

RESPONSES TO THE ICCAT SMALL TUNA QUESTIONNAIRE

ICCAT Secretariat

During the 1996 SCRS, the Committee suggested that ICCAT circulate a questionnaire to all small tuna fishing countries, entities or fishing entities with a view to learning more about these fisheries. A questionnaire was drafted by the Small Tunas Species Group during the SCRS meeting and was sent to all ICCAT Contracting Parties and Non-Contracting Parties, entities or fishing entities with tuna fisheries, on 14 May 1997.

Completed Small Tuna Questionnaires were received from the following Contracting Parties: Japan, Morocco, Portugal, Sao Tome and Principe and United Kingdom (and UK-Bermuda), and from the following non-Contracting Parties, entities or fishing entities: Croatia, Greece, Grenada, Namibia, Nevis, Senegal, Sta Lucia, Chinese Taipei and Trinidad & Tobago. Replies were also received from Canada, South Africa, Cyprus, Denmark and Norway stating that they had no small tuna fisheries in the ICCAT Convention Area, or that only negligible quantities of the species in question were caught by local artisanal fisheries.

A table showing a summary of the information collected is attached. The information has been divided into fisheries which target small tuna species, and those which take these species as by-catch. According to the responses received, almost all by-catch of these species is retained, with the exception of some catches of Atlantic black skipjack (*Euthynnus alletteratus*) and frigate tuna (*Auxis thazard*) caught by the industrial baitboat and purse seine fisheries in Senegal.

Copies of the original forms received are available from the Secretariat on request.

REPONSES AU QUESTIONNAIRE ICCAT SUR LES THONIDÉS MINEURS

Secrétariat ICCAT

Lors de la réunion de 1996 du SCRS, le Comité a suggéré que l'ICCAT diffuse un questionnaire auprès de tous les pays, entités ou entités de pêche qui pêchent des thonidés mineurs afin d'en apprendre plus sur ces pêcheries. Un projet de questionnaire a été élaboré à cette occasion par le Groupe d'Espèces Thonidés Mineurs, et a été envoyé le 14 mai 1997 à toutes les Parties contractantes à l'ICCAT et parties, entités ou entités de pêche non contractantes qui pêchent le thon.

Les Parties contractantes suivantes ont fait parvenir les Questionnaires complétés sur les Thonidés Mineurs : le Japon, le Maroc, le Portugal, São Tomé e Príncipe, le Royaume-Uni (et les Bermudes), ainsi que les Parties, entités ou entités de pêche non contractantes suivantes : la Croatie, la Grèce, la Grenade, la Namibie, l'île de Nevis, le Sénégal, Ste Lucie, le Taïpei chinois et Trinité & Tobago. On a aussi reçu des réponses du Canada, de l'Afrique du Sud, de Chypre, du Danemark et de la Norvège déclarant qu'ils n'avaient pas de pêcheries de thonidés mineurs dans la Zone de la Convention ICCAT, ou que des quantités négligeables seulement de ces espèces étaient prises par des pêcheries locales artisanales.

Ci-joint un tableau résumant l'information rassemblée. On a séparé l'information relative aux pêcheries qui ciblent les thonidés mineurs et celle relative aux pêcheries pour lesquelles ces espèces représentent des prises accessoires. D'après les réponses reçues, presque toutes ces prises accessoires sont conservées, exception faite de quelques prises de thonine (*Euthynnus alletteratus*) et d'auxide (*Auxis thazard*) effectuées par les pêcheries industrielles de canneurs et de palangriers au Sénégal.

Des copies des formulaires originaux reçus sont disponibles sur demande au Secrétariat.

RESPUESTAS AL CUESTIONARIO ICCAT SOBRE PEQUEÑOS TÚNIDOS

Secretaría ICCAT

En el curso de la reunión del SCRS en 1996, el Comité sugirió que ICCAT hiciese circular un cuestionario a todos los países, entidades o entidades de pesca que pescan pequeños túnidos, con el fin de tener mas información sobre estas pesquerías. El Grupo sobre Pequeños Túnidos preparó un cuestionario durante la reunión del SCRS que fue enviado el 14 de mayo de 1997 a todas aquellas Partes contratantes de ICCAT y Partes, entidades o entidades pesqueras con pesquerías de pequeños túnidos.

Se recibieron los cuestionarios, debidamente cumplimentados de las siguientes Partes Contratantes: Japón, Marruecos, Portugal, Sao Tome e Principe y Reino Unido (y también de Bermuda) y de las siguientes Partes, entidades o entidades de pesca no Contratantes: Croacia, Grecia, Grenada, Namibia, Nevis, Senegal, Sta. Lucia, Taipei chino y Trinidad & Tobago. Igualmente, Canadá, Sudáfrica, Chipre, Dinamarca y Noruega comunicaron que no tenían pesquerías de pequeños túnidos en la Zona del Convenio ICCAT, o bien que algunas pesquerías locales artesanales obtenían pequeñas cantidades de las especies en cuestión.

Se adjunta una tabla con información al respecto. Se ha dividido en pesquerías cuya especie objetivo son los pequeños túnidos y pesquerías que los obtienen como captura fortuita. De acuerdo con las respuestas recibidas, se retienen casi el total de la captura fortuita, con excepción de algunas cantidades de bacoreta (*Euthynnus alletteratus*) y melva (*Auxis thazard*) capturadas por las pesquerías industriales de barcos de cebo y cerqueros en Senegal.

La Secretaría tiene copias de los formularios originales para quien los solicite.

**SUMMARY OF RESPONSES TO SMALL
TUNA QUESTIONNAIRE**

FLEET	SPECIES	GEAR	SEASON	AREA	VESSEL	TYPE	USE	STATISTICS & RESEARCH
TARGET								
<i>MAROC</i>	BON	GILL	Apr-Jun	33N 6W - 35N 8W	10-13m - 3-10gt - 80-120hp	coastal	con.loc.	surv.landing, eff /size sampling
	FRI	GILL	Apr-Jun	33N 6W - 35N 8W	10-13m - 3-10gt - 80-120hp	coastal	con.loc/oth	surv.landing, eff /size sampling
	BOP	PS	May-Oct	26N 10W - 26N 14W	15-25m - 40-130gt - 150/450 hp	coastal	con.loc/oth	surv. landing, eff
<i>PORTUGAL</i>	BON	TRAP		37N 07W	fixed net		loc.con	LB landing&eff/ wght/lgth rel
	BLT	TRAP		37N 07W	fixed net		loc.con	LB landing&eff/ wght/lgth rel
<i>SAO TOME</i>	FRI	PS,GILL,BB,HL,LL		EEZ Sao Tome / Pr		sub/coastal	loc.con/bait	
	WAH	PS,GILL,BB,HL,LL		EEZ Sao Tome / Pr		sub/coastal	loc.con	
	LTA	PS,GILL,BB,HL,LL		EEZ Sao Tome / Pr		sub/coastal	loc.con	
	MAW	PS,GILL,BB,HL,LL		EEZ Sao Tome / Pr		sub/coastal	loc.con	
<i>U.K.</i>	BON	TRAW	July-Nov	EEZ Mauritania	3229 grt, 4854 kw	industrial	export	
<i>UK Bermuda</i>	WAH	R&R	Apr-Nov	32 20N / 64 45 W	25-55 ft	sub, spor	loc. con	LB / rep, age + growth, tag
	BLF	R&R	Apr-Nov	32 20N / 64 45 W	25-55 ft	coastal, spor	loc. con	LB / rep, age + growth, tag
	LTA	HS, R&R	Apr-Nov	32 20N / 64 45 W	25-55 ft	coastal, spor	bait	Logbooks
<i>CROATIA</i>	BON	PS		Adriatic Sea				L/W, sex, vert no. gonads, fat
	LTA			Adriatic Sea				
	BLT			Adriatic Sea				
<i>GRENADA</i>	BLF	HL,TROL,HS		12 10N / 60 /40W	less than 30 ft / 75 HP	sub,coast,spor	loc. con	tag and release
	BON	HL,TROL,HS		12 10N / 60 /40W	less than 30 ft / 85 HP	sub,coast,spor	loc. con	
	BRS	HL,HS		12 10N / 60 /40W	beach seine/oars	sub, coastal	loc.con	
	KGM	HL,TROL		12 10N / 60 /40W	less than 30 ft / 75 HP	sub,coast,spor	loc.con	tag and release
<i>GREECE</i>	BON	PS		Medi (Aegean Sea)	12-20m, 20-40 grt, 150-350 HP	subsistence	loc. con	logbooks
<i>NEVIS</i>	BLF	GILL,R&R,TROL		15-20N-60-65W	5.5-10.5m, 25-250 hp	coastal	loc.con	survey, data coll.
	BON	GILL, HS, TROL		15-20N-60-65W	5.5-10.5m, 25-250 hp	coastal	loc.con	
	WAH	GILL,R&R,TROL		15-20N-60-65W	5.5-10.5m, 25-250 hp	coastal	loc.con	survey, data coll.
	KGX	GILL,R&R,TROL, HS		15-20N-60-65W 17N, 62-63W	5.5-10.5m, 25-300 hp 5.5-10.5m, 25-75 hp	coastal coastal	loc.con loc.con	

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<i>SENEGAL</i>	LTA	HL,HS	Jun-Dec	12N - 16N	40-70m - 300-500 tx	coast/ind/spor	con.loc/exp	
	BON	HL	Jan-Jun	12N - 16N	8-10m - 2T -15hp	sport	con.loc	
	WAH	RR	Jun-Nov	12N - 16N	8-10m - 2T -15hp	sport	con.loc	
	MAW	GILL, HL,HS,RR	May-Nov	12N - 16N	8-10m - 2T -15hp	coastal/sport	not spec.	
<i>STA LUCIA</i>	BLF	TROL,HL,R&R	Jan-Jun		2.6-13.7m/ 8-350 hp	sub, sport	loc.con, bait	surveys, growth res.
	LTA	TROL	Jan-Jun		2.6-13.7m/ 8-350 hp	sub, sport	loc.con, bait	surveys land, eff
	BON	PS, TROL	Jan-Jun		2.6-13.7m/ 8-350 hp	sub,spor,coast	loc.con	surveys catch,land,eff
	BLT	TROL, HL, R&R	Jan-Jun		2.6-13.7m/ 8-350 hp	sub,sport	loc.con, bait	surveys land, eff
	WAH	TROL,HL,HS	Jan-Jun		2.6-13.7m/ 8-350 hp	sub, sport	loc.con, bait	surv land, eff/ mat & age res
	SSM	TROL,HL, HS	Jan-Jun		2.6-13.7m/ 8-350 hp	sub,sport	loc.con,bait	surveys land, eff
	BRS	TROL, HL, R&R	Jan-Jun		2.6-13.7m/ 8-350 hp	sub,sport	loc.con,bait	surveys land, eff
	KGM	TROL, HL, R&R	Jan-Jun		2.6-13.7m/ 8-350 hp	sub,sport	loc.con,bait	surveys land, eff/ growth res
	CER	TROL, HL, R&R	Jan-Jun		2.6-13.7m/ 8-350 hp	sub,sport	loc.con,bait	surveys land, eff
	KGX	TROL, HL, R&R	Jan-Jun		2.6-13.7m/ 8-350 hp	sub,sport	loc.con,bait	surveys land, eff
<i>TRIN&TOB</i>	BLF	HL, R&R, LL		mostly inshore	6-23 m, 220-440 kg, 25-356 hp	sub, ind, spor	loc.con, exp	surveys land, eff/ tagging
	LTA	HL		inshore waters	6-23 m, 220-440 kg, 25-356 hp	subsistence	loc.con, bait	surveys land, eff
	WAH	HL, R&R		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub,coast,spor	loc.con, exp	surv land, eff/ tagging, ageing
	BRS	GILL, HL,HS,R&R		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub, spor	loc. con	LB land, surv land,eff/stock assess, age at length, biology
	KGM	GILL, HL, R&R		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub, sport	loc. con	LB land, surv land,eff/stock assess, age at length, biology

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FLEET	SPECIES	GEAR	SEASON	AREA	VESSEL	TYPE	USE	STATISTICS & RESEARCH
<i>BY-CATCH</i>								REMARKS
<i>JAPAN</i>	BLF	LL	all year	all Atlantic	50m, 400 grt, 1000 hp	industrial	other use	retained. logbooks
	WAH	LL	all year	all Atlantic	50m, 400 grt, 1000 hp	industrial	other use	retained. logbooks
	KGX	LL	all year	all Atlantic	50m, 400 grt, 1000 hp	industrial	other use	retained. logbooks
<i>MAROC</i>	LTA	GILL	apr-jun	33N 6W - 35N 8W	10-13m - 3-10 gt 80-120hp	coastal	loc con	retained
	BON	TRAW	mar/ nov	30N 6W - 35N 12W	15-24M - 40-80 gt 120-400hp	coastal	loc con	retained
	FRI	TRAP	apr-jun	34N 6W - 36N 8W			loc con, oth	retained
<i>CHIN.TAIP</i>	YOU	LL		Atlantic	> 200 grt 450-1300hp	industrial	export	retained
<i>CYPRUS</i>	BON,LTA					coastal		neligible quantities
	FRI					coastal		neligible quantities
<i>GRENADA</i>	BLF	HL,TROL		12 10N - 61 40W	less than 30 ft up to 75 hp	sub,coastal	loc.con	retained/tag and release
	BON	HL,TROL		12 10N - 61 40W	less than 30 ft up to 75 hp	sub,coastal	loc.con	retained
	WAH	HL,TROL		12 10N - 61 40W	less than 30 ft up to 75 hp	sub,coastal	loc.con	retained/tag and release
	BRS	HS		12 10N - 61 40W	beach seine /oars	sub,coastal	loc.con	retained
	KGM	HL,TROL		12 10N - 61 40W	less than 30 ft up to 75 hp	sub,coastal	loc.con	retained/tag and release
<i>SENEGAL</i>	LTA	PS,BB,HL,RR	jun-dec	12N - 16N	various according to gear	indust, coast	loc con, exp	some PS catch discarded
	BON	RR		12N - 16N	8-10m 2t 15hp	coast,sport	loc con	survey catch/landing/eff
	FRI	PS	jun-dec	12N - 16N	40-70m 200-500 tx	industrial		Discarded. Monitored.
	FRI	BB	jun-dec	12N - 16N	20-25m 50-100 tx	industrial		Most discarded. Monitored.
	WAH	HL	jun-oct	12N - 16N	8-10m 2t 15hp		loc con	retained
<i>TRIN&TOB</i>	BLF	GILL		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub	loc con	retained; surveys, tagging
	LTA	GILL, HS,LL		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub	loc con,bait	retained; surveys
	BON	GILL, HL,HS,LL		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub, ind	loc con, bait	retained; surveys
	FRI	GILL, HL, HS, LL		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub, ind	loc con, bait	retained; surveys
	WAH	GILL		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub, ind	loc con, exp	retained; surveys, tagging
	BRS	TRAW		inshore waters	6-23 m, 220-440 kg, 25-356 hp	ind	loc con	retained; surv, stock assess
	KGM	HS, LL		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub, ind		retained; surv,stock ass,tagg
	CER	HL		inshore waters	6-23 m, 220-440 kg, 25-356 hp	sub		retained