

COMMISSION EIGHTH REGULAR SESSION

Tumon, Guam, USA 26-30 March 2012

 ${\bf Additional\ Information\ for\ Draft\ Compliance\ Monitoring\ Scheme\ Report\ For\ 2010-INDONESIA\ -\ WCPFC-TCC7-2011/18\ -CMR/32}$

WCPFC8- DP-49 28 March 2012



TECHNICAL AND COMPLIANCE COMMITTEE

Seventh Regular Session

28 September - 4 October 2011 Pohnpei, Federated States of Micronesia

DRAFT COMPLIANCE MONITORING SCHEME REPORT FOR 2010 – INDONESIA

WCPFC-TCC7-2011/18 –CMR/32 8 August 2011

Paper prepared by Secretariat

PRELIMINARY COMPLIANCE MONITORING SCHEME FOR 2010 ACTIVITIES BY CCM

Draft Compliance Monitoring Report for 2010 – [Indonesia]

(i) <u>Catch and effort limits</u>

Para	Description of obligation	Application to CCM (CCM limit or N/A)	CCM implementation (actual catch or effort; measures used to limit catch or effort)	Compliance evaluation (compliant; potential compliance issues identified; additional information needed)	Additional information provided by CCM (causes; steps taken to address potential compliance issues; capacity building needed)
2005-02	South Pacific Albacore (note para 2 exemption)				
1	No increase in number of vessels actively fishing for albacore south of 20S above 2005 or 2000- 2004 levels	N/A			
2005-03	North Pacific Albacore (note paras 3 & 9 exempt	ions)			
2	No increase in current (2002-2004) fishing effort by boats fishing for north pacific albacore	N/A			
2006-04	Striped Marlin in the Southwest Pacific (note para	a 2 & 5 exemptions	s)		
1	Limit number of vessels fishing for striped marlin S of 15S to highest between 2000-2004	N/A	Reported that Art 11 of Regulation 03/2009 addresses minimization of non-target species, including striped marlin; no data on bycatch levels provided	Need clarification from ID on whether STR MAR fishery is target or bycatch fishery.	Indonesia Tuna longliner not exclusively targetting stripped marlin in the region. Stripped marlin is bycatch.
	Bigeye and Yellowfin (note exemptions or specific	applications in par	ras 6, 7, 10, 30, 34, 35 and 38)		
	ine fishery				
9	Not undermine measure by transferring PS effort to areas N20N or S20S	Applicable	ID gives information on the number of vessels operating, but is not specific to areas of the WCPFC-CA	Need additional information	Indonesia Purse-Seiner engage fishing operation in the IEEZ. No transfering PS effort from other areas.
10	<u>High Seas</u> : limit purse seine effort to 2004 or average of 2001-2004	500 days	No effort data reported for high seas	Need additional information	No Indonesia purse-seiner fishing in the high seas.
17	PNA EEZs: implement VDS to limit PS days fished to 2004 levels	N/A			
18	Non-PNA EEZs: Implement compatible measures to reduce PS fishing mortality on BET	Applicable	No information on compatible measures provided	Need additional information	Reducing PS fishing mortality on BET will be undertaken by limitation of number of FAD/Gear type. This scenario has been

					adopted in the draft of Minister Regulation on FAD.
Longlin	e fishery			•	
31	Long-line catch of YFT not to be increased from 2001-2004 levels	7,192mt Or 9,313 mt (2004)	ID reports in AR Part 1 its preliminary figures for 2010 LL YFT catch of 14,041mt	Potential compliance issue with excess catch	Total YF catch of 14,041 mt was harvested both from IEEZ and territorial waters. While fishing mortality max 9.313 (2004) shall be assumed from IEEZ and high seas. Indonesia need to improve data collection system to split out the catch harvested from IEEZ/high seas and territoarial waters.
32	CCMs with <2000T LL catch of BET in 2004 not to exceed 2000T	N/A			
33	CCMs with >2000T LL catch of BET in 2004 to implement 20% reduction in 2010 of the catch specified in Attachment F	8,413mt	ID reports in AR Part 1 its preliminary figures for 2010 LL BET catch of 1,221mt	In compliance	-
36	Catch limit for China to remain at 2004 levels pending agreement on catch attribution	N/A			
Other c	ommercial fisheries				
39	Cap capacity of other fisheries at 2004 or average 2001-2004 levels (excludes artisanal and <2000T fisheries)	HL BET: 2,000mt HL YFT: 5,666mt PL BET: 2,398mt PL YFT: 9,042 UNCLAS BET: 2,317mt UNCLAS YFT: 20,854	ID reports preliminary 2010 catch estimates in AR Part 1 as follows: HL BET = 34mt HL YFT = 1,651mt PL BET = 1,014mt PL YFT = 3,381 UNCLAS BET = 110mt UNLCAS YFT = 3,951mt	In compliance	
2009-03	South Pacific Swordfish (note para 5 exemption)				
1	Limit no. of swordfish vessels (S of 20S) to maximum number in any one year between 2000 – 2005.	Unident- ified limit	ID reports in AR Part 2 that improvements to data collection and logbook implementation are needed; export activities have been documented via	Need additional information on ID-flagged vessels fishing for SWO in the WCPFC-CA	

			IOTC Trade Info Scheme		
2	Limit swordfish catch (S of 20S) to maximum amount during any one year between 2000 – 2006.	Unident- ified limit	ID reports in AR Part 2 that improvements to data collection and logbook implementation are needed; export activities have been documented via IOTC Trade Info Scheme	Need additional information on SWO catch by ID vessels in the WCPFC-CA	
3	Don't shift effort to areas N of 20S.		No information provided	Need additional information	No Indonesia flagged vessel shifted to N of 20 S
2009-04	Sharks				
7	Implement 5% fin to weight ratio.		ID reports in AR Part 2 that Art 11 of Reg 03/2009 addresses minimization of non- target species; NPOA- Sharks in place	Need additional information on whether Reg 03/2009 and NPOA-sharks addresses CMM 2009-04 requirements	All parts of the sharks is fully utilized except guts and head. Ration between fin and body weight has not been scaled.
2009-07	Pacific Bluefin (note para 2 and 8 exemptions)				
2	Limit effort N of 20N to 2002-2004 level for 2010, except for artisanal fisheries. Not applicable to Korean EEZ	N/A			

(ii) Catch and effort reporting

Para	Description	Application to CCM (Applicable or N/A)	CCM implementation (type, accuracy, completeness and timeliness of reporting)	Compliance evaluation (compliant; potential compliance issues identified; or additional information needed)	Additional information provided by CCM (causes; steps taken to address potential compliance issues; capacity building needed)
2005-02	South Pacific Albacore				
Scienc	Report number of vessels against limit annually	N/A			
e Data					
for					
Comm					
ission					
and					
AR					

Par 2					
2005-03	North Pacific Albacore				
3	Report catches of NP albacore every 6 months (small coastal fisheries annually)	N/A			
4	Report all catches of albacore north of the Equator and all fishing effort directed at albacore north of the Equator annually by gear type (catch reported by weight, and effort reported by the measure most relevant to the gear type, including number of days fished as a minimum for all gear types)	N/A			
2006-04	Striped Marlin in the Southwest Pacific				
4	Report annually on catch levels of vessels that have taken striped marlin as a by-catch	Applicable	ID reports in AR Part 2 that Art 11 of Reg 03/2009 addresses minimization of non-target species, including striped marlin; no data on catch levels provided	Need additional information on bycatch levels of STR MAR and clarification whether this is only bycatch fishery for ID or targeted	STR Marlin is only bycatch.
	Report annually on number and catch levels of vessels fishing for striped marlin S of 15S	Applicable	ID reports in AR Part 2 that Art 11 of Reg 03/2009 addresses minimization of nontarget species, including striped marlin; no data on catch levels provided	Need additional information on bycatch levels of STR MAR and clarification whether this is only bycatch fishery for ID or targeted	
2007-04	Seabird Mitigation				
9	Report interactions and by-catches of seabirds in AR Part 1	Applicable	No information on seabird interactions provided in AR Part 1	Need additional information	 Promotion to use tori line in longline fishery is in progress. Based on information provided by longliner operator as well as Indonesia tuna association in the region, no seabird caught in longline fisheries at IEEZ.
2008-01	Bigeye and Yellowfin				
39	Report effort data for other commercial tuna fisheries	Applicable	Information provided in AR Part 1	Need additional information	
40	Provide catch and effort data and size composition data for all fleets in format required for Scientific Data	Applicable	C/E data provided, but no data on size composition for all fleets	Need additional information	
43	Annually report catch by species from landing	Applicable	No landing/transshipment	Need additional	Landing data (2010) as

information enclosed.	data reported		and transshipment ports	
No at sea transhipment undertaken by Indonesia flagged vessels.				
in AR Need additional information There are 406 fishing vessels fishing in the IEEZ. There are 6 vessels fishing on the HS.	No data reported in AR Part 2	Applicable	Report on implementation of this CMM for fishing vessels operating on the HS and in EEZs in Part 2 Report.	45
	l		Conservation and Management of Sea Turtles	2008-03
ovided No sea tutle landed. According to purse-seine operator, they soon safely release the turtle in case entangled in their net. But no record of it can be presented.	No data on FAO implementation provided in AR Part 2	Applicable	Report progress on implementation of FAO guidelines and information on all interactions with sea turtles in AR2	2, 5, 7(d)
	No ROP data provided in AR Part 2	Applicable	Report ROP data on this CMM in AR Part 2	3
			FADs and Catch Retention	2009-02
S Need additional No Indonesia purse- information seiner fishing in the high seas between 20 S and 20 N	No discard reports provided	Applicable	Report to ED within 48 hours of any discard the information in para 12	12
Need additional information No discard catch by Indonesia purse-seine vessels. No report shall be submitted.	None reported	Applicable	Vessels to provide hard copy to WCPFC Observer onboard	13
			Swordfish	
(\alpha) 110	No information on vessels fishing for SWO provided in AR Part 1	Applicable	Report in Part 1 Report on number of vessels that fished for swordfish and total catch for: (a) Vessels flying flag south of 20S (b) Vessels operating under charter as part of domestic fishery S of 20S (c) Any other vessels fishing in national jurisdiction S of 20S	8
			Sharks	2009-04

4	Report retained and discarded catches in Part 2 AR	Applicable	No information on shark retention or discarded catches provided in AR Part 2	Need additional information	
2009-07	Pacific Bluefin Tuna				
2, 3, 4	Report by 31 July 2010 to ED on measures taken				
	to implement para 2 effort limit	N/A			
	(Korea to report to ISC10 and NC6 on fisheries	IV/ A			
	involving bluefin tuna catches)				

(iii) Spatial and temporal closures and gear restrictions

Para	Description	Application to CCM (Applicable or N/A)	CCM implementation (implementation of requirements; verification by observers or VMS)	Compliance evaluation (compliant; potential compliance issues identified; or additional information needed)	Additional information provided by CCM (causes; steps taken to address potential compliance issues; capacity building needed)
2007-04	Seabird Mitigation				
1	To use two mitigation measures, one from Column A (side setting, bird curtain and weighted branch lines; night setting – minimum lights; Tori line; Weighted branch lines)	Applicable	No information provided on mitigation measures applied; reported in AR Part 2 that "Seabird never caught in by longliner in Indonesia waters"	Need additional information on seabird interactions with ID vessels fishing outside ID waters, and any mitigation measures used	 Promotion to use tori line in longline fishery is in progress. Based on information provided by longliner operator and association, no seabird caught in longline fisheries that fishing at IEEZ. There are 6 Indonesia longliners fishing in the High Seas such as Lina, Minako, Tomio, Minafa, Senko, Youko. No report on seabird interaction with their longline operation.

2008-01	Bigeye and Yellowfin				
17	PNA EEZs: implement 3IA 3 month FAD				
	closure period from 0000 hours on 1 July to	N/A			
	2400 hours on 30 September				
18	Non-PNA EEZs: implement compatible		No information provided	Need additional	DGCF has drafted a
	measures to reduce PS fishing mortality on BET			information	regulation on FAD
	in EEZs				utilization for purse-
		Applicable			seine fisheries and
					other gears type. Limitation of FAD
					number/gear type will
					be applied.
19	High seas: close high seas to fishing on FADs		No information provided	Need additional	DGCF has distributed
	between 20N and 20S from 0000 hours on 1 July		_	information	Circular Letter
	to 2400 hours on 30 September unless they have				regarding the closing
	an observer aboard				fishing on FAD to
		Applicable			longline operators.
					No Indonesia purse-
					seiner fishing in the
					high seas between 20 N
					and 20 S
22	High seas pockets: close high seas pockets in		No information provided	Need additional	No Indonesia purse-
	Attachment D to PS fishing from 1 January 2010	Applicable		information	seiner fishing in the
23	C. L. '(EAD. A. DI		No EAD more coment releas	Need additional	higsh seas pockets. FAD management plan
23	Submit FAD management Plan		No FAD management plan provided	information	will be developed once
		Applicable	provided	IIIIOIMacion	the amendmend of FAD
		Inppirodore			Minister Regulation is
					isssued.
30	Developing skipjack PS fisheries to restrict use		No information provided	Need additional	Restriction use of FAD
	of FADs in development plan			information	in skipjack purse-seine
		Applicable			fisheries has been
					adopted in the draft of
					amandmend FAD Minister Regulation.
2008-03	Conservation and Management of Sea Turtles	<u> </u>			Regulacion.
5	Purse seine mitigation of sea turtle catches –		ID reports in AR Part 2	Need additional	No sea turtle landed by
3	untangle and use of dip nets		that Art 11 of Reg 3/2009	information	purse-seine fishery.
	animage and use of dip new		addresses "surviving sea		Trading of any part of
		Applicable	turtles" but no specific		turtle is not allowed
			information on sea turtle		by law.
			mitigation in purse seine		
			fishery		
6	Longline mitigation of sea turtle catches- line		ID reports in AR Part 2	Need additional	No sea turtle landed by
	cutters and de-hookers	Applicable	that Art 11 of Reg 3/2009	information	longline fishery.
		1	addresses "surviving sea		Trading of any part of

7	Shallow set sword fishing gear mitigation of sea turtle catches – large circle hooks, whole finfish as bait, other measures.	Applicable	turtles" but no specific information on sea turtle mitigation in longline fishery ID reports in AR Part 2 that Art 11 of Reg 3/2009 addresses "surviving sea turtles" but no specific information on sea turtle mitigation in SWO shallow set fishery	Need additional information	turtle is not allowed by law.
2008-04	Driftnets Cl. 1 1 1 C. 4	T	TD managed in 3D David C	Need additional	
	Prohibit the use of large-scale driftnets on the high seas in the Convention Area.	Applicable	ID reports in AR Part 2 that Art 4 of Reg 08/2008 on "Gillnets in EEZ" limits drift gill net dimensions; information does not address use of driftnets on high seas	information on whether Reg 08/2008 implements high seas driftnet prohibition as per CMM 2008-04	Minister Regulation No.08/2008 stipulates that max length of large scale driftnet is 2.5 km enforced not only in the water under Indonesia national yurisdiction but including in the high seas.
5	Include a summary of MCS action related to large driftnet fishing on the high seas	Applicable	No summaries provided	Need additional information or confirmation that no MCS action took place	No Indonesia vessels using large sclae driftnet fishing in the highs seas. MCS is regularly undertaken both at sea and at port. No vilolation case founded in this regards.
	FAD closures and catch retention				
2	Take measures to ensure that PS vessels on the	high seas comply	with the rules relating to the FAD closu	ire	
4	No vessel shall conduct any part of a set within 1 nautical mile of a FAD	Applicable	ID reports in AR Part 2 that it has not fully complied with the measure; in process of monitoring FAD utilization	Potential compliance issues; Need additional information on progress with implementation	No Indonesia Purse- Seiner fishing in the high seas.
5	No vessel shall be used to aggregate fish or move aggregated fish	Applicable	ID reports in AR Part 2 that it has not fully complied with the	Potential compliance issues; Need additional	This technical issue has been adopted in the darft amandmen FAD

			measure; in process of monitoring FAD utilization	information on progress with implementation	regulation. But it is difficult to monitor it's implementation at sea (when fishing).
6	FADs and/or associated electronic equipment shall not be retrieved except in accordance with 6(a) and (b)	Applicable	ID reports in AR Part 2 that it has not fully complied with the measure; in process of monitoring FAD utilization	Potential compliance issues; Need additional information on progress with implementation	Most Indonesia pursesine ????
7	Vessels shall not be used in cooperation to catch aggregated fish, and shall not conduct any set within 1 nautical mile of a point where a FAD has been retrieved by another vessel within 24 hours preceding the set.	Applicable	ID reports in AR Part 2 that it has not fully complied with the measure; in process of monitoring FAD utilization	Potential compliance issues; Need additional information on progress with implementation	

(iv) Observer and VMS requirements

Para		Application to CCM (Applicable or N/A)	CCM implementation (implementation of requirements; verification by observers or VMS)	Compliance evaluation (compliant; potential compliance issues identified; or additional information needed)	Additional information provided by CCM (causes; steps taken to address potential compliance issues; capacity building needed)
2007-01	Regional Observer Programme				
7	Ensure vessels accept ROP observers if operate in HS and/or in more than one EEZ	Applicable	ID reports in AR Part 2 that it "has not yet followed the ROP"	Need additional information on whether ID fishing vessels are using observers	Article 84 Minister Regulation No.05/2008 concerning Capture Fisheries Business stipulates that vessels operator obligate to accept observer on- board. But no national observer on board mobilization undertaken due to budget constraint.
8	Meet coverage rate set by Commission	Applicable	No data on observer coverage has been provided	Need additional information	No national observer on board mobilization due to budget constraint.
9	Source observers as determined by the Commission	Applicable	ID reports in AR Part 2 that it "has not yet	Need additional information on where	Indonesia has conducted an observer training

10 and	Explain duties to Captains and ensure that vessel		followed the ROP" ID reports in AR Part 2	observers on ID vessels are from Need additional	funded by national budget as well as collaboration with OFCF Japan. Captain and operator
14vii	operators comply with Guidelines in Annex B	Applicable	that it "has not yet followed the ROP"	information	persuant to Article 84 Minister Regulation 5/2008 shall: Accept and assist observet on board to implement his duties and guarantee the safety of observer on board.
13	Nominate National Observer Coordinator	N/A	ID reports in AR Part 2 that it "has not yet followed the ROP"		
14ii	Requirement for non-national observers except when vessels operate principally in coastal waters but venture occasionally onto the HS or waters of a neighbouring State	Applicable	ID reports in AR Part 2 that it "has not yet followed the ROP"	For ID vessels operating outside ID EEZ, need information on observers	No observer on board mobilization has been undertaken.
Att K AnnC 4	Data obtained through the ROP to be submitted to the Commission	Applicable	ID reports in AR Part 2 that it "has not yet followed the ROP"	Need additional information	No data obtained through regional observer programme. No Indonesia vessels require observer on board due to it's fishing ground.
2007-02	Vessel Monitoring System				
2	Ensure vessels have ALC on in high seas S of 20N, and E of 175E in the area N of 20N, and comply with VMS requirements established by the Commission	Applicable	ID reports in AR Part 2 that Art 11 and 12 of Reg 05/2007, provide for VMS implementation, but unclear as to exact requirement; Art 88 of Reg 05/2008 requires VMS for foreign fishing vessels in ID EEZ and ID-flagged vessels >30GT; Art 19 of Reg 03/2009 implements a "VMS requirement", but unclear as to which	Need additional information and clarification on exact requirements of national Regulations and their implementation of CMM 2007-02; potential compliance issues identified; only 4 ID longline vessels and one ID carrier reported on VMS for 2010; ID vessels on RFV total 339	Specifically, VMS requirement is regulated under the Minister Regulation No. 05/2007, that stipulate: • Any Indonesia Fishing Vessel above 60 GT is obligated to fit and activate VMS on-line. • Any fishing vessel between 30GT-60GT is obligated to fit and activate VMS of-line. While Minister

					Regulation No. 05/2008 and No. 03/2009 stipulate that VMS is one of the provision to obtain fishing permit.
4	Vessels fishing in the area in para 2 that move north of 20N and west of 175 E keep their VMS switched on and continue to report to the Commission.	Unknown	No reports provided	Need clarification from ID on whether flagged vessels are fishing in northern area of WCPFC CA	No Indonesia vessel fishing at the north of 20 N and west of 175 E
9(a)	Comply with this CMM and equip with ALCs as per Commission requirements	Applicable	No specific information provided on ALC's used	Need additional information	Automatic Location Communicator (ALC)cek PSDKP
VMS SS	Ps				
8	CCMs submit all necessary data (VTAF) to the Commission	Applicable	3 VTAFs were provided by ID for 2010	Potential compliance issue	
9, 11, 13	Conduct VMS MTU audit and provide in AR Part 2 report to the Commission	Applicable	No audit information reported in AR Part 2	Need additional information	
7.2.2 7.2.4	Conduct and report results of MTU/ALC inspections in accordance with the agreed procedures	Applicable	No reports of MTU/ALC inspections provided	Need additional information	
7.2.3	Utilize the Commission VMS in accordance with the CMM and any SSPs agreed by the Commission	Applicable	Missing VTAFs and low level of high seas VMS reporting for 2010	Potential compliance issue	
7.2.5	Report any registered MTU/ALC that appears not to be in compliance with CMM 2007-02 and/or SSPs	Applicable	None reported	Need additional information or confirmation that all registered MTU/ALC are in compliance with CMM2007-02 and/or SSPs	
2008-01	Bigeye and Yellowfin				
19	During the FAD closure period, vessels engaging in fishing operations must carry on board an observer from the ROP, or cease fishing and return directly to port	Applicable	No information provided on implementation of this requirement	Need additional information	No Indonesia purse- seiner fishing in the high seas during the FAD closure.
28	PS vessels fishing between 20N and 20S exclusively on the HS and in EEZs of one or more coastal States, or in EEZs of two or more coastal States, must carry an ROP observer	Applicable	No information provided on implementation of this requirement	Need additional information	Indonesi purse-siner fishing in the IEEZ. No requirement to carry on ROP observer.
30	Developing skipjack PS fisheries between 20N and 20S must carry 100% observer coverage	Applicable	No information provided on implementation of this requirement	Need additional information	???

2009-02	FAD closure and catch retention				
11	Fish shall not be discarded from the vessel until an observer has estimated the species	Applicable	No information provided on implementation of this	Need additional information	No Indonesia purse- seiner fishing in the
	composition	rippiicabic	requirement	THI OTHER COLOR	area of FAD closure.
2009-06	Transhipment				
13	Vessels must carry ROP observers to observe		ID vessels are not		
	transhipment at sea	N/A	allowed to transship at		
			sea		

(v) Scientific data provision, reporting and handling

Para	Description	Application to CCM (Applicable or N/A)	CCM implementation (form, accuracy, completeness and timeliness of data submitted)	Compliance evaluation (compliant; potential compliance issues identified; or additional information needed)	Additional information provided by CCM (causes; steps taken to address potential compliance issues; capacity building needed)
Scientif	ic data to be provided to the Commission				
1	Estimates of annual catches for the calendar year	r in accordance wi			
	1) bigeye tuna 2) skipjack tuna 3) yellowfin tuna 4) blue marlin 5) black marlin (in the WCPFC Statistical Area N of the Equator; and the WCPFC Statistical Area E of 150W)	Applicable	SPC reports that ID provided data for LL, PS and OT fisheries	Data are provisional estimates	2011 provisional Catch: Bigeye tuna: 1,070 Skipjack tuna: 74,540 Yellowfin Tuna: 30,550 Blue marlin:- Black marlin: 30
	1) albacore tuna 2) striped marlin 3) swordfish 4) Pacific bluefin tuna (in the Pacific Ocean S of the Equator; the Pacific Ocean N of the Equator; the WCPFC Statistical Area N of the Equator; the WCPFC Statistical Area S of the Equator; and the WCPFC Statistical Area E of 150W)	Applicable	SPC reports that ID provided data for LL, PS and OT fisheries	Data are provisional estimates	Albacore : - Stripped marlin: 330 Swordfish: 10 Pacific bluefin : -
	1) blue shark 2) silky shark 3) oceanic whitetip shark 4) mako sharks 5) thresher sharks 6) porbeagle sharks (south of 20S) and 7) hammerhead sharks (winghead, scalloped, great and smooth) – Optional for 2010 report	Applicable	Estimates of shark catches by species have not been provided	Need additional information	Blue shark : - Silky Shark: - Oceanic whitetip shark: - Mako shark: - Thresser shark: 1,910 Hammerhead shark: 10

1) longline 2) pole-and-line Applicable Applicabl	2	Estimates of discards	Applicable	No reports provided	Need additional information	Tuna association clarified that all catch are retined on board.
2) pole-and-line 3) purse seine 4) trollers 3			r each gear type ir			
3) purse seine 4) trollers 3					_	
4) irollers Sets by Irollers No operational level catch and effort data in accordance with the standards in Annex 1: (note the alternative measure in para 3)		/ I	Applicable	Tebore not brovided	13346	
1) sets by longliners 2) sets by purse seiners 3) days fished by pole-and-line vessels 4) days fished by pole-and-line vessels 4) longliners 2) sets by purse seiners 3) days fished by pole-and-line vessels 4) days fished by prolems If coverage rate of operational level catch and effort data is less than 100%; catch and effort data aggregated by time period and geographic area in accordance with the requirements in paragraph 4: 1) longline catch and effort by month and areas of 5° x 5° 2) purse seine and ringnet by month, areas of 1° x 1° and type of school association 3) other fisheries targeting tuna by month and areas of 1° x 1° Unraised catch and effort data stratified by number of hooks between floats and finest possible resolution of time period and geographic area Catch and effort data raised to represented total catch and effort aggregated by year and areas of national jurisdiction and high seas in the WCPFC Statistical Area One operational data has been provided to SPC No operational data has been provided to SPC						
1) sets by longliners 2) sets by purse seiners 3) days fished by pole-and-line vessels 4) days fished by trollers 4 If coverage rate of operational level catch and effort data is less than 100%; catch and effort data aggregated by time period and geographic area in accordance with the requirements in paragraph 4: 1) longline catch and effort by month and areas of 5° x 5° 2) purse seine and ringnet by month, areas of 1° x 1° 4 Unraised catch and effort data stratified by number of hooks between floats and finest possible resolution of time period and geographic area Catch and effort data raised to represented total catch and effort aggregated by year and areas of national jurisdiction and high seas in the WCPFC Statistical Area No operational data has been provided to SPC	3	,	ance with the stan	dards in Annex 1: (note the alternativ	ve measure in para 3)	
2) sets by purse seiners 3) days fished by pole-and-line vessels 4) days fished by trollers If coverage rate of operational level catch and effort data is less than 100%; catch and effort data aggregated by time period and geographic area in accordance with the requirements in paragraph 4: 1) longline catch and effort by month and areas of 5° x 5° 2) purse seine and ringnet by month, areas of 1° x 1° Applicable Applicable No operational data has been provided to SPC In and type of school association 3) other fisheries targeting tuna by month and areas of 1° x 1° Unraised catch and effort data stratified by number of hooks between floats and finest possible resolution of time period and geographic area Catch and effort data raised to represented total catch and effort aggregated by year and areas of national jurisdiction and high seas in the WCPFC Statistical Area Applicable No operational data has been provided to SPC No operational data has been provided to SPC Information Need additional information Need additional information		•				
3) days fished by pole-and-line vessels 4) days fished by trollers If coverage rate of operational level catch and effort data is less than 100%; catch and effort data aggregated by time period and geographic area in accordance with the requirements in paragraph 4: 1) longline catch and effort by month and areas of 5° x 5° 2) purse seine and ringnet by month, areas of 1° x 1° and type of school association 3) other fisheries targeting tuna by month and areas of 1° x 1° Unraised catch and effort data stratified by number of hooks between floats and finest possible resolution of time period and geographic area Catch and effort data raised to represented total catch and effort aggregated by year and areas of national jurisdiction and high seas in the WCPFC Statistical Area Applicable No operational data has been provided to SPC Statistical Area			7 1 l- 1 -	been provided to SPC	information	
If coverage rate of operational level catch and effort data is less than 100%; catch and effort data aggregated by time period and geographic area in accordance with the requirements in paragraph 4: 1) longline catch and effort by month and areas of 5° x 5° 2) purse seine and ringnet by month, areas of 1° x 1° and type of school association 3) other fisheries targeting tuna by month and areas of 1° x 1° Unraised catch and effort data stratified by number of hooks between floats and finest possible resolution of time period and geographic area Catch and effort data raised to represented total catch and effort aggregated by year and areas of national jurisdiction and high seas in the WCPFC Statistical Area In coverage rate of operational data has been provided to SPC No operational data has been provided to SPC Information Need additional information			Applicable			
geographic area in accordance with the requirements in paragraph 4: 1) longline catch and effort by month and areas of 5° x 5° 2) purse seine and ringnet by month, areas of 1° x 1° and type of school association 3) other fisheries targeting tuna by month and areas of 1° x 1° Unraised catch and effort data stratified by number of hooks between floats and finest possible resolution of time period and geographic area Catch and effort data raised to represented total catch and effort aggregated by year and areas of national jurisdiction and high seas in the WCPFC Statistical Area No operational data has been provided to SPC		4) days fished by trollers				
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