.9	647	1091	1359	330	847	938	412	439	211	275	116
227.0-227.9	690	1322	1601	329	843	935	412	438	211	275	116
228.0-228.9	644	1081	1366	329	845	935	412	430	211	269	114
229.0-229.9	684	1289	1612	330	852	937	412	432	212	269	114
230.0-230.9	561	780	1106	243	686	1253	534	618	219	337	209
231.0-231.9	599	1049	1506	244	685	1253	534	618	219	337	209
232.0-232.9	559	840	1200	244	691	1255	534	637	220	325	205
233.0-233.9	552	814	1227	244	684	1253	534	637	219	325	205
234.0-234.9	552	814	1208	243	684	1253	534	628	219	322	202
235.0-235.9	406	685	847	156	421	1034	474	680	218	334	219
236.0-236.9	390	781	1006	156	415	1032	474	688	218	333	218
237.0-237.9	352	559	694	155	416	1033	474	688	218	333	218
238.0-238.9	369	647	848	156	420	1038	474	681	218	333	218

239.0-239.9	349	530	692	155	413	1036	474	680	218	333	218
240.0-240.9	417	474	614	99	331	768	357	712	203	300	216
241.0-241.9	345	348	443	99	335	771	357	713	203	300	216
242.0-242.9	363	427	594	100	338	770	357	713	203	301	217
243.0-243.9	358	395	535	99	334	767	357	712	202	301	217
244.0-244.9	340	316	384	99	331	767	357	712	202	301	216
245.0-245.9	218	321	295	43	177	396	223	532	202	330	226
246.0-246.9	148	226	191	43	177	396	223	541	335	339	224
247.0-247.9	156	258	257	43	175	394	223	541	335	339	224
248.0-248.9	153	244	236	43	174	394	223	530	202	345	231
249.0-249.9	145	212	169	43	175	395	223	531	202	345	231
250.0-250.9	101	199	142	23	69	190	109	359	162	194	211
251.0-251.9	46	121	78	23	68	190	109	358	161	194	211
252.0-252.9	48	137	102	23	67	190	109	348	161	194	212
253.0-253.9	46	126	87	23	67	191	109	349	162	194	212
254.0-254.9	45	115	77	23	68	191	109	348	162	194	212
255.0-255.9	57	111	76	20	34	99	31	136	112	99	124
256.0-256.9	21	60	38	20	34	98	31	136	111	99	124
257.0-257.9	20	55	28	20	34	98	31	136	111	99	124
258.0-258.9	20	55	33	20	34	98	31	136	111	103	126
259.0-259.9	20	51	30	20	33	98	31	136	110	104	126
260.0-260.9	28	44	21	13	3	44	10	57	52	52	66
261.0-261.9	9	13	11	13	3	44	10	57	52	52	66
262.0-262.9	9	13	11	13	3	44	10	57	52	47	65
263.0-263.9	10	13	11	13	3	44	10	57	52	47	65
264.0-264.9	10	13	11	13	3	44	10	57	52	47	65
265.0-265.9	11	17	10	7	0	0	4	21	8	15	23
266.0-266.9	2	5	5	7	0	0	4	21	8	15	23
267.0-267.9	2	5	5	7	0	0	4	21	8	15	23
268.0-268.9	2	5	5	7	0	0	4	21	8	15	23
269.0-269.9	2	5	5	7	0	0	4	21	8	15	23
270.0-270.9	32	6	2	0	0	0	1	3	4	3	5
271.0-271.9	30	2	0	0	0	0	1	3	4	3	5
272.0-272.9	30	2	0	0	0	0	1	3	4	3	5
273.0-273.9	30	2	0	0	0	0	1	3	4	3	5
274.0-274.9	30	2	0	0	0	0	1	3	4	3	5
275.0-275.9	1	2	0	0	0	0	1	1	0	0	1
276.0-276.9	0	0	0	0	0	0	1	1	0	0	1
277.0-277.9	0	0	0	0	0	0	1	1	0	0	1
278.0-278.9	0	0	0	0	0	0	1	1	0	0	1
279.0-279.9	0	0	0	0	0	0	1	1	0	0	1
280.0-280.9	0	1	0	0	0	0	0	0	0	0	0
TOTAL # FISH	902778	1132340	703376	805949	751622	408482	776634	780056	231973	360027	253984
TOTAL CATCH(MT)	18743	20621	20671	7402	9754	10416	9271	10441	4665	5879	5602
TASK1 MT OR # FISH	18373	20545	20646	7401	9715	10431	9238	10976	4752	5892	5695

AREA EAST

	YEAR										
YEAR	71	72	73	74	75	76	77	78	79	80	81
QUARTER	0	0	0	0	0	0	0	0	0	0	0
40.0- 40.9	15	305	189	286	1271	160	321	17	100	75	51
41.0- 41.9	15	305	189	286	1271	160	321	17	100	75	51
42.0- 42.9	15	305	189	286	1271	160	321	17	100	75	51
43.0- 43.9	15	305	189	286	1271	160	321	17	100	75	51
44.0- 44.9	15	305	189	286	1271	160	321	17	100	75	51
45.0- 45.9	97	914	2646	1905	8471	1069	2140	116	665	500	339
46.0- 46.9	97	914	2646	1905	8471	1069	2140	116	665	500	340
47.0- 47.9	97	914	2646	1905	8471	1069	2140	116	665	500	340
48.0- 48.9	97	914	2646	1905	8471	1069	2140	116	665	500	339
49.0- 49.9	97	914	2646	1905	8471	1069	2140	116	665	500	339
50.0- 50.9	426	5635	9641	8381	37273	4702	9475	511	2926	2282	1668
51.0- 51.9	426	5635	9641	8381	37273	4702	9475	511	2926	2282	1668
52.0- 52.9	426	5635	9641	8381	37273	4702	9475	511	2926	2282	1668
53.0- 53.9	426	5635	9641	8381	37273	4702	9475	511	2926	2282	1668
54.0- 54.9	426	5635	9641	8381	37273	4702	9475	511	2926	2282	1668
55.0- 55.9	324	5365	4386	5570	25028	3123	6492	3942	2674	3635	4093
56.0- 56.9	324	5365	4386	5570	25028	3123	6492	3942	2674	3635	4093
57.0- 57.9	324	5365	4386	5570	25028	3123	6492	3942	2674	3635	4093
58.0- 58.9	324	5365	4386	5570	25028	3123	6492	3942	2674	3635	4093
59.0- 59.9	324	5365	4386	5570	25028	3123	6492	3942	2674	3635	4093
60.0- 60.9	574	4847	10533	8358	38078	4833	10151	13466	5518	9804	14305
61.0- 61.9	574	4847	10533	8358	38078	4833	10151	13466	5518	9804	14305
62.0- 62.9	574	4847	10533	8358	38078	4833	10151	13467	5519	9810	14305
63.0- 63.9	574	4847	10533	8358	38078	4833	10151	13466	5518	9804	14305
64.0- 64.9	574	4849	10533	8358	38078	4835	10151	13467	5519	9810	14305
65.0- 65.9	312	5880	665	4026	18565	2356	5029	9600	3276	4087	3258
66.0- 66.9	312	5878	665	4026	18565	2354	5029	9600	3276	4087	3258
67.0- 67.9	312	5878	665	4026	18565	2354	5029	9600	3276	4087	3258
68.0- 68.9	312	5878	665	4026	18569	2354	5029	9601	3277	4093	3259
69.0- 69.9	312	5878	665	4026	18569	2354	5029	9600	3276	4087	3259
70.0- 70.9	1182	3041	1033	2196	6675	1703	3058	1547	664	746	1901
71.0- 71.9	1182	3041	1033	2196	6675	1703	3058	1543	662	728	1932
72.0- 72.9	1182	3041	1033	2071	6675	1703	3058	1544	663	734	1871
73.0- 73.9	1182	3041	1033	2071	6675	1703	3058	1543	662	728	1992
74.0- 74.9	1182	3041	1033	2071	6682	1706	3065	1546	664	740	1933
75.0- 75.9	3782	5052	3445	3727	8128	3736	6645	4955	1099	2310	4755
76.0- 76.9	3782	5052	3445	3725	8115	3735	6642	4965	1105	2357	4757
77.0- 77.9	3782	5052	3445	3725	8115	3735	6642	4955	1099	2310	4636
78.0- 78.9	3782	5052	3445	3727	8147	3733	6638	4965	1106	2357	4636
79.0- 79.9	3782	5052	3445	3727	8147	3733	6638	4955	1100	2310	4606
80.0- 80.9	4545	6091	4141	4476	9762	4485	8023	5959	1324	3035	1671
81.0- 81.9	4545	6091	4141	4476	9762	4485	8023	5954	1321	3011	1671
82.0- 82.9	4545	6091	4141	4476	9759	4485	8023	5954	1321	3011	1670
83.0- 83.9	4545	6091	4141	4476	9759	4485	8023	5954	1321	3011	1670
84.0- 84.9	4545	6091	4141	4476	9758	4487	8023	5955	1322	3017	1670
85.0- 85.9	1134	1518	1033	1116	2439	1121	2110	1485	330	782	333
86.0- 86.9	1134	1518	1033	1116	2436	1119	2110	1488	332	794	333
87.0- 87.9	1134	1518	1033	1116	2436	1119	2110	1485	330	782	333
88.0- 88.9	1134	1518	1033	1116	2452	1119	2110	1486	335	791	333
89.0- 89.9	1134	1518	1033	1116	2452	1119	2110	1485	334	785	333
90.0- 90.9	447	242	352	892	239	261	469	202	341	242	102
91.0- 91.9	447	242	352	892	239	261	469	202	341	242	102
92.0- 92.9	447	242	352	765	238	261	469	202	341	242	103
93.0- 93.9	447	242	352	765	238	261	469	202	341	242	103
94.0- 94.9	447	242	352	1021	245	298	476	202	342	245	102
95.0- 95.9	748	405	590	1535	403	473	740	338	572	980	220
96.0- 96.9	748	405	590	1535	399	440	740	338	570	983	220
97.0- 97.9	748	405	590	1535	399	440	740	338	570	983	220
98.0- 98.9	748	408	590	1281	402	437	738	346	576	990	220
99.0- 99.9	748	408	590	1281	402	437	738	346	576	990	220
100.0-100.9	1938	1050	1529	3443	1021	1132	1910	877	1461	1103	254
101.0-101.9	1938	1050	1529	3443	1021	1132	1910	877	1461	1103	254
102.0-102.9	1938	1051	1529	3443	1018	1132	1910	877	1459	1106	256
103.0-103.9	1938	1051	1529	3443	1018	1132	1910	877	1459	1106	258
104.0-104.9	1938	1053	1529	3443	1023	1132	1910	877	1461	1110	254
105.0-105.9	1069	274	759	1789	584	554	1009	678	951	398	167
106.0-106.9	1069	273	759	1789	586	565	1009	678	949	391	167
107.0-107.9	1069	273	759	1789	586	565	1009	678	949	391	167
108.0-108.9	1069	272	759	1791	590	556	1013	678	950	398	167
109.0-109.9	1069	272	759	1791	590	556	1013	678	950	398	167
110.0-110.9	326	179	173	518	196	120	394	342	384	110	148
111.0-111.9	326	179	173	518	196	120	394	342	384	110	148
112.0-112.9	326	179	173	389	196	120	394	342	384	109	150
113.0-113.9	326	179	173	389	196	120	394	342	384	109	150
114.0-114.9	326	179	173	649	218	122	398	342	390	113	147
115.0-115.9	878	451	232	816	482	153	500	1145	1126	205	138
116.0-116.9	878	451	232	569	510	152	501	1145	1119	205	141
117.0-117.9	878	451	232	569	510	152	501	1145	1119	205	141
118.0-118.9	878	451	232	683	520	153	504	1175	1123	212	140
119.0-119.9	878	451	232	683	520	153	504	1175	1123	212	140
120.0-120.9	654	349	196	477	474	114	383	977	957	150	73
121.0-121.9	654	349	196	477	474	114	383	977	957	150	73
122.0-122.9	654	349	196	473	450	115	387	977	954	150	70
123.0-123.9	654	349	196	473	450	115	387	977	954	150	70
124.0-124.9	654	349	196	471	422	115	387	984	955	151	74
125.0-125.9	564	292	129	297	276	89	229	615	601	107	76
126.0-126.9	564	292	129	805	274	89	225	608	607	107	77
127.0-127.9	564	292	129	805	274	89	225	608	607	107	77
128.0-128.9	564	292	129	302	313	94	229	630	611	108	75
129.0-129.9	564	292	129	302	313	94	229	630	611	108	75
130.0-130.9	300	151	48	227	162	39	62	194	212	103	22
131.0-131.9	300	151	48	227	162	39	62	194	212	103	22
132.0-132.9	300	151	48	225	116	41	62	194	213	103	22
133.0-133.9	300	151	48	225	116	41	62	194	213	103	22
134.0-134.9	300	151	48	96	105	40	72	202	213	104	20
135.0-135.9	849	417	74	126	98	90	35	228	233	161	81
136.0-136.9	849	417	74	126	100	90	28	251	235	163	81
137.0-137.9	849	417	74	126	100	90	28	251	235	163	81
138.0-138.9	849	417	74	255	101	93	29	243	246	163	83
139.0-139.9	849	417	74	255	101	93	29	243	246	163	83
140.0-140.9	899	647	100	644	116	106	29	248	252	289	73

141.0-141.9	899	647	100	644	116	106	29	241	248	289	73
142.0-142.9	899	646	100	138	126	103	40	241	254	285	75
143.0-143.9	899	646	100	138	126	103	40	241	254	285	75
144.0-144.9	899	652	100	394	109	106	29	249	274	289	71
145.0-145.9	463	1254	242	339	99	100	29	164	191	215	92
146.0-146.9	463	1291	242	210	105	102	39	164	196	208	92
147.0-147.9	463	1291	242	210	105	102	39	164	196	200	92
148.0-148.9	465	1248	242	236	138	110	72	201	258	212	93
149.0-149.9	465	1248	242	219	138	110	72	201	258	212	93
150.0-150.9	314	566	113	58	85	58	16	119	104	187	114
151.0-151.9	314	566	113	58	85	58	16	119	104	187	114
152.0-152.9	312	564	113	437	97	55	53	96	145	189	107
153.0-153.9	312	564	113	437	97	55	53	96	145	189	107
154.0-154.9	312	567	113	52	84	63	24	96	152	205	102
155.0-155.9	69	376	205	10	57	27	26	24	100	205	101
156.0-156.9	72	375	205	266	40	43	40	24	139	198	106
157.0-157.9	72	375	205	266	40	43	40	24	139	198	106
158.0-158.9	75	373	205	266	31	18	54	39	286	224	125
159.0-159.9	75	373	205	266	31	18	54	39	286	224	125
160.0-160.9	139	740	116	149	48	57	39	172	94	167	100
161.0-161.9	139	740	116	149	48	46	39	172	94	167	100
162.0-162.9	139	739	116	401	27	52	50	44	113	178	166
163.0-163.9	139	739	116	401	27	46	50	44	113	178	166
164.0-164.9	143	742	116	24	75	35	63	44	170	166	166
165.0-165.9	25	148	163	4	55	4	54	3	119	174	126
166.0-166.9	27	146	163	129	29	4	30	3	137	174	126
167.0-167.9	27	146	163	137	29	4	30	3	137	174	126
168.0-168.9	42	146	163	20	40	4	69	25	263	169	157
169.0-169.9	42	146	163	8	40	4	69	25	263	169	157
170.0-170.9	73	418	381	2	44	12	64	15	104	202	155
171.0-171.9	73	418	381	26	44	12	64	15	104	202	155
172.0-172.9	67	429	381	2	19	11	60	15	111	214	167
173.0-173.9	67	429	381	2	11	11	60	15	111	214	167
174.0-174.9	61	420	381	2	27	13	60	15	324	257	176
175.0-175.9	42	294	275	2	26	15	55	13	309	164	207
176.0-176.9	45	298	275	4	20	8	100	13	236	129	206
177.0-177.9	45	298	275	4	20	8	100	13	236	129	206
178.0-178.9	44	292	275	6	33	11	81	35	367	133	258
179.0-179.9	44	292	275	11	36	11	81	35	367	133	258
180.0-180.9	27	152	176	261	29	1	43	29	83	45	172
181.0-181.9	27	152	176	261	29	1	43	29	83	45	172
182.0-182.9	25	146	176	5	35	16	93	29	115	44	206
183.0-183.9	25	146	176	5	30	16	93	29	115	44	206
184.0-184.9	34	155	176	7	54	18	46	37	318	78	203
185.0-185.9	16	105	456	18	70	17	50	25	349	81	141
186.0-186.9	8	115	456	11	45	6	161	18	171	50	104
187.0-187.9	8	115	456	21	45	6	161	18	171	50	104
188.0-188.9	11	100	456	19	74	39	133	18	418	79	146
189.0-189.9	11	100	456	20	74	39	133	18	418	79	146
190.0-190.9	50	110	456	5	21	17	94	23	178	76	107
191.0-191.9	50	110	456	20	18	17	94	23	178	63	97
192.0-192.9	28	105	456	22	16	14	153	23	193	82	70
193.0-193.9	28	105	456	5	16	14	153	23	193	80	68
194.0-194.9	34	132	456	18	55	37	183	23	263	118	84
195.0-195.9	27	51	90	15	58	34	188	41	311	107	71
196.0-196.9	24	39	90	15	45	16	160	41	225	55	81
197.0-197.9	24	39	90	15	45	16	160	41	225	55	81
198.0-198.9	32	31	90	171	108	51	107	170	402	210	73
199.0-199.9	32	31	90	169	108	51	107	170	402	210	73
200.0-200.9	37	30	92	28	72	23	88	50	163	40	72
201.0-201.9	37	30	92	28	72	23	88	50	163	40	72
202.0-202.9	49	37	92	28	72	64	172	50	154	58	45
203.0-203.9	49	37	92	17	69	63	172	50	154	58	45
204.0-204.9	41	31	92	50	141	39	119	50	173	41	88
205.0-205.9	34	39	51	58	142	61	151	32	148	86	121
206.0-206.9	58	17	51	57	141	105	224	32	134	104	108
207.0-207.9	58	17	51	64	141	105	224	32	134	104	108
208.0-208.9	56	25	51	133	336	144	216	75	196	263	137
209.0-209.9	56	25	51	159	336	144	216	75	196	263	138
210.0-210.9	84	35	58	75	191	58	132	54	115	83	140
211.0-211.9	84	35	58	97	189	57	131	52	114	83	140
212.0-212.9	61	34	58	66	198	36	185	52	114	78	107
213.0-213.9	61	34	58	66	195	36	185	52	114	78	106
214.0-214.9	68	40	58	142	391	147	249	52	121	183	115
215.0-215.9	58	53	52	144	448	161	262	65	109	179	167
216.0-216.9	51	49	52	141	368	114	270	65	103	137	121
217.0-217.9	51	49	52	141	368	114	270	65	103	137	121
218.0-218.9	50	48	52	272	712	255	184	65	110	310	153
219.0-219.9	50	48	52	272	712	255	184	65	110	310	154
220.0-220.9	67	46	167	189	467	172	172	96	78	108	154
221.0-221.9	67	46	167	172	472	172	172	96	78	108	155
222.0-222.9	62	52	55	156	396	194	207	96	78	116	168
223.0-223.9	62	52	55	166	394	194	208	96	78	116	167
224.0-224.9	52	52	55	195	495	276	249	96	78	225	184
225.0-225.9	73	73	51	245	519	262	246	171	109	232	169
226.0-226.9	70	66	51	180	470	173	227	171	110	132	145
227.0-227.9	70	66	51	180	475	183	229	174	111	136	146
228.0-228.9	72	77	51	273	719	273	223	187	114	147	151
229.0-229.9	72	77	52	273	709	277	225	188	114	148	151
230.0-230.9	84	104	71	232	519	189	198	212	89	102	150
231.0-231.9	84	104	70	206	530	200	204	223	90	99	150
232.0-232.9	89	111	70	160	329	199	247	349	89	106	145
233.0-233.9	89	111	70	117	334	204	249	345	91	112	147
234.0-234.9	92	100	70	249	668	377	233	214	90	154	155
235.0-235.9	176	156	112	275	682	442	297	216	104	135	91
236.0-236.9	179	151	112	223	537	304	229	226	106	98	90
237.0-237.9	179	151	112	240	514	284	219	219	105	95	93
238.0-238.9	167	154	112	277	657	1097	316	227	104	108	93
239.0-239.9	167	154	112	255	637	1081	305	221	107	122	96
240.0-240.9	191	196	152	300	586	339	268	178	103	102	47
241.0-241.9	193	196	152	303	557	319	250	172	102	88	41
242.0-242.9	193	203	152	263	519	339	291	186	101	100	54
243.0-243.9	192	203	152	266	530	345	299	192	104	123	60
244.0-244.9	193	204	146	281	632	395	321	173	101	115	67
245.0-245.9	245	214	168	333	637	478	311	296	169	82	78
246.0-246.9	242	206	168	259	438	350	214	1195	176	82	73
247.0-247.9	240	205	167	269	503	400	279	1215	175	103	83
248.0-248.9	246	208	167	285	547	337	389	328	178	112	76

249.0-249.9	246	209	168	288	481	284	316	307	178	90	65
250.0-250.9	264	245	184	258	425	418	304	236	118	108	68
251.0-251.9	264	244	183	265	379	383	256	215	120	134	79
252.0-252.9	263	236	184	256	433	376	345	264	135	150	82
253.0-253.9	264	236	184	247	389	336	298	224	117	132	70
254.0-254.9	262	249	188	292	379	314	295	222	120	136	67
255.0-255.9	206	172	172	283	493	276	382	294	114	95	24
256.0-256.9	205	171	166	212	416	209	310	283	115	84	35
257.0-257.9	205	171	166	213	357	164	229	256	117	97	48
258.0-258.9	205	166	278	233	438	220	358	271	119	106	60
259.0-259.9	205	167	278	225	400	191	306	260	116	106	56
260.0-260.9	122	87	132	199	388	212	266	109	135	49	52
261.0-261.9	122	86	132	208	445	238	316	127	136	32	43
262.0-262.9	128	88	132	188	337	238	249	109	134	32	52
263.0-263.9	128	88	132	182	298	234	246	103	133	41	58
264.0-264.9	128	92	132	198	437	239	296	120	143	42	53
265.0-265.9	64	51	67	163	290	200	172	69	143	51	39
266.0-266.9	56	46	67	131	256	154	146	63	137	42	51
267.0-267.9	56	46	67	144	313	169	172	77	139	37	55
268.0-268.9	56	46	68	144	290	151	178	66	136	35	41
269.0-269.9	56	46	68	136	229	140	152	57	135	34	35
270.0-270.9	17	9	23	110	277	79	110	23	64	27	29
271.0-271.9	17	9	23	111	276	78	107	27	54	23	21
272.0-272.9	17	9	23	64	159	86	83	21	54	20	27
273.0-273.9	17	9	23	76	153	84	82	19	57	23	32
274.0-274.9	17	9	23	71	154	62	91	20	57	19	23
275.0-275.9	5	4	9	41	109	74	49	16	39	4	18
276.0-276.9	5	4	9	108	92	76	42	18	39	13	26
277.0-277.9	5	4	9	52	84	79	44	19	39	30	36
278.0-278.9	5	4	9	33	57	67	53	140	36	9	16
279.0-279.9	5	4	9	22	49	67	53	139	36	11	17
280.0-280.9	0	0	6	9	35	6	44	14	19	5	9
281.0-281.9	0	0	6	10	33	7	45	7	14	4	9
282.0-282.9	0	0	6	9	39	26	45	8	16	3	12
283.0-283.9	0	0	6	9	34	25	45	8	14	3	11
284.0-284.9	0	0	6	5	25	9	43	6	12	4	12
285.0-285.9	0	0	0	5	21	13	17	11	11	1	5
286.0-286.9	0	0	0	2	17	9	17	12	12	1	2
287.0-287.9	0	0	0	1	20	9	17	12	12	0	1
288.0-288.9	0	0	0	8	34	18	22	139	11	0	1
289.0-289.9	0	0	0	8	33	18	30	139	11	0	1
290.0-290.9	0	0	0	4	13	3	8	10	5	1	1
291.0-291.9	0	0	0	4	16	5	8	10	5	1	0
292.0-292.9	0	0	0	0	1	6	8	10	5	0	1
293.0-293.9	0	0	0	0	3	6	8	10	5	0	1
294.0-294.9	0	0	0	0	3	3	8	10	5	0	0
295.0-295.9	0	0	0	0	3	3	1	1	8	0	0
296.0-296.9	0	0	0	0	2	0	1	1	8	0	0
297.0-297.9	0	0	0	0	0	0	1	1	8	0	0
298.0-298.9	0	0	0	0	0	2	1	1	8	0	0
299.0-299.9	0	0	0	0	0	2	1	1	8	0	0
300.0-300.9	0	0	0	2	5	0	0	0	1	2	2
301.0-301.9	0	0	0	2	5	0	0	0	1	0	0
302.0-302.9	0	0	0	0	0	0	0	0	1	0	0
303.0-303.9	0	0	0	0	1	0	0	0	1	0	0
304.0-304.9	0	0	0	2	5	0	0	128	1	0	0
305.0-305.9	0	0	0	2	5	0	0	129	1	0	0
306.0-306.9	0	0	0	0	0	0	0	0	1	0	0
307.0-307.9	0	0	0	0	0	0	6	0	0	1	0
308.0-308.9	0	0	0	0	0	0	0	0	0	1	0
309.0-309.9	0	0	0	0	0	0	0	0	0	1	0
310.0-310.9	0	0	0	0	0	0	0	0	0	1	0
311.0-311.9	0	0	0	0	0	0	0	0	0	1	0
312.0-312.9	0	0	0	0	0	0	0	0	0	1	0
313.0-313.9	0	0	0	0	0	0	0	0	0	1	0
314.0-314.9	0	0	0	0	0	0	0	0	0	0	0
328.0-328.9	0	0	0	0	0	2	0	0	0	0	0
329.0-329.9	0	0	0	0	0	2	0	0	0	0	0
376.0-376.9	0	0	0	3	0	0	0	0	0	0	0
TOTAL # FISH	120116	244065	230528	271980	832044	171711	317921	254181	148961	171743	182566
TOTAL CATCH(MT)	4495	5400	4705	6385	11996	5832	7099	6009	4762	3755	3506
TOTAL MT OR # FISH	5187	6176	4936	24160	32167	14894	15224	8606	10462	7148	6062

AREA WEST

	YEAR										
YEAR	60	61	62	63	64	65	66	67	68	69	70
YEAR											
QUARTER	0	0	0	0	0	0	0	0	0	0	0
40.0- 40.9	0	0	0	0	0	0	0	0	0	0	35
41.0- 41.9	0	0	0	0	0	0	0	0	0	0	35
43.0- 43.9	0	0	0	0	0	0	0	0	0	0	31
44.0- 44.9	0	0	0	0	0	0	0	0	0	0	35
45.0- 45.9	0	0	0	0	0	0	0	0	0	0	60
46.0- 46.9	0	0	0	0	0	0	150	0	0	0	211
47.0- 47.9	15	39	194	514	140	244	878	69	117	227	559
48.0- 48.9	0	0	0	0	0	0	0	0	0	0	965
49.0- 49.9	2	6	32	85	415	520	1450	11	19	38	974
50.0- 50.9	95	250	1237	3281	892	1557	5611	439	743	1450	6750
51.0- 51.9	41	109	538	1493	3724	6917	11768	191	323	631	5142
52.0- 52.9	0	0	0	0	23	34	0	0	0	74	10526
53.0- 53.9	209	555	2776	7746	7301	28444	38269	974	1698	3215	13103
54.0- 54.9	1	2	11	28	7	219	49	4	57	13	8933
55.0- 55.9	58	154	763	2026	551	1167	3463	271	710	1044	9496
56.0- 56.9	48	128	1041	5131	5757	28740	43252	225	431	967	3652
57.0- 57.9	2	6	32	85	23	383	146	142	119	38	3578
58.0- 58.9	12	30	456	5687	2268	10577	35089	185	291	251	976
59.0- 59.9	2	6	32	85	23	348	146	403	69	38	870
60.0- 60.9	1	4	22	57	16	301	97	791	113	174	339
61.0- 61.9	1	2	180	5416	619	1727	17803	1310	107	13	240
62.0- 62.9	1	4	22	57	39	61	97	1444	63	25	245
63.0- 63.9	0	0	0	2945	1026	34	4815	2221	50	0	314
64.0- 64.9	1	2	11	28	52	13	49	1964	57	162	289
65.0- 65.9	1	4	22	1128	39	747	1652	2620	13	248	245
66.0- 66.9	0	0	0	0	23	34	0	1176	0	149	458
67.0- 67.9	9	24	118	314	176	183	537	957	71	213	750
68.0- 68.9	9	26	129	410	184	883	3896	1222	78	575	1501
69.0- 69.9	23	61	301	799	489	379	1366	760	181	874	2694
70.0- 70.9	102	270	1367	3773	1824	4079	13672	2171	802	2307	5523
71.0- 71.9	0	0	0	0	430	0	0	1306	0	1265	5814
72.0- 72.9	57	152	752	1997	974	1051	3415	2489	502	2492	10431
73.0- 73.9	178	472	2570	6895	3692	22000	24329	4878	1553	4969	10793
74.0- 74.9	37	100	495	1358	1150	1000	2244	3703	1051	2887	12004
75.0- 75.9	111	294	2876	6809	7487	28363	16667	5350	1677	8405	13053
76.0- 76.9	9	26	130	480	161	1499	586	5272	731	2385	7877
77.0- 77.9	7	20	98	393	138	1458	439	6828	1515	2496	7611
78.0- 78.9	22	59	3476	6873	10415	29711	7135	10032	2736	2499	6026
79.0- 79.9	3	9	44	160	31	2041	195	9291	3341	2061	5152
80.0- 80.9	5	11	1680	5587	5360	20808	2451	12431	3699	1775	4096
81.0- 81.9	3	9	43	205	54	2076	195	9291	2688	646	3627
82.0- 82.9	0	0	271	2924	1570	6823	1154	8623	3968	447	3228
83.0- 83.9	0	0	0	46	0	583	2	7185	2612	372	3672
84.0- 84.9	0	0	0	0	136	308	0	5748	1959	0	2912
85.0- 85.9	1	4	56	1028	741	1295	749	2620	1369	25	2030
86.0- 86.9	2	6	32	86	46	74	146	1448	1777	38	2109
87.0- 87.9	7	18	120	1400	85	1102	1293	1337	956	101	2652
88.0- 88.9	2	6	32	86	250	74	146	926	1174	38	2846
89.0- 89.9	8	21	108	287	305	170	487	953	717	126	3569
90.0- 90.9	15	41	240	3278	1037	1011	1479	596	424	240	4910
91.0- 91.9	6	15	77	291	552	128	341	550	397	162	4615
92.0- 92.9	8	21	144	6389	1852	2536	1841	822	416	126	6818
93.0- 93.9	0	0	2	47	793	0	0	653	352	74	8239
94.0- 94.9	2	6	34	270	748	40	148	1971	371	112	9284
95.0- 95.9	5	13	270	9993	3519	4641	2800	1721	943	76	11041
96.0- 96.9	1	2	14	851	1026	13	49	2094	1012	236	12207
97.0- 97.9	1	2	658	12366	8181	6973	1855	2748	1062	162	13945
98.0- 98.9	0	0	3	458	770	0	0	1045	1708	670	14767
99.0- 99.9	0	0	1256	8868	10077	11759	1808	2613	1155	744	11556
100.0-100.9	0	0	14	1004	755	34	0	3266	1758	1265	10107
101.0-101.9	0	0	11	685	641	34	0	1960	1406	1414	7094
102.0-102.9	0	0	1975	4701	6007	9153	1003	2744	1507	2531	4897
103.0-103.9	0	0	11	1233	120	34	0	3266	1457	3349	4453
104.0-104.9	0	0	1806	4278	2603	3874	301	2613	904	2233	1989
105.0-105.9	58	188	7	548	0	34	0	2482	904	2531	1075
106.0-106.9	58	188	7	548	0	34	0	1437	452	3349	331
107.0-107.9	58	188	1760	2291	1766	1954	251	915	402	2680	307
108.0-108.9	58	188	7	183	0	137	0	1306	352	1861	159
109.0-109.9	58	188	2039	1153	853	377	50	523	151	1435	84
110.0-110.9	58	192	24	203	68	34	0	653	100	1340	445
111.0-111.9	58	192	24	66	23	34	0	131	50	1042	198
112.0-112.9	58	192	2903	1036	2204	240	0	131	50	521	222
113.0-113.9	58	192	24	22	136	0	0	0	0	298	173
114.0-114.9	58	195	6053	2161	4627	0	0	131	0	298	395
115.0-115.9	58	195	26	3	136	0	0	131	50	223	766
116.0-116.9	58	195	13066	4521	2732	0	0	0	50	223	441
117.0-117.9	58	195	29	10	181	0	0	261	0	74	441
118.0-118.9	59	194	40	83	7	13	49	396	107	385	861
119.0-119.9	58	192	14562	6079	1766	0	0	392	151	149	698
120.0-120.9	58	207	91	87	45	1	0	523	100	149	1837
121.0-121.9	73	207	13805	8378	2007	241	1	1176	0	223	973
122.0-122.9	73	207	88	216	23	35	1	784	0	149	1266
123.0-123.9	144	441	89	216	23	37	1	392	0	298	1266
124.0-124.9	129	441	10216	8092	1397	482	0	523	0	74	1932
125.0-125.9	130	424	85	316	30	15	49	1049	7	385	1823
126.0-126.9	129	422	5489	6154	1268	755	0	677	47	454	1403
127.0-127.9	129	419	70	197	91	36	0	939	47	454	1230
128.0-128.9	129	419	70	288	181	36	28	975	167	316	1307
129.0-129.9	129	419	3155	5475	3321	1476	30	844	117	316	961
130.0-130.9	140	427	120	246	113	270	0	452	118	465	1156
131.0-131.9	140	427	4997	5098	5412	1709	0	60	118	167	684
132.0-132.9	176	439	279	443	181	410	0	197	128	317	747
133.0-133.9	174	439	4847	6232	6461	2811	1	66	128	93	673
134.0-134.9	185	446	361	595	136	611	1	197	128	93	547
135.0-135.9	170	451	405	542	136	611	1	327	128	93	300
136.0-136.9	129	451	5063	6383	7706	1410	0	7	13	2	303
137.0-137.9	129	431	84	225	249	210	0	7	13	300	276
138.0-138.9	129	435	3234	5857	9133	3880	0	0	0	0	406
139.0-139.9	129	431	79	180	159	278	0	0	0	149	134
140.0-140.9	104	90	374	674	256	715	0	0	0	149	441
141.0-141.9	104	85	1792	6996	7804	3353	4	0	0	298	119

[illegible]-142.9	63	60	43	264	256	346	1	0	0	447	183
[illegible]-143.9	63	60	827	4469	5313	3227	1	0	0	0	84
144.0-144.9	63	60	39	219	166	379	1	0	0	372	469
[illegible]-145.9	47	48	36	228	215	380	2	0	0	0	194
146.0-146.9	115	103	918	4757	3551	3389	1	4	8	299	292
147.0-147.9	115	103	579	811	192	990	2	4	8	75	95
148.0-148.9	60	70	246	3884	6910	2043	3	78	153	172	148
149.0-149.9	60	77	144	361	192	362	3	78	153	97	1
150.0-150.9	25	73	230	3988	4751	854	3	59	115	91	148
151.0-151.9	25	66	61	229	192	374	3	59	115	17	74
152.0-152.9	57	70	194	397	447	425	2	0	0	0	134
153.0-153.9	80	76	465	4338	4590	424	2	0	0	0	60
154.0-154.9	80	77	202	360	520	258	30	154	301	45	159
155.0-155.9	71	77	510	3476	5393	738	160	154	301	45	159
156.0-156.9	171	197	538	746	490	700	132	256	501	75	25
157.0-157.9	171	197	533	746	490	698	137	256	501	75	49
158.0-158.9	132	174	322	3062	1813	242	137	13	25	4	119
159.0-159.9	102	174	216	348	439	244	134	13	25	4	71
160.0-160.9	123	181	266	1685	1375	155	3	0	0	0	30
161.0-161.9	146	181	131	313	198	157	2	1	0	0	53
162.0-162.9	132	171	5	148	23	16	6	1	0	0	39
163.0-163.9	107	171	310	1321	612	492	2	0	0	0	34
164.0-164.9	147	186	207	451	394	247	3	0	0	0	53
165.0-165.9	162	178	338	692	424	1461	7	0	0	0	74
166.0-166.9	152	172	128	211	247	211	5	45	89	24	99
167.0-167.9	137	172	399	479	247	690	2	45	89	24	26
168.0-168.9	123	164	17	75	70	61	6	96	187	52	0
169.0-169.9	123	164	13	69	70	51	4	96	187	52	0
170.0-170.9	106	184	319	727	571	531	4	0	0	12	25
171.0-171.9	104	169	251	327	375	285	0	0	0	12	25
172.0-172.9	81	149	359	215	140	1777	1	0	0	5	0
173.0-173.9	86	149	88	115	140	102	2	0	0	5	0
174.0-174.9	84	152	110	148	178	121	1	0	0	5	0
175.0-175.9	73	165	585	286	173	851	67	4	0	0	5
176.0-176.9	92	174	236	309	348	273	69	5	0	0	4
177.0-177.9	87	174	547	776	348	987	70	5	0	0	4
178.0-178.9	82	157	17	29	34	16	365	148	0	0	29
179.0-179.9	90	157	20	29	34	17	363	148	0	0	4
180.0-180.9	101	191	648	701	652	1037	12	1	0	74	4
181.0-181.9	98	196	513	567	652	564	12	2	0	74	4
182.0-182.9	135	217	1044	1138	1039	1140	305	142	0	1	39
183.0-183.9	135	209	807	937	1039	886	303	141	1	0	64
184.0-184.9	174	233	1327	1536	1480	1242	12	1	1	0	4
185.0-185.9	139	117	1078	1343	1486	1238	17	2	0	0	1
186.0-186.9	239	180	1881	2353	2604	2139	10	1	0	0	0
187.0-187.9	239	180	1956	2515	2604	2382	13	2	0	0	0
188.0-188.9	210	159	1652	2052	2276	1878	307	143	0	0	0
189.0-189.9	210	159	1774	2152	2276	1874	303	141	0	0	0
190.0-190.9	177	121	1239	1573	1735	1407	661	282	0	11	0
191.0-191.9	177	121	1239	1573	1735	1407	660	283	0	11	0
192.0-192.9	282	184	2185	2701	2910	2352	72	66	125	30	0
193.0-193.9	284	184	2083	2634	2910	2350	73	67	125	30	0
194.0-194.9	258	173	1972	2530	2642	2136	954	503	151	33	0
195.0-195.9	242	177	1924	2379	2624	2144	900	504	153	27	26
196.0-196.9	171	133	1364	1707	1809	1480	606	392	211	36	0
197.0-197.9	169	133	1322	1640	1809	1481	604	391	210	36	0
198.0-198.9	314	221	2447	3054	3378	2750	20	285	551	170	119
199.0-199.9	328	204	2509	3087	3375	2987	15	286	552	170	119
200.0-200.9	268	152	1823	2278	2071	2044	625	461	355	68	4
201.0-201.9	245	152	1863	2376	2071	2044	623	460	354	68	4
202.0-202.9	136	73	773	954	1054	858	2068	1233	482	87	5
203.0-203.9	146	75	773	960	1054	859	2069	1234	482	87	5
204.0-204.9	107	68	742	936	963	787	598	456	347	66	4
205.0-205.9	89	69	710	957	953	778	595	457	338	88	23
206.0-206.9	128	92	1019	1346	1384	1125	329	228	165	145	141
207.0-207.9	128	92	1032	1350	1384	1127	329	227	165	145	143
208.0-208.9	93	78	757	1009	1001	821	386	370	443	104	25
209.0-209.9	93	71	822	1006	1001	826	389	374	443	104	23
210.0-210.9	49	50	397	548	518	448	425	288	270	96	12
211.0-211.9	45	38	403	539	518	444	422	288	270	96	13
212.0-212.9	74	56	638	841	392	716	688	515	439	162	70
213.0-213.9	74	56	700	837	392	715	688	513	439	162	70
214.0-214.9	23	11	44	88	14	42	424	354	407	182	54
215.0-215.9	92	34	28	102	13	47	369	357	430	182	66
216.0-216.9	109	62	354	542	13	403	599	287	32	175	97
217.0-217.9	41	62	361	536	13	414	601	288	32	175	102
218.0-218.9	23	25	22	100	13	39	628	285	33	79	23
219.0-219.9	23	27	28	100	13	52	631	289	33	79	23
220.0-220.9	38	59	341	510	492	395	315	169	43	65	33
221.0-221.9	40	67	354	568	489	386	317	170	43	65	33
222.0-222.9	109	87	704	983	542	798	639	312	43	84	39
223.0-223.9	109	89	685	983	548	802	642	311	44	84	41
224.0-224.9	23	36	30	140	62	42	645	310	44	186	106
225.0-225.9	39	34	40	104	95	111	716	328	40	197	118
226.0-226.9	57	54	360	543	98	481	156	46	41	102	82
227.0-227.9	57	52	369	516	100	484	152	43	46	102	81
228.0-228.9	174	115	1341	1730	948	1542	131	49	41	117	104
229.0-229.9	247	145	1307	1742	951	1556	132	56	43	117	100
230.0-230.9	28	36	93	149	217	130	882	336	49	68	56
231.0-231.9	55	43	46	138	219	136	884	343	43	68	60
232.0-232.9	0	69	43	111	174	116	943	343	43	68	62
233.0-233.9	2	28	27	90	166	95	937	349	43	68	66
234.0-234.9	45	28	8	91	164	107	619	212	43	150	180
235.0-235.9	3	18	20	136	48	121	747	233	44	178	192
236.0-236.9	48	49	49	113	53	146	474	108	44	96	74
237.0-237.9	1	32	20	119	48	126	483	99	41	96	77
238.0-238.9	3	25	36	148	48	128	457	89	45	178	194
239.0-239.9	3	20	58	101	58	134	452	98	42	178	195
240.0-240.9	16	17	87	101	73	121	218	82	69	52	54
241.0-241.9	63	14	58	97	60	113	215	72	69	52	58
242.0-242.9	16	12	39	90	58	117	217	69	69	52	55
243.0-243.9	26	19	42	105	63	121	218	73	69	52	53
244.0-244.9	16	5	33	87	55	112	217	76	69	58	64
245.0-245.9	32	20	45	88	70	61	287	67	76	129	61
246.0-246.9	24	18	35	92	73	62	284	61	74	158	100
247.0-247.9	77	13	54	96	86	85	294	70	77	158	104
248.0-248.9	46	9	32	74	67	64	288	59	77	123	50
249.0-249.9	24	7	39	81	76	65	289	62	76	123	52

250.0-250.9	1	8	65	27	68	135	373	63	53	78	62
251.0-251.9	4	4	23	14	70	122	369	66	58	78	64
252.0-252.9	4	6	36	13	62	121	343	61	56	78	62
253.0-253.9	1	4	36	11	62	128	340	60	53	78	62
254.0-254.9	4	4	23	20	62	120	342	65	53	78	63
255.0-255.9	3	21	4	6	42	39	213	32	27	65	32
256.0-256.9	3	13	14	20	44	37	507	161	23	65	31
257.0-257.9	0	10	10	0	47	24	505	161	29	65	31
258.0-258.9	3	8	10	0	44	25	221	30	29	65	29
259.0-259.9	0	1	4	0	42	27	212	22	27	65	28
260.0-260.9	1	0	0	2	10	67	269	11	16	3	33
261.0-261.9	3	0	0	2	8	67	269	20	12	3	31
262.0-262.9	3	0	0	2	10	67	268	13	12	3	34
263.0-263.9	1	0	0	2	8	67	270	12	16	3	32
264.0-264.9	1	1	0	2	10	64	271	15	15	3	33
265.0-265.9	0	1	0	0	0	3	139	12	14	16	25
266.0-266.9	0	0	0	0	0	0	139	14	13	16	25
267.0-267.9	0	3	0	0	0	0	140	11	13	16	27
268.0-268.9	0	0	0	0	0	1	140	11	13	16	25
269.0-269.9	0	0	0	0	0	1	134	14	13	16	25
270.0-270.9	0	0	0	0	0	0	6	3	7	7	5
271.0-271.9	0	0	0	0	0	2	13	2	7	7	5
272.0-272.9	0	0	0	0	0	0	5	2	7	7	6
273.0-273.9	0	0	0	0	0	0	8	2	10	7	5
274.0-274.9	0	0	0	0	0	0	4	2	7	7	5
275.0-275.9	0	0	0	0	0	0	6	2	0	10	7
276.0-276.9	0	0	0	0	0	0	2	2	0	10	7
277.0-277.9	0	0	0	0	0	0	2	2	0	10	7
278.0-278.9	0	0	0	0	0	0	1	2	0	10	7
279.0-279.9	0	0	0	0	0	0	8	2	0	10	7
280.0-280.9	2	0	0	0	0	0	1	0	0	1	5
281.0-281.9	0	0	0	0	0	0	3	0	0	1	5
282.0-282.9	0	0	0	0	0	0	3	0	0	1	5
283.0-283.9	0	0	0	0	0	0	3	0	0	1	5
284.0-284.9	0	0	0	0	0	0	1	0	0	1	5
285.0-285.9	0	0	0	0	0	0	2	0	0	0	6
286.0-286.9	0	0	0	0	0	0	3	0	0	0	6
287.0-287.9	0	0	0	0	0	0	3	0	0	0	6
288.0-288.9	0	0	0	0	0	0	0	0	0	0	6
289.0-289.9	0	0	0	0	0	0	0	0	0	0	6
292.0-292.9	0	0	0	0	0	0	1	0	0	0	0
293.0-293.9	0	0	0	0	0	0	1	0	0	0	0
TOTAL # FISH	16085	25286	165217	320925	262512	354395	297839	185888	72054	86583	348587
TOTAL CATCH(MT)	1506	1816	11779	17119	15533	13655	9765	5798	2970	2883	5490
TAGS MT OR # FISH	8638	8315	74647	118585	81729	86414	104843	15009	13536	22806	15683

AREA WEST

YEAR	71	72	73	74	75	76	77	78	79	80	81
YEAR QUARTER	0	0	0	0	0	0	0	0	0	0	0
21.0- 21.9	0	0	0	0	0	0	0	4	0	0	0
22.0- 22.9	0	0	0	0	0	0	0	6	0	0	0
23.0- 23.9	0	0	0	0	0	0	0	4	0	0	0
24.0- 24.9	0	0	0	0	0	0	0	2	0	0	0
25.0- 25.9	0	0	0	0	0	0	0	2	0	0	0
26.0- 26.9	0	0	0	0	4	0	2	2	0	0	0
27.0- 27.9	0	0	0	0	4	0	5	0	0	0	0
28.0- 28.9	0	0	0	0	0	0	6	0	0	0	0
29.0- 29.9	0	0	0	0	0	0	3	0	0	0	0
34.0- 34.9	0	0	0	0	0	0	0	4	0	0	0
35.0- 35.9	0	0	0	0	0	0	0	6	3	28	304
36.0- 36.9	0	0	0	0	0	0	0	6	0	0	0
37.0- 37.9	0	0	0	0	0	0	0	4	3	4	0
38.0- 38.9	0	0	0	0	0	28	0	2	0	0	0
39.0- 39.9	0	0	0	0	0	28	0	2	0	0	0
40.0- 40.9	0	0	0	0	0	0	2	0	0	0	7
41.0- 41.9	0	0	0	0	0	0	5	0	0	0	7
42.0- 42.9	0	0	0	0	0	0	3	0	0	3	6
43.0- 43.9	10	2	0	0	0	0	0	0	0	0	0
44.0- 44.9	0	0	0	0	9	4	4	0	0	0	0
45.0- 45.9	0	0	0	0	13	4	4	0	0	0	0
46.0- 46.9	41	0	0	3	9	0	6	0	0	0	0
47.0- 47.9	41	0	0	24	4	0	3	2	0	0	0
48.0- 48.9	207	0	0	129	38	0	2	2	0	0	4
49.0- 49.9	330	18	0	255	81	0	0	0	0	0	4
50.0- 50.9	2396	18	16	748	132	24	8	2	0	0	7
51.0- 51.9	2827	18	56	1085	137	24	9	2	0	0	0
52.0- 52.9	9121	200	155	3901	449	86	12	6	7	0	0
53.0- 53.9	9798	326	240	7154	1143	142	14	21	13	32	61
54.0- 54.9	9747	82	411	9651	3245	566	40	59	23	4	0
55.0- 55.9	11088	1070	750	12803	4866	895	69	61	10	26	13
56.0- 56.9	5129	563	1333	10580	8246	1189	137	35	46	49	84
57.0- 57.9	5477	2233	719	5763	10075	1042	123	92	80	43	57
58.0- 58.9	3212	4593	721	3185	8333	692	227	162	171	209	358
59.0- 59.9	3416	7376	358	2032	6243	510	148	264	230	176	282
60.0- 60.9	2643	9561	322	1875	3267	112	185	422	91	356	752
61.0- 61.9	3309	10747	171	1229	1565	120	92	370	456	211	477
62.0- 62.9	1475	6403	143	548	527	86	109	516	422	198	547
63.0- 63.9	1015	3081	206	577	199	34	46	730	386	163	518
64.0- 64.9	1192	2788	80	366	141	28	68	915	272	211	524
65.0- 65.9	1797	580	167	106	69	19	52	811	182	73	285
66.0- 66.9	3351	341	228	88	139	15	48	582	131	123	738
67.0- 67.9	4447	521	331	88	208	17	33	282	108	205	993
68.0- 68.9	5682	1649	223	115	493	68	65	252	80	102	766
69.0- 69.9	4811	1415	412	115	1118	64	50	143	73	119	696
70.0- 70.9	10542	1518	829	282	3715	94	41	80	41	17	504
71.0- 71.9	9681	2380	2299	303	6288	174	54	131	74	54	442
72.0- 72.9	16409	4262	3540	473	14528	222	285	244	130	37	255
73.0- 73.9	17331	2682	5314	642	19024	315	339	376	168	109	376
74.0- 74.9	16977	2744	7151	1149	25761	1010	976	445	175	94	450
75.0- 75.9	17438	3318	9629	1380	26454	1476	992	282	406	61	375
76.0- 76.9	16575	7434	11109	1737	23267	2818	2880	323	576	173	673
77.0- 77.9	15725	9050	10854	1864	20604	3047	2469	547	612	275	603
78.0- 78.9	11748	9550	10609	2429	11907	3088	4222	830	877	792	1236
79.0- 79.9	9421	12548	8561	2705	8589	2737	2328	838	1344	446	806
80.0- 80.9	5248	14916	5447	2462	4684	1709	3322	867	1518	804	1043
81.0- 81.9	3115	12815	2513	1584	2838	1301	1245	899	1287	1151	1628
82.0- 82.9	1291	6778	1271	1817	1285	510	1929	949	975	825	1169
83.0- 83.9	860	3815	843	1620	1012	497	789	923	983	1283	1504
84.0- 84.9	816	4640	502	1410	756	441	1015	825	553	693	658
85.0- 85.9	201	3808	178	1431	555	416	297	566	289	716	743
86.0- 86.9	241	1883	253	1283	223	237	355	583	289	1837	2607
87.0- 87.9	179	554	167	946	147	210	113	423	239	709	731
88.0- 88.9	16	248	81	1173	97	410	230	399	211	1226	1675
89.0- 89.9	78	409	121	857	16	579	151	373	238	292	328
90.0- 90.9	346	392	72	1309	23	1253	194	389	166	345	621
91.0- 91.9	408	752	112	1351	23	1698	159	398	153	1036	1963
92.0- 92.9	550	1843	198	1666	24	2943	258	522	159	287	897
93.0- 93.9	489	2184	270	2052	88	4705	246	334	159	47	232
94.0- 94.9	967	2722	333	2076	131	7389	448	693	337	794	2256
95.0- 95.9	967	1375	619	1970	88	8325	433	959	679	519	1512
96.0- 96.9	1540	2540	475	1797	158	9955	563	1165	875	779	2133
97.0- 97.9	1048	1535	1163	1713	286	10853	539	1254	932	399	1075
98.0- 98.9	2361	1952	1369	1363	467	8741	547	806	1209	425	1173
99.0- 99.9	3037	4035	3167	1102	488	6289	527	1162	1511	773	2209
100.0-100.9	5680	2739	3575	1402	301	3885	799	1581	1426	460	1654
101.0-101.9	3468	2146	4113	918	237	2654	704	1273	1361	492	1793
102.0-102.9	3407	3573	5117	791	291	1175	1005	1423	1726	322	948
103.0-103.9	2792	2048	4139	433	439	698	785	1175	1511	152	537
104.0-104.9	3855	1109	2672	541	516	388	1040	1468	1016	757	2410
105.0-105.9	3303	2169	2238	373	550	342	778	1468	838	387	1447
106.0-106.9	2977	1870	1520	242	614	263	1020	1613	468	878	2760
107.0-107.9	2915	505	909	348	648	246	741	1101	411	269	564
108.0-108.9	2361	322	716	153	586	411	963	1154	638	559	1066
109.0-109.9	2424	663	303	237	526	396	804	725	518	836	2210
110.0-110.9	2811	138	167	209	691	302	632	933	334	400	674
111.0-111.9	2195	138	206	230	660	293	710	539	207	560	1298
112.0-112.9	3029	15	65	207	517	317	867	731	216	185	269
113.0-113.9	3690	15	144	228	1304	313	785	426	273	344	565
114.0-114.9	4336	0	84	263	1516	512	992	369	337	739	1562
115.0-115.9	4212	0	164	158	1052	512	850	235	351	431	921
116.0-116.9	3889	2	112	137	930	332	916	259	331	433	912
117.0-117.9	3708	92	128	200	977	332	767	189	307	110	239
118.0-118.9	4357	2	86	210	636	387	1560	343	429	542	957
119.0-119.9	3065	92	142	126	1053	387	1232	373	736	592	764
120.0-120.9	3554	92	185	233	1891	194	2747	226	608	159	264
121.0-121.9	2143	184	264	318	1129	197	1881	261	489	626	805
122.0-122.9	2543	92	372	380	907	126	3426	261	703	21	267
123.0-123.9	2177	361	269	548	1116	124	1752	238	867	197	414
124.0-124.9	2160	92	516	551	666	356	3479	395	1387	541	628
125.0-125.9	1786	452	705	404	462	356	1900	357	1155	288	553

126.0-126.9	892	184	1170	583	547	105	2723	321	1032	80	269
127.0-127.9	586	181	926	605	351	107	1047	520	1863	631	1232
128.0-128.9	788	665	880	453	161	337	1532	613	2055	307	945
129.0-129.9	419	288	965	432	106	335	631	665	1328	435	941
130.0-130.9	41	184	362	632	71	89	897	570	1111	176	471
131.0-131.9	41	342	523	317	79	91	432	307	1211	34	213
132.0-132.9	1	182	329	246	112	74	677	493	773	457	1155
133.0-133.9	0	488	210	141	176	77	348	659	588	163	519
134.0-134.9	1	93	36	225	137	249	550	734	313	340	1034
135.0-135.9	63	93	36	99	94	246	286	673	394	149	503
136.0-136.9	67	257	65	293	45	85	326	493	337	41	79
137.0-137.9	5	188	81	314	23	86	180	535	158	324	601
138.0-138.9	41	177	135	174	114	207	373	637	189	94	278
139.0-139.9	41	15	151	174	93	208	313	536	126	197	656
140.0-140.9	4	397	81	177	1	43	416	489	103	21	156
141.0-141.9	4	235	65	198	1	37	288	376	80	60	281
142.0-142.9	68	494	76	277	22	36	339	530	83	85	359
143.0-143.9	63	352	139	150	22	38	187	487	83	81	176
144.0-144.9	16	602	117	108	1	75	380	536	96	129	430
145.0-145.9	15	421	148	234	1	72	266	507	98	92	234
146.0-146.9	55	167	94	295	0	19	306	422	89	112	104
147.0-147.9	57	328	188	168	0	19	213	614	111	163	249
148.0-148.9	41	261	116	293	113	65	338	690	208	201	623
149.0-149.9	44	172	162	82	113	68	266	643	187	229	639
150.0-150.9	63	267	138	183	71	35	268	601	115	99	127
151.0-151.9	63	16	107	181	93	32	208	375	138	124	156
152.0-152.9	70	7	368	176	84	24	201	482	280	192	272
153.0-153.9	72	7	290	71	67	26	181	438	253	125	198
154.0-154.9	68	6	262	90	67	69	307	444	274	265	309
155.0-155.9	196	6	230	48	63	67	274	330	308	176	266
156.0-156.9	82	6	259	34	38	46	172	250	132	47	125
157.0-157.9	81	6	235	55	38	46	127	152	99	131	175
158.0-158.9	97	6	179	30	64	54	205	290	193	175	300
159.0-159.9	96	6	148	9	64	53	186	213	196	147	299
160.0-160.9	95	5	102	40	29	20	160	225	136	166	198
161.0-161.9	93	5	25	19	34	20	121	167	136	91	197
162.0-162.9	138	5	3	28	22	6	206	138	158	108	199
163.0-163.9	136	5	19	49	17	5	164	121	184	65	196
164.0-164.9	88	6	35	76	38	14	215	135	226	138	211
165.0-165.9	98	9	19	76	38	17	142	106	221	264	234
166.0-166.9	176	7	24	126	25	26	176	91	169	171	148
167.0-167.9	177	7	24	126	25	24	125	87	154	354	170
168.0-168.9	124	10	35	33	31	42	144	71	267	218	230
169.0-169.9	123	10	35	12	31	41	87	63	263	214	229
170.0-170.9	147	2	6	77	4	0	89	45	138	208	117
171.0-171.9	147	1	6	77	5	0	61	43	148	124	120
172.0-172.9	101	20	37	227	1	7	67	31	126	393	87
173.0-173.9	101	20	37	227	1	7	27	36	129	307	87
174.0-174.9	114	17	66	40	45	12	51	31	183	517	250
175.0-175.9	116	17	66	40	45	13	49	31	185	601	251
176.0-176.9	207	8	40	75	1	7	19	6	96	385	77
177.0-177.9	208	8	40	76	2	6	4	4	75	458	74
178.0-178.9	134	162	6	58	63	15	64	64	210	642	362
179.0-179.9	133	0	6	60	62	15	66	65	200	635	358
180.0-180.9	180	13	43	12	7	6	15	13	92	350	120
181.0-181.9	181	103	44	13	8	6	18	9	95	265	127
182.0-182.9	188	114	84	5	2	3	3	30	70	509	60
183.0-183.9	188	24	84	5	2	3	3	35	70	282	66
184.0-184.9	196	36	94	56	14	16	43	29	105	473	214
185.0-185.9	195	40	126	56	15	16	40	27	101	585	219
186.0-186.9	115	111	200	13	27	10	15	21	80	233	128
187.0-187.9	114	111	200	13	28	10	10	22	76	234	125
188.0-188.9	117	94	114	27	75	43	28	51	76	694	253
189.0-189.9	117	94	114	28	77	50	22	49	81	395	262
190.0-190.9	113	28	136	48	47	30	19	10	50	406	65
191.0-191.9	114	29	140	48	51	24	14	12	49	219	66
192.0-192.9	138	14	60	139	10	35	10	21	18	120	49
193.0-193.9	138	14	60	140	15	37	19	27	21	296	64
194.0-194.9	126	43	207	145	53	60	48	32	32	282	263
195.0-195.9	126	45	223	145	60	59	60	37	32	410	274
196.0-196.9	103	101	177	53	59	165	24	29	36	130	55
197.0-197.9	103	101	177	54	62	170	37	52	40	138	72
198.0-198.9	69	32	128	118	166	64	60	45	63	401	289
199.0-199.9	69	32	128	119	178	58	74	51	63	274	284
200.0-200.9	66	17	79	11	47	118	30	17	18	101	43
201.0-201.9	66	19	76	10	50	124	46	19	23	51	24
202.0-202.9	86	30	134	75	71	132	32	28	30	99	101
203.0-203.9	85	30	134	70	84	134	52	22	29	130	94
204.0-204.9	79	28	57	45	295	66	40	16	41	71	119
205.0-205.9	79	25	60	45	282	59	70	28	45	74	111
206.0-206.9	81	13	20	73	109	31	68	16	33	61	98
207.0-207.9	82	13	20	265	104	44	36	17	31	56	71
208.0-208.9	180	24	78	249	155	78	72	48	59	178	190
209.0-209.9	181	24	79	53	152	65	51	55	56	159	157
210.0-210.9	123	23	21	46	83	42	66	14	32	85	78
211.0-211.9	123	23	24	43	87	46	46	11	39	93	57
212.0-212.9	49	22	16	68	67	66	71	18	31	42	82
213.0-213.9	50	22	19	68	74	68	50	23	33	35	58
214.0-214.9	63	22	25	84	138	60	75	44	57	91	193
215.0-215.9	70	37	25	81	141	60	70	42	50	84	192
216.0-216.9	110	40	50	62	96	98	47	14	42	42	92
217.0-217.9	110	41	58	67	87	89	61	16	41	38	92
218.0-218.9	84	41	56	44	177	169	95	107	102	116	177
219.0-219.9	84	41	57	48	176	178	117	107	97	117	180
220.0-220.9	90	58	47	69	90	60	72	25	45	40	55
221.0-221.9	90	58	64	66	97	61	58	24	45	42	56
222.0-222.9	162	56	80	60	111	142	60	10	45	73	101
223.0-223.9	163	56	81	60	109	136	52	12	50	62	84
224.0-224.9	165	64	123	105	157	178	80	78	124	93	132
225.0-225.9	145	100	110	104	158	188	68	73	130	84	133
226.0-226.9	138	83	39	48	94	162	67	28	75	59	61
227.0-227.9	138	89	39	36	100	173	69	24	81	54	65
228.0-228.9	133	91	110	114	210	428	126	188	206	188	202
229.0-229.9	134	91	97	160	201	427	124	184	193	189	205
230.0-230.9	136	114	83	79	100	250	80	38	103	70	89
231.0-231.9	140	143	104	113	123	234	101	51	117	79	88
232.0-232.9	150	148	154	43	122	231	80	26	96	48	80
233.0-233.9	150	144	150	59	112	250	84	32	102	45	77

234.0-234.9	158	121	117	82	202	421	280	142	255	167	155
235.0-235.9	165	141	109	261	206	402	252	139	243	162	171
236.0-236.9	166	166	89	707	191	322	165	75	185	92	91
237.0-237.9	172	164	83	496	191	330	161	80	174	88	80
238.0-238.9	134	161	100	329	295	445	362	356	344	288	116
239.0-239.9	127	101	101	332	302	437	358	351	373	278	115
240.0-240.9	138	158	57	300	140	274	198	89	119	196	91
241.0-241.9	137	142	80	341	155	299	257	119	130	205	98
242.0-242.9	141	138	88	89	187	290	214	101	142	78	130
243.0-243.9	137	140	89	100	190	285	212	106	133	73	128
244.0-244.9	216	149	120	158	312	342	409	331	370	367	177
245.0-245.9	220	128	94	124	304	357	388	321	358	353	176
246.0-246.9	186	117	98	315	256	321	272	168	221	306	197
247.0-247.9	191	131	98	306	260	318	275	154	234	313	196
248.0-248.9	156	190	112	119	251	351	416	510	470	366	201
249.0-249.9	155	164	117	353	257	351	400	514	521	373	198
250.0-250.9	108	108	113	308	179	354	248	170	262	287	105
251.0-251.9	105	103	117	300	168	376	289	170	186	297	103
252.0-252.9	97	95	83	315	149	229	268	144	211	272	107
253.0-253.9	103	105	86	296	140	191	217	158	211	263	106
254.0-254.9	99	116	108	318	232	308	498	415	314	420	130
255.0-255.9	82	89	84	333	229	278	428	354	310	418	153
256.0-256.9	69	100	98	498	140	136	239	273	253	231	159
257.0-257.9	73	101	109	539	151	159	259	297	262	255	192
258.0-258.9	75	100	73	735	277	306	354	485	301	307	160
259.0-259.9	71	87	80	721	276	294	408	506	321	400	175
260.0-260.9	58	90	135	807	130	166	224	191	173	212	144
261.0-261.9	61	89	109	512	103	196	237	223	145	224	138
262.0-262.9	54	61	67	297	98	194	211	257	175	234	175
263.0-263.9	54	83	67	309	99	194	168	238	192	238	179
264.0-264.9	58	78	75	95	147	156	300	342	252	184	125
265.0-265.9	26	57	57	116	161	161	298	341	256	194	136
266.0-266.9	19	32	45	81	90	193	227	218	154	251	179
267.0-267.9	19	47	42	90	96	179	166	203	206	245	188
268.0-268.9	18	37	33	263	96	155	184	332	261	232	344
269.0-269.9	18	27	40	460	87	154	223	308	235	249	348
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273.0-273.9	12	38	15	224	35	83	112	113	149	105	124
274.0-274.9	11	33	18	221	30	63	107	181	155	139	218
275.0-275.9	18	11	19	19	40	59	105	169	161	136	224
276.0-276.9	4	15	8	20	31	56	65	96	97	93	165
277.0-277.9	4	4	8	24	48	64	88	112	134	105	166
278.0-278.9	3	8	5	14	27	41	71	116	133	104	281
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281.0-281.9	1	3	2	7	15	24	31	58	65	67	94
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287.0-287.9	0	1	0	4	7	5	22	28	37	39	56
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305.0-305.9	0	0	0	0	0	0	2	4	0	3	29
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310.0-310.9	0	0	0	0	0	0	0	3	2	1	1
311.0-311.9	0	0	0	0	0	0	6	2	2	0	0
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313.0-313.9	0	0	0	0	4	0	0	0	0	1	14
314.0-314.9	0	0	0	0	0	0	0	0	0	2	11
315.0-315.9	0	0	0	0	0	0	0	0	0	2	11
316.0-316.9	0	0	0	0	0	0	0	0	0	0	29
319.0-319.9	0	0	0	0	0	0	0	0	0	0	24
322.0-322.9	0	0	0	0	0	0	0	0	0	0	10
323.0-323.9	0	0	0	0	0	0	0	0	0	0	18
324.0-324.9	0	0	0	0	0	0	0	0	0	0	16
325.0-325.9	0	0	0	0	0	0	0	0	0	0	10
326.0-326.9	0	0	0	0	0	2	0	0	0	1	8
329.0-329.9	0	0	0	0	0	2	0	0	0	0	6
TOTAL # FISH	358469	211791	143173	140486	260557	124578	94631	74982	71077	63407	98798
TOTAL CATCH(MT)	6400	4024	3746	3858	5408	6364	6370	5904	5993	6509	6713
TASK MT OR # FISH	33232	23935	15299	15316	30583	32521	40790	29876	30398	30102	45225

YEAR	60	61	62	63	64	65	66	67	68	69	70
YEAR QUARTER	0	0	0	0	0	0	0	0	0	0	0
25.0- 25.9	0	0	0	45476	0	0	0	0	0	0	0
26.0- 26.9	0	0	0	45476	0	0	0	0	0	0	0
27.0- 27.9	0	0	0	45476	0	0	0	0	0	0	0
28.0- 28.9	0	0	0	45476	0	0	0	0	0	0	0
29.0- 29.9	0	0	0	45476	0	0	0	0	0	0	0
30.0- 30.9	401	1889	5362	181907	184	193	41261	40206	51582	0	9596
31.0- 31.9	401	1889	5362	181907	184	193	41261	40206	51582	0	9596
32.0- 32.9	401	1889	5362	181907	184	193	41261	40206	51582	0	9596
33.0- 33.9	401	1889	5362	181907	184	193	41261	40206	51582	0	9596
34.0- 34.9	401	1889	5362	181907	184	193	41261	40206	51582	0	9596
35.0- 35.9	0	1889	39198	0	4914	0	41261	80413	93446	3187	0
36.0- 36.9	0	1889	39198	0	4914	0	41261	80413	93446	3187	0
37.0- 37.9	0	1889	39198	0	4914	0	41261	80413	93446	3187	0
38.0- 38.9	0	1889	39198	0	4914	0	41261	80413	93446	3187	0
39.0- 39.9	0	1889	39198	0	4914	0	41261	80413	93446	3187	0
40.0- 40.9	0	0	0	0	3	0	14656	13402	0	0	0
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42.0- 42.9	0	0	0	0	3	0	14656	13402	0	0	0
43.0- 43.9	0	0	0	0	3	0	14656	13402	0	0	0
44.0- 44.9	0	0	0	0	3	0	14656	13402	0	0	0
45.0- 45.9	0	0	0	0	3	0	0	6527	0	0	0
46.0- 46.9	0	0	0	0	3	0	0	6527	0	0	0
47.0- 47.9	0	0	0	0	3	0	0	6527	0	0	0
48.0- 48.9	0	0	0	0	3	0	0	6527	0	0	0
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53.0- 53.9	0	0	0	0	3	0	0	0	0	0	0
54.0- 54.9	0	0	0	0	3	0	0	0	0	0	0
55.0- 55.9	17	26	22	11	252	261	71	17	8	468	55
56.0- 56.9	17	26	22	11	252	261	71	17	8	468	55
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60.0- 60.9	62	93	4	42	920	887	275	83	55	1638	218
61.0- 61.9	62	93	4	42	920	887	275	83	55	1638	218
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65.0- 65.9	51	75	6	42	684	646	217	86	80	1180	164
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70.0- 70.9	21	25	14	15	211	195	65	34	36	332	55
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85.0- 85.9	228	334	124	360	721	396	582	814	1328	1844	531
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[illegible]	323	365	335	102	50	17	26	126	245	412
[illegible]	323	365	335	102	50	17	26	126	92	368
[illegible]	323	365	335	102	50	17	26	126	245	345
[illegible]	323	365	335	102	50	53	26	126	92	241
[illegible]	546	617	569	127	52	48	34	182	250	187
[illegible]	546	617	569	127	52	12	34	182	46	329
[illegible]	546	617	569	127	52	12	34	182	250	267
[illegible]	546	617	569	127	52	12	34	182	97	115
[illegible]	546	617	569	127	52	12	34	182	97	133
[illegible]	736	831	768	168	75	19	42	169	104	197
[illegible]	736	831	768	168	75	19	42	169	104	280
[illegible]	736	831	768	168	75	91	42	169	53	224
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[illegible]	691	780	718	360	122	102	49	176	60	149
[illegible]	691	780	718	360	122	138	49	176	111	107
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[illegible]	602	679	624	639	200	96	45	260	158	117
[illegible]	602	679	624	639	200	96	45	260	56	117
[illegible]	602	679	624	639	200	169	45	260	158	148
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[illegible]	422	474	435	755	379	138	208	241	50	127
[illegible]	422	474	435	755	379	138	208	241	101	102
[illegible]	422	474	435	755	379	138	208	241	101	111
[illegible]	422	474	435	755	379	102	208	241	101	125
[illegible]	422	474	435	755	379	102	208	241	152	64
[illegible]	297	334	302	724	569	152	209	220	207	155
[illegible]	297	334	302	724	569	152	209	220	156	117
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[illegible]	297	334	302	724	569	260	379	220	105	80
[illegible]	212	239	213	598	667	265	375	294	201	108
[illegible]	212	239	213	598	667	301	546	294	210	155
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[illegible]	212	239	213	598	667	301	375	294	159	222
[illegible]	184	208	180	455	635	253	388	253	230	148
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[illegible]	184	208	180	455	635	217	47	253	230	302
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[illegible]	184	208	180	455	635	253	388	253	230	332
[illegible]	130	147	122	335	466	318	389	322	340	324
[illegible]	130	147	122	335	466	318	219	322	136	270
[illegible]	130	147	122	335	466	318	219	322	289	195
[illegible]	130	147	122	335	466	246	219	322	238	310
[illegible]	130	147	122	335	466	246	219	322	238	250
[illegible]	68	76	65	239	333	381	223	359	443	318
[illegible]	68	76	65	239	333	381	223	359	188	348
[illegible]	68	76	65	239	333	273	223	359	239	316
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233.0-234.9	88	76	55	239	333	309	223	359	341	201	5
235.0-235.9	84	94	75	130	164	296	214	373	173	274	21
236.0-236.9	84	94	75	130	164	260	384	373	173	281	21
237.0-237.9	84	94	75	130	164	260	384	373	173	308	21
238.0-238.9	84	94	75	130	164	404	214	373	326	367	21
239.0-239.9	84	94	75	130	164	404	214	373	173	393	21
240.0-240.9	47	52	38	70	137	201	33	295	265	241	15
241.0-241.9	47	52	38	70	137	201	33	295	214	398	15
242.0-242.9	47	52	38	70	137	381	203	295	265	431	15
243.0-243.9	47	52	38	70	137	381	203	295	183	186	330
244.0-244.9	47	52	38	70	137	345	33	295	183	275	15
245.0-245.9	36	40	31	23	79	275	23	269	209	368	16
246.0-246.9	36	40	31	23	79	275	193	269	158	193	16
247.0-247.9	36	40	31	23	79	275	193	269	311	475	16
248.0-248.9	36	40	31	23	79	275	23	269	209	323	16
249.0-249.9	36	40	31	23	79	275	23	269	209	215	16
250.0-250.9	14	16	11	12	29	271	12	269	407	359	6
251.0-251.9	14	16	11	12	29	271	12	269	255	140	6
252.0-252.9	14	16	11	12	29	271	12	269	356	503	6
253.0-253.9	14	16	11	12	29	271	12	269	204	191	6
254.0-254.9	14	16	11	12	29	343	12	269	204	347	6
255.0-255.9	5	6	4	22	12	323	6	240	192	185	3
256.0-256.9	5	6	4	22	12	467	6	240	192	314	3
257.0-257.9	5	6	4	22	12	467	6	240	243	185	3
258.0-258.9	5	6	4	22	12	251	6	240	141	444	3
259.0-259.9	5	6	4	22	12	251	6	240	141	53	3
260.0-260.9	3	3	2	29	0	195	3	77	78	152	1
261.0-261.9	3	3	2	29	0	195	3	77	78	242	1
262.0-262.9	3	3	2	29	0	123	3	77	129	241	1
263.0-263.9	3	3	2	29	0	123	3	77	27	211	1
264.0-264.9	3	3	2	29	0	123	3	77	129	257	1
265.0-265.9	1	1	1	15	0	112	1	100	23	73	1
266.0-266.9	1	1	1	15	0	4	1	100	74	234	1
267.0-267.9	1	1	1	15	0	4	1	100	23	210	1
268.0-268.9	1	1	1	15	0	4	1	100	23	31	1
269.0-269.9	1	1	1	15	0	4	1	100	23	1	1
270.0-270.9	0	0	0	0	0	0	0	38	75	36	0
271.0-271.9	0	0	0	0	0	0	0	38	24	147	0
272.0-272.9	0	0	0	0	0	0	0	38	24	172	0
273.0-273.9	0	0	0	0	0	0	0	38	24	4	0
274.0-274.9	0	0	0	0	0	0	0	38	24	6	0
275.0-275.9	0	0	0	0	0	0	0	25	22	15	0
276.0-276.9	0	0	0	0	0	0	0	25	22	1	0
277.0-277.9	0	0	0	0	0	0	0	25	22	1	0
278.0-278.9	0	0	0	0	0	0	0	25	22	1	0
279.0-279.9	0	0	0	0	0	0	0	25	22	1	0
280.0-280.9	0	0	0	0	0	0	0	12	14	1	0
281.0-281.9	0	0	0	0	0	0	0	12	14	1	0
282.0-282.9	0	0	0	0	0	0	0	12	14	1	0
283.0-283.9	0	0	0	0	0	0	0	12	14	1	0
284.0-284.9	0	0	0	0	0	0	0	12	14	1	0
285.0-285.9	0	0	0	0	0	0	0	9	11	1	0
286.0-286.9	0	0	0	0	0	0	0	9	11	1	0
287.0-287.9	0	0	0	0	0	0	0	9	11	1	0
288.0-288.9	0	0	0	0	0	0	0	9	11	1	0
289.0-289.9	0	0	0	0	0	0	0	9	11	1	0
290.0-290.9	0	0	0	0	0	0	0	3	6	1	0
291.0-291.9	0	0	0	0	0	0	0	3	6	1	0
292.0-292.9	0	0	0	0	0	0	0	3	6	1	0
293.0-293.9	0	0	0	0	0	0	0	3	6	1	0
294.0-294.9	0	0	0	0	0	0	0	3	6	1	0
295.0-295.9	0	0	0	0	0	0	0	3	2	1	0
296.0-296.9	0	0	0	0	0	0	0	3	2	1	0
297.0-297.9	0	0	0	0	0	0	0	3	2	1	0
298.0-298.9	0	0	0	0	0	0	0	3	2	1	0
299.0-299.9	0	0	0	0	0	0	0	3	2	1	0
300.0-300.9	0	0	0	0	0	0	0	1	0	1	0
301.0-301.9	0	0	0	0	0	0	0	1	0	1	0
302.0-302.9	0	0	0	0	0	0	0	1	0	1	0
303.0-303.9	0	0	0	0	0	0	0	1	0	1	0
304.0-304.9	0	0	0	0	0	0	0	1	0	1	0
310.0-310.9	0	0	0	0	0	0	0	2	0	1	0
311.0-311.9	0	0	0	0	0	0	0	2	0	1	0
312.0-312.9	0	0	0	0	0	0	0	2	0	1	0
313.0-313.9	0	0	0	0	0	0	0	2	0	1	0
314.0-314.9	0	0	0	0	0	0	0	2	0	1	0
315.0-315.9	0	0	0	0	0	0	0	4	0	1	0
316.0-316.9	0	0	0	0	0	0	0	4	0	1	0
317.0-317.9	0	0	0	0	0	0	0	4	0	1	0
318.0-318.9	0	0	0	0	0	0	0	4	0	1	0
319.0-319.9	0	0	0	0	0	0	0	4	0	1	0
320.0-320.9	0	0	0	0	0	0	0	2	0	1	0
321.0-321.9	0	0	0	0	0	0	0	2	0	1	0
322.0-322.9	0	0	0	0	0	0	0	2	0	1	0
323.0-323.9	0	0	0	0	0	0	0	2	0	1	0
324.0-324.9	0	0	0	0	0	0	0	2	0	1	0
TOTAL # FISH	50722	80139	260853	1187681	118944	65488	505946	702577	834558	1[illegible]	[illegible]
TOTAL CATCH(MT)	4815	5614	4794	6460	6295	5997	5326	8744	7933	8891	4681
TASK1 MT OR # FISH	4815	5614	4794	6460	6295	5997	5326	8744	7933	8891	4784

AREA MED1

YEAR	71	72	73	74	75	76	77	78	79	80	8
QUARTER	0	0	0	0	0	0	0	0	0	0	0
25.0- 25.9	0	0	0	0	0	6	536	406	105	171	0
26.0- 26.9	0	0	0	0	0	6	536	406	105	171	0
27.0- 27.9	0	0	0	0	0	6	536	406	105	171	0
28.0- 28.9	0	0	0	0	0	6	536	406	105	171	0
29.0- 29.9	0	0	0	0	0	6	536	406	105	171	0
30.0- 30.9	7757	0	4153	6149	5752	4545	17151	13448	9551	7649	5342
31.0- 31.9	7757	0	4153	6149	5752	4545	17151	13448	9551	7649	5342
32.0- 32.9	7757	0	4153	6149	5752	4545	17151	13448	9584	7671	5342
33.0- 33.9	7757	0	4153	6149	5752	4545	17151	13448	9584	7671	5342
34.0- 34.9	7757	0	4153	6149	5752	4545	21755	13448	9551	7649	5342
35.0- 35.9	30183	7193	13289	20179	23766	14253	31902	22128	1050	3550	348
36.0- 36.9	30183	7193	13289	20179	23766	14253	27423	22128	1050	3550	348
37.0- 37.9	30183	7193	13289	20179	23766	14253	27423	22128	1050	3550	348
38.0- 38.9	30183	7193	13289	20179	23916	14253	27298	22128	1050	3550	348
39.0- 39.9	30183	7193	13289	20179	23916	14253	27298	22128	1050	3550	348
40.0- 40.9	0	0	730	1072	914	807	3810	2967	262	171	0
41.0- 41.9	0	0	730	1072	914	807	3810	2967	262	171	0
42.0- 42.9	0	0	730	1072	914	807	3810	2967	274	178	0
43.0- 43.9	0	0	730	1072	914	807	3810	2967	274	178	0
44.0- 44.9	0	0	730	1949	914	807	3810	2967	262	171	0
45.0- 45.9	0	0	0	877	0	0	0	0	0	0	0
46.0- 46.9	0	19	0	5	3	39	1654	0	0	0	0
47.0- 47.9	0	24	0	7	3	49	2067	0	0	0	0
48.0- 48.9	0	24	0	7	3	49	2067	0	0	0	0
49.0- 49.9	0	24	0	7	3	49	2067	0	0	0	0
50.0- 50.9	0	24	0	7	3	58	2067	0	0	0	13
51.0- 51.9	0	24	0	7	3	58	2067	0	0	0	13
52.0- 52.9	0	24	0	7	11328	49	2067	0	0	1169	3670
53.0- 53.9	0	24	0	7	11328	49	2067	0	0	1169	3670
54.0- 54.9	0	24	0	11568	7395	839	2511	0	0	168	452
55.0- 55.9	0	30	1	11570	7397	860	2513	1	0	168	520
56.0- 56.9	0	1112	1	154	1561	112	2476	1	0	0	80
57.0- 57.9	0	1112	1	154	1561	112	2476	1	0	0	80
58.0- 58.9	391	30	1	8475	1327	70	3766	1	27	97	286
59.0- 59.9	391	30	1	8475	1327	70	3766	1	27	97	286
60.0- 60.9	0	56	5	13	511	93	2893	4	0	1421	5519
61.0- 61.9	0	56	5	13	511	93	2893	4	0	1421	5519
62.0- 62.9	0	56	527	13	464	105	2325	4	0	95	428
63.0- 63.9	0	56	527	13	464	105	2325	4	0	95	428
64.0- 64.9	0	56	68	1253	1558	1193	2889	4	0	778	2341
65.0- 65.9	0	50	66	1251	1557	1172	2887	3	0	776	2244
66.0- 66.9	510	154	2115	187	1664	656	2353	54	0	320	1052
67.0- 67.9	1020	207	2369	366	1752	1106	3461	54	0	320	1052
68.0- 68.9	1020	207	510	366	7225	2286	3461	3	26	308	953
69.0- 69.9	1020	207	510	366	7225	2286	3461	3	26	308	953
70.0- 70.9	1020	248	508	363	1198	7013	3484	7408	0	36	206
71.0- 71.9	1020	248	508	363	1198	7013	3484	7408	0	36	206
72.0- 72.9	1020	838	508	363	2689	1132	3747	13044	355	466	712
73.0- 73.9	1020	838	508	363	2689	1132	3747	13044	355	466	712
74.0- 74.9	1020	291	508	363	1488	929	6709	28747	737	2989	6653
75.0- 75.9	1020	310	510	366	1490	930	6712	28749	737	2989	7047
76.0- 76.9	1020	2263	510	1186	421	930	3475	9	878	21135	54262
77.0- 77.9	1020	2263	510	1186	421	930	3475	9	878	21135	54262
78.0- 78.9	1020	207	510	1656	2466	2789	3464	975	360	466	1082
79.0- 79.9	1020	207	510	1656	2466	2789	3464	975	360	460	1082
80.0- 80.9	1020	1946	510	366	13408	1324	6496	3	5	149	746
81.0- 81.9	1686	2220	528	464	13456	1983	3730	1330	1299	1221	1621
82.0- 82.9	2470	12082	1665	1558	13202	2373	1529	2214	2473	4251	7721
83.0- 83.9	2470	12082	1665	1558	13202	2373	1529	2214	2473	4251	7721
84.0- 84.9	2470	23972	2145	1412	5394	2562	3214	3500	2459	2427	2974
85.0- 85.9	2470	23947	2143	1409	5392	2540	3213	3498	2463	2429	2806
86.0- 86.9	2470	785	723	27526	14485	4069	3061	3032	3035	5269	9247
87.0- 87.9	2470	785	723	27526	14485	4069	3061	3032	3035	5269	9247
88.0- 88.9	2470	785	702	1442	19313	9009	4743	2227	2160	10426	24245
89.0- 89.9	2470	785	702	1442	19313	9009	4743	2227	2160	10426	24245
90.0- 90.9	3773	2633	737	648	6120	27553	48670	8555	2398	10504	24867
91.0- 91.9	3773	2633	737	648	6120	27553	48670	8555	2398	10504	24867
92.0- 92.9	2470	792	2257	648	1708	27834	2717	4145	2400	9507	21458
93.0- 93.9	2470	792	2257	648	1708	27834	2717	4145	2400	9507	21458
94.0- 94.9	2470	2098	22127	648	906	17199	1803	17907	3173	5041	8436
95.0- 95.9	2038	1994	22016	565	866	16962	1980	17769	3034	4927	8252
96.0- 96.9	306	244	246	229	902	29918	1175	8351	8937	6814	2923
97.0- 97.9	306	244	246	229	902	29918	1175	8351	8937	6814	2923
98.0- 98.9	452	15465	230	419	113	21959	882	1669	11063	10083	7733
99.0- 99.9	452	15465	230	419	113	21959	882	1669	11063	10083	7733
100.0-100.9	1579	2532	1058	2690	372	8241	913	5539	3425	3110	2670
101.0-101.9	1579	2532	1058	2690	372	8241	913	5539	3425	3110	2670
102.0-102.9	344	2293	181	1380	793	13787	911	3871	2064	2059	2511
103.0-103.9	344	2293	181	1380	793	13787	911	3871	2064	2059	2511
104.0-104.9	2091	270	3819	236	2307	12947	908	7468	2760	2621	2652
105.0-105.9	2091	257	3817	233	2305	12946	906	7464	2757	2620	2652
106.0-106.9	666	257	651	1664	1645	6842	1547	6283	2595	2791	3431
107.0-107.9	666	257	651	1664	1645	6842	1547	6283	2595	2791	3431
108.0-108.9	306	257	150	811	1817	4452	1658	6748	1604	1374	1413
109.0-109.9	306	257	150	811	1817	4452	1658	6748	1604	1374	1413
110.0-110.9	851	5852	2900	421	1026	1341	1329	6156	2199	1719	1164
111.0-111.9	851	5852	2900	421	1026	1341	1329	6156	2199	1719	1164
112.0-112.9	423	3814	147	230	558	1202	2018	3571	3209	2484	1484
113.0-113.9	423	3814	147	230	558	1202	2018	3571	3209	2484	1484
114.0-114.9	307	620	549	5895	177	2044	6631	1467	2510	1858	807
115.0-115.9	119	466	454	5752	97	1245	5931	221	1344	884	164
116.0-116.9	81	42	323	5560	1383	851	7782	25	2516	1723	169
117.0-117.9	81	42	323	5560	1383	851	7782	25	2516	1723	169
118.0-118.9	81	45	184	437	102	3455	8014	25	3965	2631	117
119.0-119.9	81	45	184	437	102	3455	8014	25	3967	2631	117
120.0-120.9	81	36	38	951	309	1452	663	18	72	111	159
121.0-121.9	81	36	30	951	309	1452	663	18	72	111	159
122.0-122.9	89	39	33	8178	64	2073	1057	18	2451	1623	147
123.0-123.9	89	39	33	8178	64	2073	1057	18	2451	1623	147
124.0-124.9	81	47	41	76	1893	1421	748	18	204	237	306
125.0-125.9	91	48	41	77	1892	1400	747	15	406	386	505

126.0-126.9	91	44	36	3678	1543	3017	1371	712	627	466	432
127.0-127.9	91	44	36	3678	1543	3017	1371	712	627	466	432
128.0-128.9	91	2178	35	1469	78	1477	528	15	281	204	396
129.0-129.9	91	2178	35	1469	78	1477	528	15	281	204	396
130.0-130.9	79	26	141	270	987	248	16	18	349	299	522
131.0-131.9	8	26	131	262	983	228	16	11	341	294	518
132.0-132.9	8	39	34	58	251	2213	33	11	545	382	264
133.0-133.9	8	39	34	58	251	2213	33	11	545	382	264
134.0-134.9	8	26	172	33	435	1263	43	11	287	226	471
135.0-135.9	3	14	170	31	431	1260	39	4	11	68	301
136.0-136.9	3	31	35	329	572	3110	79	19	18	22	106
137.0-137.9	3	31	35	329	572	3110	79	19	14	22	106
138.0-138.9	3	18	23	37	130	957	50	4	14	1382	3498
139.0-139.9	3	18	23	37	130	957	50	4	13	1382	3498
140.0-140.9	36	35	244	185	208	183	134	458	66	125	168
141.0-141.9	36	35	244	185	208	183	134	458	67	125	168
142.0-142.9	14	28	34	58	156	352	166	53	1	82	264
143.0-143.9	14	28	35	58	156	352	166	54	61	82	265
144.0-144.9	14	38	72	79	234	726	72	7	28	55	79
145.0-145.9	26	45	79	90	235	726	74	9	25	49	88
146.0-146.9	26	35	45	676	158	682	371	9	17	51	129
147.0-147.9	26	35	45	676	158	682	371	9	8	51	129
148.0-148.9	26	48	57	97	261	210	119	9	8	625	1607
149.0-149.9	26	48	57	97	261	210	119	9	8	625	1607
150.0-150.9	14	30	41	103	159	187	537	12	21	55	45
151.0-151.9	14	30	41	103	159	187	537	12	11	55	45
152.0-152.9	16	30	167	58	159	228	287	12	13	105	74
153.0-153.9	16	30	167	58	159	228	287	12	11	105	74
154.0-154.9	14	36	47	70	210	269	335	41	22	57	63
155.0-155.9	32	46	56	90	210	229	332	38	7	57	80
156.0-156.9	32	39	50	78	159	256	364	67	7	43	129
157.0-157.9	32	39	50	78	159	256	364	67	29	43	129
158.0-158.9	32	52	64	153	267	256	508	57	24	54	106
159.0-159.9	32	52	64	153	267	256	508	57	27	54	106
160.0-160.9	171	57	66	114	184	194	213	57	13	43	69
161.0-161.9	171	57	66	114	184	194	213	57	8	43	69
162.0-162.9	157	67	75	133	474	794	196	135	6	244	687
163.0-163.9	157	67	75	133	474	794	196	135	22	244	687
164.0-164.9	63	59	68	142	199	303	391	30	11	24	75
165.0-165.9	127	95	101	213	199	283	394	36	15	23	77
166.0-166.9	121	87	93	172	133	202	210	30	20	17	107
167.0-167.9	121	87	93	172	133	202	210	30	13	17	107
168.0-168.9	177	97	102	191	210	242	251	640	45	42	123
169.0-169.9	177	97	102	191	210	242	251	640	74	42	123
170.0-170.9	85	62	71	125	107	181	168	84	16	45	248
171.0-171.9	85	62	71	125	107	181	168	84	16	45	248
172.0-172.9	703	69	77	137	266	160	153	71	27	70	171
173.0-173.9	703	69	77	137	266	160	153	71	19	70	171
174.0-174.9	357	64	1025	153	122	208	193	138	38	83	221
175.0-175.9	326	47	1011	118	124	208	192	138	9	77	213
176.0-176.9	334	43	86	293	83	113	271	49	63	116	106
177.0-177.9	334	43	66	293	83	113	271	49	71	116	106
178.0-178.9	334	54	117	361	201	106	78	104	60	83	177
179.0-179.9	334	54	117	361	201	106	78	104	60	83	177
180.0-180.9	160	89	109	197	383	131	67	46	32	71	168
181.0-181.9	160	89	109	197	383	131	67	46	17	71	168
182.0-182.9	258	66	398	564	188	86	73	95	65	113	235
183.0-183.9	258	66	398	564	188	86	73	95	62	113	235
184.0-184.9	891	83	189	313	357	164	54	50	98	112	214
185.0-185.9	915	99	206	339	358	204	54	56	88	106	201
186.0-186.9	1173	77	987	195	187	116	75	198	42	68	168
187.0-187.9	1173	77	987	195	187	116	75	198	63	68	168
188.0-188.9	1891	99	346	391	353	183	75	144	80	156	199
189.0-189.9	1891	99	346	391	353	183	75	144	88	156	199
190.0-190.9	1399	100	832	647	220	106	39	81	13	73	254
191.0-191.9	1399	100	832	647	220	106	39	81	17	73	254
192.0-192.9	452	100	669	934	223	154	80	104	13	149	167
193.0-193.9	452	100	669	934	223	154	80	104	33	149	167
194.0-194.9	298	104	491	322	733	191	84	52	42	90	149
195.0-195.9	223	63	450	236	731	150	86	50	42	87	176
196.0-196.9	111	866	541	103	154	77	118	91	64	152	217
197.0-197.9	111	866	541	103	154	77	118	91	62	152	217
198.0-198.9	95	53	144	1647	211	727	11	33	33	92	240
199.0-199.9	95	53	144	1647	211	727	11	33	27	92	240
200.0-200.9	301	80	121	1423	739	479	57	90	120	74	199
201.0-201.9	301	80	121	1423	739	478	57	90	113	74	199
202.0-202.9	85	71	139	490	186	128	169	87	47	116	166
203.0-203.9	85	71	139	490	186	129	169	87	40	116	166
204.0-204.9	161	83	106	475	387	303	77	99	170	218	227
205.0-205.9	114	54	77	422	387	303	81	99	178	218	210
206.0-206.9	152	55	75	372	367	103	93	226	180	354	243
207.0-207.9	152	55	75	372	367	104	93	226	174	354	243
208.0-208.9	72	70	92	453	600	242	291	336	259	268	198
209.0-209.9	72	70	92	453	600	240	291	336	263	268	198
210.0-210.9	72	68	81	194	220	152	106	429	39	125	180
211.0-211.9	72	68	81	194	220	147	106	429	39	125	180
212.0-212.9	72	66	72	138	152	173	185	130	143	208	265
213.0-213.9	72	66	72	138	152	178	185	130	160	208	265
214.0-214.9	112	60	71	203	121	304	203	190	108	175	333
215.0-215.9	108	57	68	200	119	305	202	186	110	169	324
216.0-216.9	68	72	80	203	232	234	161	68	87	333	230
217.0-217.9	68	72	80	203	232	244	161	68	74	333	230
218.0-218.9	68	74	173	359	292	269	123	91	285	265	374
219.0-219.9	68	74	173	359	292	264	123	91	284	265	374
220.0-220.9	102	98	111	325	280	193	159	167	85	180	342
221.0-221.9	102	98	111	325	280	194	159	167	79	180	342
222.0-222.9	102	133	146	444	568	305	151	199	9	178	247
223.0-223.9	102	133	146	444	568	290	151	199	16	178	247
224.0-224.9	102	113	128	406	414	302	187	146	114	256	302
225.0-225.9	52	86	103	351	414	302	193	149	109	253	271
226.0-226.9	52	89	99	229	417	306	238	85	180	351	236
227.0-227.9	52	89	99	229	417	311	238	85	179	351	236
228.0-228.9	52	103	121	411	557	292	164	117	74	255	247
229.0-229.9	52	103	121	411	557	292	164	117	82	255	247
230.0-230.9	87	112	129	451	474	344	301	111	142	184	156
231.0-231.9	87	112	129	451	474	333	301	111	142	184	156
232.0-232.9	87	135	155	574	670	331	246	63	110	222	199
233.0-233.9	87	135	155	574	670	344	246	63	107	222	199

234.0-234.9	87	131	149	539	629	437	309	176	248	274	159
235.0-235.9	178	181	194	642	628	437	302	178	254	270	155
236.0-236.9	178	174	185	486	588	373	202	161	412	379	196
237.0-237.9	178	179	185	486	588	368	202	161	412	379	196
238.0-238.9	178	179	187	535	593	402	274	223	359	348	189
239.0-239.9	178	179	187	535	593	402	274	223	352	348	189
240.0-240.9	199	171	178	550	452	350	331	136	247	292	163
241.0-241.9	199	171	178	550	452	354	331	136	251	292	163
242.0-242.9	199	171	176	500	447	381	376	116	247	351	82
243.0-243.9	199	171	176	500	447	384	376	116	247	351	82
244.0-244.9	199	171	183	628	473	477	442	203	184	280	104
245.0-245.9	281	216	221	719	471	465	445	205	179	283	104
246.0-246.9	281	211	202	429	381	435	490	244	320	307	136
247.0-247.9	281	211	202	429	381	435	490	244	320	307	136
248.0-248.9	281	210	204	478	384	281	259	212	179	187	80
249.0-249.9	281	210	204	478	384	277	259	212	182	187	80
250.0-250.9	200	156	151	376	331	381	400	265	142	195	66
251.0-251.9	200	156	151	376	331	381	400	265	142	195	66
252.0-252.9	200	156	195	326	326	329	349	304	213	147	154
253.0-253.9	200	156	195	326	326	322	349	304	213	147	154
254.0-254.9	200	141	136	323	213	386	408	229	145	171	83
255.0-255.9	184	131	126	306	212	389	407	229	141	168	83
256.0-256.9	184	122	115	237	130	260	275	120	141	314	27
257.0-257.9	184	122	115	237	130	277	275	120	141	314	27
258.0-258.9	184	133	126	284	222	323	322	81	211	360	51
259.0-259.9	184	133	126	284	222	320	322	81	211	360	51
260.0-260.9	79	61	60	169	134	231	261	99	318	144	36
261.0-261.9	79	61	60	169	134	231	261	99	319	144	36
262.0-262.9	79	60	57	141	119	164	171	79	177	181	73
263.0-263.9	79	60	57	141	119	173	171	79	177	181	73
264.0-264.9	79	58	57	163	108	247	180	128	142	96	42
265.0-265.9	75	55	54	159	108	254	180	126	141	97	42
266.0-266.9	75	49	46	96	52	147	135	29	250	52	46
267.0-267.9	75	49	46	96	52	143	135	29	250	52	46
268.0-268.9	75	49	109	96	52	225	266	113	106	111	25
269.0-269.9	75	49	109	96	52	225	266	113	106	111	25
270.0-270.9	43	26	25	76	15	109	147	116	35	25	17
271.0-271.9	43	26	25	76	15	109	147	116	35	25	17
272.0-272.9	43	25	23	48	0	163	208	174	70	0	36
273.0-273.9	43	25	23	48	0	163	208	174	70	0	36
274.0-274.9	43	25	23	48	0	88	117	116	141	13	24
275.0-275.9	16	9	8	18	0	88	117	116	141	13	24
276.0-276.9	16	9	8	18	0	54	72	39	35	12	18
277.0-277.9	16	9	8	18	0	54	72	39	35	12	18
278.0-278.9	16	9	8	18	0	34	36	58	70	24	12
279.0-279.9	16	9	8	18	0	34	36	58	70	24	12
280.0-280.9	0	0	0	0	0	20	27	58	0	0	6
281.0-281.9	0	0	0	0	0	20	27	58	0	0	6
282.0-282.9	0	0	0	0	0	34	45	19	0	0	17
283.0-283.9	0	0	0	0	0	34	45	19	0	0	17
284.0-284.9	0	0	0	0	0	0	0	0	0	0	12
285.0-285.9	0	0	0	0	0	0	0	0	0	0	12
286.0-286.9	0	0	0	0	0	13	18	0	0	0	6
287.0-287.9	0	0	0	0	0	13	18	0	0	0	6
288.0-288.9	0	0	0	0	0	27	36	0	0	0	12
289.0-289.9	0	0	0	0	0	27	36	0	0	0	12
292.0-292.9	0	0	0	0	0	13	18	0	0	0	0
293.0-293.9	0	0	0	0	0	13	18	0	0	0	0
294.0-294.9	0	0	0	0	0	20	27	0	0	0	0
295.0-295.9	0	0	0	0	0	20	27	0	0	0	0
296.0-296.9	0	3	3	6	26	34	36	0	0	0	0
297.0-297.9	0	3	3	6	26	34	36	0	0	0	6
298.0-298.9	0	0	0	0	0	7	9	0	0	0	0
299.0-299.9	0	0	0	0	0	7	9	0	0	0	0
302.0-302.9	0	0	0	0	0	20	27	0	0	0	0
303.0-303.9	0	0	0	0	0	20	27	0	0	0	6
308.0-308.9	0	0	0	0	0	13	18	0	0	0	0
309.0-309.9	0	0	0	0	0	13	18	0	0	0	0
336.0-336.9	0	0	0	0	0	0	0	0	0	0	1
337.0-337.9	0	0	0	0	0	0	0	0	0	0	1
TOTAL # FISH	287991	219431	209838	374192	457658	605555	605442	500485	214388	323449	473102
TOTAL CATCH(MT)	6440	5894	6102	12932	11561	17311	11991	8920	7303	9254	10956
TASKI MT OK # FISH	6227	6310	6903	22702	16789	20364	14020	9122	7629	9781	10632