

UPDATING AND IMPROVEMENTS MADE ON ICCAT BLUEFIN CATCH-BY-SIZE DATA BASE

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SUMMARY

Following the recommendations made at the 1983 Bluefin Workshop, the 1982 bluefin catch-by-size data base was created for most of the fisheries. An exception is made for the Japanese longline fleet, for which Japanese scientists feel that the data are not adequate enough to warrant creating the data base. The historical catch-by-size data base agreed upon in 1983 was improved for the west Atlantic. Annual or quarterly frequencies agreed upon in 1983 for Japanese longliners and similar fleets were broken down by month using Japanese monthly catch data. However, the Japanese data should be considered as an informal alternative to the current base at this time. The Canadian and U.S. catch-by-size data base was redone on a monthly basis instead of a yearly basis. The new catch-by-size base will give better age separations.

RESUME

Suite à une recommandation formulée lors des Journées d'étude de 1983 sur le Thon rouge, la base de prise par taille de cette espèce pour 1982 a été établie pour la plupart des pêcheries. La seule exception est la palangre japonaise, pour laquelle les scientifiques japonais estiment que les données ne sont pas suffisamment exactes pour justifier la création d'une base. La base historique de prise par taille qui avait fait l'objet d'un accord en 1983 a été améliorée pour l'Atlantique ouest. Les fréquences annuelles ou trimestrielles acceptées en 1983 pour les palangriers japonais et les flottilles de même nature ont été ventilées par

mois au moyen des données japonaises mensuelles de capture. Les statistiques japonaises doivent néanmoins être considérées actuellement comme une simple alternative de travail à la base. La base de prise par taille du Canada et des Etats-Unis a été refondue par mois au lieu d'année. La nouvelle base fournit une meilleure ventilation par âge.

RESUMEN

De acuerdo con las recomendaciones hechas en la reunión del Grupo de Trabajo sobre el atún rojo, en 1983, se creó la base de datos de captura por talla de atún rojo (1982) para la mayor parte de las pesquerías. Una excepción es la flota de palangre japonesa, cuyos datos, en opinión de los científicos japoneses, no son lo suficientemente adecuados para justificar la creación de una base de datos. Respecto al Atlántico Oeste, se mejoró la base de datos históricos de captura por talla, sobre la cual se llegó a un acuerdo en 1983. Las frecuencias anuales o trimestrales, acordadas en 1983, referentes a los palangreros japoneses y flotas similares, se desglosaron por mes, empleando datos japoneses de captura mensual. Sin embargo, los datos japoneses deben ser considerados como una alternativa extra oficial a la actual base de datos. La base de datos de captura por talla, de Canadá y Estados Unidos, fue rehecha en base mensual en lugar de en base anual. La nueva base de captura por talla presentará una mejor separación de edades.

I. UPDATING (1982) BLUEFIN CATCH-BY-SIZE

At the time of the 1983 Bluefin Workshop, basic data for 1982 was not yet available. Therefore, the data base was prepared only up to and including 1981. As most of the basic data for 1982 have become available since then, the 1982 data base is created at this time.

Basic materials used

Table 1 shows the 1982 reported bluefin catches by fisheries and availability of size data. When the catches are reported both in number of fish (shown in parenthesis in the table) and weight, number of fish is used in this work. At the time the work was being carried out, the Japanese longline size data were not available. (They were received by the Secretariat later and listed in the Table 1 accordingly - see later section for details.)

Data substitutions

For the catches lacking corresponding size data, data substitutions were made. While doing the data substitutions, the procedures adopted at the 1983 Bluefin Workshop were followed as much as possible. These data substitutions are also shown in Table 1.

Canadian sample sizes have been reported in weight frequencies. The weights were converted into fork-length, using the monthly weight-length relationships reported in SCRS/79/98 (Collective Volume of Scientific Papers IX(2), p. 572).

Raising size frequencies to catches

If the catch is reported in number of fish, frequencies are raised directly to the catch. If the catch is reported in weight, sample weights have to be estimated before raising the size frequency to the corresponding catch. To estimate sample weight, the length-weight relationships agreed upon at the 1983 Workshop have been used.

Results

The results of this work is attached herewith as an Appendix Table. The standard ICCAT codes are used in the Table with the following exceptions:

Area code	1		East Atlantic	
Area code	2		West Atlantic	
Area code	3		Mediterranean	
Country code	91	Gear code	25	Italian Tyrrhenian Sea PS
Country code	91	Gear code	26	Italian Ligurian Sea PS
Country code	11	Gear code	6	Italian Adriatic Sea PS
Country code	45			Canarian fisheries (Spain)

The files on magnetic tape are also available at the Secretariat upon request.

Japanese 1982 catch-by-size

Since the Japanese size data were not yet available when this work was done, the Japanese scientists were requested to provide the catch-by-size for 1982. However, they responded that there are not yet adequate data for creating the catch-by-size data. Therefore, the current 1982 data base lacks estimates for catches by Japanese fisheries and those fisheries for which the Japanese data have to be used as substitutions. In Table 1, they are marked with "**".

II. IMPROVEMENTS MADE ON HISTORICAL CATCH-BY-SIZE DATA BASE

Catch-by-size data base currently agreed upon

At the 1983 SCRS meeting, a question was raised on the origin of the bluefin caught in early years by Japanese longliners in the central tropical Atlantic waters. The present east-west division lines adopted by the SCRS go through the middle of the concentration of catches in those years and, therefore, the data base agreed upon at the 1983 Workshop contains those catches both in the east and west Atlantic. After reviewing the catch distributions, the SCRS recommended "that bluefin tuna catches made by the Japanese longline fishery in 1957-1966 be reviewed in terms of its east-west division to be used in the stock analysis. Until a detailed study is completed, the Committee recommended that all catches from the equatorial and south Atlantic regions during those years be designated from the western stock, for analysis purposes under the two-stock hypothesis."

The Secretariat modified the data base according to this decision, removing the catches under question from the east Atlantic to the west Atlantic. The table published in the Collective Volume of Scientific Papers Vol. XIX (Bluefin Workshop Report) contains the revised data.

Possible improvements on the current data base

In 1983, the bluefin catch-by-size data base was prepared on a yearly basis (except for Japan which was estimated on a quarterly basis). At the Workshop, however, the scientists thought that time resolutions finer than a year will be required for analysis and they tentatively assigned the yearly estimates to quarters from which most of the catches came. At the same time, it was recommended that data base be broken down into months rather than quarters for any fisheries for which such data are available. This recommendation was further reiterated at the 1983 SCRS.

Mr. T. Nagai (Japan) responded to this recommendation in his letter of December 16, 1983, stating that the existing catch-by-size data on the quarterly basis is the finest one possible for the Japanese fleet. Mr. A. Gonzalez-Garces of Spain has also informed the Secretariat that Spanish historical catch-by-size cannot be further broken down into months.

The data (particularly size data) for the eastern Atlantic and the Mediterranean Sea are generally scarce and are collected only on a yearly basis for many fisheries. Many data substitutions were made as well. Therefore, for many of the fisheries it is impossible to break down catches, size data and catch-by-size into month.

On the other hand, catch and size data for the major western Atlantic fisheries (Canadian, Japanese and U.S.) for recent years are available by month and to the exact area. Monthly resolution of catch-by-size data would make estimation of age compositions of the catches much easier, as summing size frequencies on a yearly basis (presently available data) masks age separation by seasonal progression of the modes. Mr. M. Parrack has informed to the Secretariat that he will take the responsibility of re-creating the data base on a monthly basis for Canada and the U.S.A.

The work done at this time

Reviewing the recommendation made at the last SCRS, the present situation and the data availability, the Secretariat decided to break down the past catch-by-size data base only for the western Atlantic, with the assistance of Mr. Parrack.

Japanese catch-by-size base

The quarterly raised size frequencies for the fleets to which the Japanese size data were used were broken down into months, using the Japanese monthly catch data (formal Task II catch and effort data). The raised size frequencies for each quarter-year stratum is divided in por-

portion to monthly catches of the same time strata. Therefore, the size frequency distribution in percent is the same among the three months in each quarter.

As Mr. Nagai pointed out, it is still a point of discussion as to whether or not monthly catch-by-size for the Japanese longliners would be any better than the current base (by quarter). Therefore, the monthly base for the Japanese fleet is made at this time just as a possible alternative to the current quarterly base, which is still considered as the only agreed upon base, until there is an opportunity to discuss the matter among the bluefin scientists.

U.S. and Canadian catch-by-size base

The U.S. and Canadian data base was prepared in 1983 by lumping all the size samples by year and then raising them to the total annual catches. These annual catches-by-size are then arbitrary assigned to a quarter chosen for each fishery. Therefore, the age separations which are clear in monthly samples have been lost through the process of summing up by year.

Following the recommendation of the SCRS, the entire Canadian and U.S. base was re-processed. This time, biological samples were assembled by month and fishery, and raised to monthly catches which are generally recorded in terms of number of fish. In case catches are reported only in weight, monthly length-weight relations (SCRS/79/98) were used.

The data substitutions made are the same as reported in the Bluefin Workshop Report.

Since the annual size frequencies used in the 1983 work were not used at this time, but rather a whole new base was re-created on a monthly basis, the sum of the monthly frequencies by year does not agree with those reported in 1983.

Results

The improved monthly catch-by-size data thus created for the west Atlantic, 1960-81, is too large to make output tables which can be included in this report. However, they are available at the Secretariat on request either on magnetic tape or in a form of a hard copy.

Acknowledgement

This work was impossible without the cooperation of M. Parrack, T. W. Chewing and P. Phares, NMFS Southeast Center. The most of the work done using the computer facilities of the Miami Laboratory.

TABLE 1. 1982 BLUEFIN TUNA CATCHES, SIZE FREQUENCY DATA AVAILABLE AND
SUBSTITUTIONS MADE FOR SIZE DATA, BY FISHERIES

COUNTRY	GEAR	CATCH MT(£)	TIME	AREA	SAMPLE SIZE	SUBSTITUTIONS
ALGERIA	UNCL	250	Q-3*	MED.	NO	ITALY PS 82 MED.
BRAZIL JPN	LL	1		W.AT	NO	JAPAN 82 W.AT**
CANADA	HAND+	223	MONTHLY	W.AT	549	Weight frequency
	UNCL TRAP	(549) 68 (157)	MONTHLY	W.AT	157	Weight frequency
CHINA(TAIWAN)	LL	23		E.AT	NO	JAPAN LL 82 E.AT**
	LL	7		W.AT	NO	JAPAN LL 82 W.AT**
DOM. REP.	UNCL	115		W.AT	NO	JAPAN LL 82 W.AT**
FRANCE	BB	150		E.AT	NO	SPAIN BB 82 E.AT
	PSM	4818	MONTHLY	MED.		
	SPOR	30	MONTHLY*	MED.	NO	FRANCE PSM 82 MED.
	UNCL	30	MONTHLY*	MED.	NO	FRANCE PSM 82 MED.
GRENADA	UNCL	14		W.AT	NO	JAPAN LL 82 W.AT**
ITALY (Tyrrenian) (Adriatic) (Ligurian)	HARP	24	Q-2*	MED.	NO	ITALY PS 82 MED.
	PS	2182	Q-2*	MED.		
	PS	400	Q-2*	MED.	NO	ITALY PS 78 ADR.
	PS	3260	MONTHLY*	MED.	NO	FRANCE PSM 82 MED.
	HARP TRAP	24 155	Q-2* Q-2*	MED. MED.	NO NO	ITALY PS 82 MED. ITALY PS 82 MED.
JAPAN**	LL	2573	QUARTERLY	E.AT	56	
	LL	(16166) 292 (2516)	QUARTERLY	W.AT	158	
	LL	961 (4803)	QUARTERLY	MED.	122	
LIBYA	UNCL	310	Q-2*	MED.	NO	ITALY PS 82 MED.
MALTA	UNCL	40	Q-2*	MED.	NO	SPAIN TRAP 81 MED.
MEXICO	UNCL	14	Q-2*	W.AT	NO	JAPAN LL 82 W.AT**
MOROCCO	PS	600	Q-3*	E.AT	NO	MOR. PS 72+73 E.AT
NORWAY	PS	50	Q-3*	E.AT	NO	NORWAY PS 81 E.AT
PANAMA	LL	12		W.AT	NO	JAPAN LL 82 W.AT**
	LL	12		E.AT	NO	JAPAN LL 82 E.AT**
PORTUGAL (Azores) (Madeira) (Mainland)	BB	30	M-7	E.AT	120	
	HAND	1	Q-1*	E.AT	67	
	SURF	10	Q-3*	E.AT	NO	SPAIN HAND 82 E.AT

SPAIN (Can.Is.) (Peninsula)						
BB	43	MONTHLY	E.AT	10		
BB	734	MONTHLY	E.AT			RAISED FREQ. REC'D
HAND	12	MONTHLY	E.AT			RAISED FREQ. REC'D
LL	104	MONTHLY	E.AT			RAISED FREQ. REC'D
SURF	15	MONTHLY	E.AT			RAISED FREQ. REC'D
TRAP	1916	MONTHLY	E.AT			RAISED FREQ. REC'D
BB	53	MONTHLY	MED.			RAISED FREQ. REC'D
LL	538	MONTHLY	MED.			RAISED FREQ. REC'D
PS	277	MONTHLY	MED.			RAISED FREQ. REC'D
SPOR	55	MONTHLY	MED.			RAISED FREQ. REC'D
TRAP	66	MONTHLY	MED.			RAISED FREQ. REC'D
TUNIS	UNCL	100	Q-2*	MED.	NO	ITALY PS 82 MED.
TURKEY	UNCL	825	Q-2*	MED.	NO	ITALY PS 82 MED.
U.S.A.	HAND	134	MONTHLY	W.AT	429	RAISED FREQ. REC'D
		(429)				
	HARP	80	MONTHLY	W.AT	294	RAISED FREQ. REC'D
		(294)				
	LL	68	MONTHLY	W.AT	249	RAISED FREQ. REC'D
		(249)				
PS	202	MONTHLY	W.AT	933	RAISED FREQ. REC'D	
PSG	5	MONTHLY	W.AT			RAISED FREQ. REC'D
RR	200	MONTHLY	W.AT	871		RAISED FREQ. REC'D
URUGUAY	LL	3		W.AT	NO	JAPAN LL 82 W.AT**
YUGOSLAVIA	PS	496	Q-2*	MED.	NO	ITA.PS 78 ADRIATIC

*Time of the catches is not reported. Quarters are assigned to the catch following the decisions made at the 1983 Workshop.

**Catch-by-size has not yet been created (see text).

APPENDIX TABLE - 1982 BLUEFIN CATCH-BY-SIZE DATA BY FISHERY AND BY MONTH

Explanation of the table

The table is not in the ICCAT format but is a printout of the file. It should be read with the following format:

<u>Field No.</u>	<u>Columns</u>	<u>Format</u>	<u>Description</u>
1	1-2	I2	Year
2	3-4	I2	Country (see the previous page for special codes)
3	5-6	I2	Gear
4	7-8	I2	Time stratum (1-12 for months, 13-16 for quarters, 0 or 17 for year)
5	9	I1	Area (see above)
6	10-14	I5	Estimated catch (in 100 kg) = \hat{w} x no. of fish / 100
7	15-20	I6	Reported catch (either in no. of fish or in 100 kg)
8	21-25	I5	Mean length (in cm x 100)
9	26-31	I6	Mean weight (in kg x 100)
10	32-34	I3	First class interval in record (lower limit in cm)= L_{\min}
11	35-37	I3	Last class interval in record (lower limit in cm)= L_{\min}
12-24	38-128	13I7	13 consecutive frequencies between L_{\min} and L_{\max} inclusively

Each record has 13 frequencies but some of them could be 0's. L_{\min} and L_{\max} define only the first and last frequency class of each record. L_{\min} of the following record may not correspond to $L_{\max+1}$ of the previous record, if there are classes of 0 frequencies in between, since they are skipped.

82	820	93	8466	90257	7975	938	59	71	0	0	0	3	3	0	0	3299	3299	12639	12639	9219	9219				
82	820	93	8466	90257	7975	938	72	84	324	324	702	702	1080	1080	0	0	648	648	192	192	0	0			
82	820	93	8466	90257	7975	938	85	97	0	0	6	34	34	906	906	8289	8289	3103	3103	417	417				
82	820	93	8466	90257	7975	938	88	110	356	356	518	518	259	259	301	301	31	31	1078	1078	684	684			
82	820	93	8466	90257	7975	938	111	123	684	446	446	21	21	143	143	20	20	142	142	0	0				
82	820	93	8466	90257	7975	938	124	136	0	0	0	0	0	0	28	28	0	0	0	0	0	0			
82	820	93	8466	90257	7975	938	150	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
82	820	103	7778	78098	8126	996	59	71	0	0	0	133	133	0	0	438	438	10	10	13743	13743				
82	820	103	7778	78098	8126	996	72	84	10842	10842	108	108	16	16	270	270	0	0	50	50	0	0			
82	820	103	7778	78098	8126	996	85	97	0	1485	1485	0	0	184	184	289	289	1403	1403	2909	2909				
82	820	103	7778	78098	8126	996	98	110	1660	1660	833	833	30	30	624	624	149	149	805	805	2637	2637			
82	820	103	7778	78098	8126	996	111	123	2637	252	252	56	56	0	0	7	7	0	0	92	92				
82	820	103	7778	78098	8126	996	137	149	0	0	0	22	22	0	0	0	0	0	0	0	0	0			
82	820	113	16331	150242	8455	1087	59	71	0	0	0	0	0	0	0	0	0	90	90	0	0				
82	820	113	16331	150242	8455	1087	72	84	7155	7155	29689	29689	4634	4634	0	0	756	756	1797	1797	918	918			
82	820	113	16331	150242	8455	1087	85	97	918	2106	2106	648	648	0	0	1492	1492	352	352	5925	5925				
82	820	113	16331	150242	8455	1087	98	110	8477	8477	5142	5142	2506	2506	983	983	36	36	574	574	349	349			
82	820	113	16331	150242	8455	1087	111	123	349	707	707	40	40	506	506	18	18	0	0	0	0				
82	820	113	16331	150242	8455	1087	124	136	0	0	0	0	0	0	163	163	104	104	0	0	0	0			
82	820	123	1135	5036	10758	2254	72	84	0	0	0	0	639	639	0	0	0	0	43	43	0	0			
82	820	123	1135	5036	10758	2254	98	110	0	0	0	0	95	95	0	0	0	0	0	0	0	0			
82	820	123	1135	5036	10758	2254	111	123	0	844	844	14	14	0	0	291	291	0	0	0	0				
82	820	123	1135	5036	10758	2254	124	136	53	53	0	0	323	323	0	0	0	0	88	88	0	0			
82	820	123	1135	5036	10758	2254	137	149	0	128	128	0	0	0	0	0	0	0	0	0	0	0			
82	113	153	2500	25018742	16384	82	94	94	0	0	0	0	0	0	0	0	0	0	0	1	1	5	5		
82	113	153	2500	25018742	16384	95	107	107	5	9	8	17	17	18	18	15	15	9	9	9	9	9	9		
82	113	153	2500	25018742	16384	108	120	120	5	5	5	3	3	3	2	2	2	2	6	6	6	6			
82	113	153	2500	25018742	16384	121	133	133	8	10	10	10	10	10	10	12	12	10	10	10	10	7	7		
82	113	153	2500	25018742	16384	134	146	146	8	8	5	5	7	7	6	6	6	6	8	8	8	8			
82	113	153	2500	25018742	16384	147	159	159	9	4	4	3	3	3	1	1	5	5	2	2	2	2			
82	113	153	2500	25018742	16384	160	172	172	3	3	2	2	4	4	4	4	1	1	2	2	2	2			
82	113	153	2500	25018742	16384	173	185	185	3	3	3	3	3	6	6	8	8	8	8	9	9	7	7		
82	113	153	2500	25018742	16384	186	198	198	10	10	8	8	10	10	10	10	9	9	9	9	9	9	12	12	
82	113	153	2500	25018742	16384	199	211	211	12	11	11	13	13	12	12	12	12	13	13	13	13	13	13		
82	113	153	2500	25018742	16384	212	224	224	12	12	13	13	19	19	16	16	18	18	24	24	24	24	13	13	
82	113	153	2500	25018742	16384	225	237	237	13	24	24	20	20	14	14	14	14	13	13	13	13	13	13		
82	113	153	2500	25018742	16384	238	250	250	11	11	17	17	9	9	9	9	7	7	9	9	9	9	4	4	
82	113	153	2500	25018742	16384	251	263	263	4	6	6	6	6	4	4	5	5	4	4	4	4	4	4		
82	113	153	2500	25018742	16384	264	276	276	2	2	4	4	2	2	1	1	1	1	1	1	1	1	2	2	
82	113	153	2500	25018742	16384	277	289	289	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
82	118	143	240	2418742	16384	95	107	107	0	1	1	2	2	2	2	1	1	1	1	1	1	1	1		
82	118	143	240	2418742	16384	108	120	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
82	118	143	240	2418742	16384	121	133	133	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
82	118	143	240	2418742	16384	134	146	146	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1		
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82	118	143	240	2418742	16384	225	237	237	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1		
82	118	143	240	2418742	16384	238	250	250	1	1	2	2	1	1	1	1	1	1	1	1	1	1	0		
82	118	143	240	2418742	16384	251	263	263	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0		
82	125	143	21820	218218742	16384	82	94	94	4	4	0	0	2	2	2	2	4	4	6	6	6	6	42	42	
82	125	143	21820	218218742	16384	95	107	107	42	69	69	149	149	153	153	134	134	82	82	86	86	90	90		
82	125	143	21820	218218742	16384	108	120	120	44	44	44	44	27	27	17	17	21	21	50	50	56	56	71	71	
82	125	143	21820	218218742	16384	121	133	133	71	88	88	90	90	88	88	101	101	90	90	63	63	63	63		
82	125	143	21820	218218742	16384	134	146	146	73	73	42	42	59	59	54	54	50	50	69	69	65	65	77	77	
82	125	143	21820	218218742	16384	147	159	159	77	36	36	25	25	10	10	42	42	15	15	29	29	29	29		
82	125	143	21820	218218742	16384	160	172	172	27	27	17	17	34	34	34	34	13	13	17	17	17	17	25	25	
82	125	143	21820	218218742	16384	173	185	185	25	29	29	25	25	50	50	73	73	71	71	55	55	65	65		
82	125	143	21820	218218742	16384	186	198	198	88	88	69	69	84	84	84	84	84	84	80	80	80	80	101	101	
82	125	143	21820	218218742	16384	199	211	211	101	94	94	111	111	107	107	105	105	117	117	113	113	113	113		
82	125	143	21820	218218742	16384	212	224	224	107	107	117	117	168	168	142	142	159	159	212	212	212	212	113	113	
82	125	143	21820	218218742	16384	225	237	237	113	209	209	178	178	124	124	121	121	117	117	115	115	115	115		
82	125	143	21820	218218742	16384	238	250	250	94	94	147	147	82	82	80	80	63	63	80	80	80	80	38	38	
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822513	62	343	29344	7100	1168160172			0	0	0	84	0	0	0	0	0	0	0	0	0
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822513	72	395	35942	7705	1099	48	60	167	84	167	0	84	1086	585	1421	1086	1421	1170	1672	1839
822513	72	395	35942	7705	1099	61	73	0	334	334	0	84	167	167	0	334	84	251	501	251
822513	72	395	35942	7705	1099	74	86	836	418	1003	919	1254	1337	1588	1839	1504	1755	1086	1588	669
822513	72	395	35942	7705	1099	87	99	752	334	167	418	167	84	84	84	167	585	167	167	0
822513	72	395	35942	7705	1099100112			251	167	418	334	334	251	84	167	84	251	167	84	167
822513	72	395	35942	7705	1099113125			84	84	84	0	167	0	0	0	167	0	0	0	0
822513	72	395	35942	7705	1099126138			0	0	0	0	84	0	0	0	0	0	0	84	0
822513	72	395	35942	7705	1099152164			0	0	0	0	0	84	0	84	0	0	0	0	0

822513	82	808	444120412	18199	79	91	84	0	0	84	0	0	0	84	0	0	84	0	0
822513	82	808	444120412	18199	92104		0	0	0	0	0	0	84	0	0	0	0	0	0
822513	82	808	444120412	18199	131143		0	0	0	0	0	0	84	0	0	84	0	0	0
822513	82	808	444120412	18199	144156		0	0	0	0	84	0	0	0	0	0	0	0	0
822513	82	808	444120412	18199	183195		0	0	0	0	0	84	0	0	0	0	84	84	84
822513	82	808	444120412	18199	196208		0	0	0	251	0	0	0	84	0	84	84	0	0
822513	82	808	444120412	18199	209221		84	167	0	84	0	0	585	84	84	167	0	167	0
822513	82	808	444120412	18199	222234		251	84	0	0	0	251	0	251	0	0	167	0	0
822513	82	808	444120412	18199	235247		0	0	0	0	84	0	0	0	0	0	0	0	84
822513	82	808	444120412	18199	248260		84	0	84	0	0	84	0	0	0	0	0	0	0
822513	82	808	444120412	18199	261273		0	0	84	0	0	0	84	0	0	0	0	0	0
822513	92	413	217720873	18982	145157		84	0	0	84	0	0	0	0	0	0	0	0	0
822513	92	413	217720873	18982	158170		0	0	84	0	0	0	0	0	0	0	0	0	0
822513	92	413	217720873	18982	184196		0	0	0	0	0	0	0	84	0	0	0	0	0
822513	92	413	217720873	18982	197209		0	0	0	0	0	0	84	0	0	167	84	0	0
822513	92	413	217720873	18982	210222		0	167	84	167	84	0	167	0	251	0	0	0	0
822513	92	413	217720873	18982	223235		251	0	0	0	0	0	251	0	0	84	0	0	0