

Comisión Interamericana del Atún Tropical
Inter-American Tropical Tuna Commission



SAC-09 INF-A Summarized overview of longline observers reporting
by CPCs pursuant to Resolution C-11-08

9th Meeting of the Scientific Advisory Committee La Jolla, California USA, 14-18 May 2018

TITLE

Datos para el informe anual relacionado con la resolución C-11-08

1. País
2. Año de pesca
3. Capturas totales de la flota palangrera (T)
4. Total de días de pesca en el año de la flota palangrera
5. Porcentaje de cobertura con observadores del esfuerzo de pesca (considerado como días de pesca)
6. Total de captura realizada por los buques con observadores a bordo
7. Composición por especie de las capturas realizadas en buques con observadores a bordo
8. Número de buques con observadores a bordo
9. Número de tortugas marinas atrapadas incidentalmente en viajes con observador
10. Se liberaron al mar las tortugas capturadas incidentalmente ?
11. Cantidad de tiburones capturados en viajes con observador
12. Cantidad de manta rayas capturadas en viajes con observador
13. Cantidad de picudos capturados en viajes con observador
14. Numero de anzuelos utilizados en los viajes de pesca con observador
15. Tipo de anzuelos utilizados

Information for the annual report related to Resolution C-11-08

1. Country .
2. Fishing year .
3. Total catches of the longline fleet (T)
4. Total fishing days in the year of the longline fleet
5. Percent coverage of fishing effort by observers (considered as fishing days)
6. Total catch by vessels with observers on board
7. Species composition of catches in vessels with observers on board
8. Number of vessels with observers on board
9. Number of sea turtles caught incidentally on trips with observers
10. Sea turtles caught incidentally were released?
11. Number of sharks caught in trips with observers
12. Number of rays captured on trips with observers
13. Number of billfishes captured in trips with observers
14. Number of hooks used on fishing trips with observer
15. Type of hooks used.



Reporting based on Circular Ref: 087-410 of 3 March 2014

2017	Non-coastal fishing entities				EPO Coastal nations						Not Reporting									
	CHN	JPN	KOR	TWN	BLZ	CHL	ECU	MEX	ESP	USA	CRI	FRA	GTM	NIC	PAN	PER	PRT	SLV	VEN	VUT
Country	Y	N ²	Y	P ⁵	Y	Y	Y	Y	Y	Y										
Fishing year – report submitted	Y	N ²	Y	P ⁵	Y	Y	Y	Y	Y	Y										
Total catches (mt)	N	N	N	Y	Y	Y	Y	Y	Y	N										
Fleet total efforts- effective fishing days	N	N ³	N	N ³	N	Y	N ⁶	N ⁶	N ⁶	P ²										
% observer coverage of effort- effective fishing days	N ¹	N ³	N ⁴	N ³	N ⁶	Y	N ⁶	N ⁶	N ⁶	N ⁷ /P ²										
%	Predicted over 5%	7.18%	4.10%	4.03% with received data, but estimated to reach 9.73-10.41%	70%	100%	10.20%	12.36%	4.64%	100% for shallow sets, predicted over 20% for deep sets										
Total observed catch	Y	Y	N	Y	Y	Y	Y	Y	Y	Y										
Species composition of observed catch	Y	P ⁴	Y	P ¹	P ³	P ³	Y	P ³	Y	Y										
Number of vessels with observers	N	N	N	Y	Y	Y	Y	Y	Y	N										
Observed turtle catch	Y	Y	Y	Y	Y	Y	Y	N ⁵	Y	Y										
Observed turtle release	N	Y	N	Y	Y	N	N	Y	Y	Y										
Observed shark catch	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y										
Observed ray catch	Y	Y	N	Y	Y	Y	Y	Y	N	Y										
Observed billfish catch	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y										
Observed total hooks	Y	N	Y	Y	Y	Y	Y	Y	Y	N										
Type of hooks	Y	N	N	Y	Y	Y	Y	Y	Y	Y										



Proposed format for use in observer reports for the EPO longline fishery

Member country or CPC	Country x						
		Shallow sets (<15 HPB or 150m max hook depth)			Deep sets (≥15 HPB or >150m max hook depth)		
Period covered		20 Feb 2018 to 27 April 2018			1 Feb 2018 to 5 April 2018		
		Observed	Total Fleet	%	Observed	Total Fleet	%
No. vessels		5	100	5.0	6	100	6.0
No. effective fishing days ¹		20	100	20.0	40	200	20.0
No. sets		2	20	10.0	2	40	5.0
No. hooks (thousands)		50	1000	5.0	700	10000	7.0
Predominant hook type (IATTC code)		C-30	C-30		C-32	C-30	
Predominant hook size		13/0	12/0		13/0	12/0	
	Non-retained species (in numbers, N)						
Species	Unit	Observed	Total Fleet	%	Observed	Total Fleet	%
Sea turtles	N	1	20	5.0	0	2	0
Marine mammals	N	1	5	20.0	0	0	0
Seabirds	N	12	50	24.0	0	0	0
Sharks	N	3256	22568	14.4	123	2036	6.1
Mobulid rays	N	5	200	2.5	0	0	0
Rays (not Mobulid rays)	N	1	100	1.0	0	0	0
Add rows for species	N						
	Retained species (in numbers (N) or weight in metric tons (MT), or kilograms(kg))						
Species	Unit	Observed	Total Fleet	%	Observed	Total Fleet	%
Bigeye tuna	MT	456	34355	1.2	5654	56756	11.3
Yellowfin tuna	MT	5465	24242	8.6	565	56777	2.5
Albacore tuna	MT	56	4332	5.6	4564	67756	7.8
Billfishes	N	876	6755	7.8	78	6487	6.9
Swordfish	MT	868	7655	6.9	2134	54656	8.0
Sharks	N	4353	85445	8.7	678	34536	5.6
Mahi-mahi	KG	6867	46545	8.9	234	5644	4.1
Add rows for species							



Comparison of current reporting vs. IATTC staff proposed standardization of March 2018

2017	Non-coastal fishing entities				EPO Coastal fishing entities					
Country	CHN	JPN	KOR	TWN	BLZ	CHL	ECU	MEX	ESP	USA
2017 Fishing year summary report	Y	N ²	Y	p ⁵	Y	Y	Y	Y	Y	Y
Total effective fishing days for fleet	N	N ³	N	N ³	N	Y	N ⁹	N ⁹	N ⁹	p ²
Total effective fishing days observed	N ⁹	N ³	N ⁴	N ³	N	Y	N	N	N ⁹	p ²
% observer coverage as effective fishing days	N ¹	N ³	N ⁴	N ³	N ⁹	Y	N ⁹	N ⁹	N ⁹	Y/p ²
observer coverage over 5% of effort	Predicted over 5%	7.18%	4.10%	4.03% with received data, but estimated to reach 9.73-10.41%	70%	100%	10.20%	12.36%	4.64%	100% for shallow sets, predicted over 20% for deep sets
Total number of vessels in fleet	N	N	N	N	N	Y	N	N	Y	N
Number of vessels with observers	N	N	N	Y	Y	Y	Y	Y	Y	N
Total number of hooks for fleet	N	N	N	N	N	Y	N	N	N	N ⁵
Total observed hooks	Y	Y	Y	Y	Y	Y	Y	Y	Y	N ⁵
Total number of sets for fleet	N	Y	N	Y	N	Y	N	N	N	p ²
Total Sets observed	Y	Y	Y	p ¹	N	Y	N	N	N	p ²
Total number of trips observed	Y	Y	Y	Y	N	N	N	N	N	N
Predominant hook type	Y	N	N	Y	Y	Y	Y	Y	Y	Y
Predominant hook size	N	N	N	N	N	Y	N	N	N	N
Distinguish between shallow and deep sets (ideally for categories 4-15)	N	N	N	N	N	Y	N	N	N	Y
Species composition of observed catch	Y	p ⁴	Y	p ¹	p ³	p ³	Y	p ³	Y	Y
Total catches by weight (mt) for retained species, by species	N	N	Y	Y	N ⁶	N	N	N ⁶	Y	N
Total catches, number of individuals for retained species	Y	Y	Y	p ¹	N	Y	Y	Y	N	Y
Total catches, number of individuals for non-retained/bycatch species	Y	Y	Y	p ¹	N ⁷	Y	Y	N ⁷	p ⁶	Y
Retained catch reported by species	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Non-retained catch/bycatch reported by species	Y	N/p ⁴	Y	p ¹	N	N	Y	N	p ⁶	Y
Observed turtle catch	Y	Y	Y	Y	Y	Y	Y	N ⁸	Y	Y
Observed turtle release	N	Y	N	Y	Y	N	Y	Y	Y	Y
Observed shark catch	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Observed ray catch	Y	Y	N	Y	Y	Y	Y	Y	N	Y



Status of reporting of operational observer data and metadata by CPCs

	2013	2014	2015	2016	2017	Metadata
BLZ	Red	Red	Red	Red	Yellow	Red
CHL	Red	Red	Red	Red	Yellow	Red
CHN	Red	Red	Red	Red	Yellow	Red
CRI	Red	Red	Red	Red	Yellow	Red
ECU	Red	Red	Red	Red	Yellow	Red
EU (Portugal)	Red	Red	Red	Green	Yellow	Red
EU (Spain)	Red	Red	Red	Red	Yellow	Red
FRA	Red	Red	Red	Red	Yellow	Red
GTM	Red	Red	Red	Red	Yellow	Red
JPN	Yellow (NA ¹)	Yellow (NA ¹)	Green	Red	Yellow	Green
KOR	Red	Red	Red	Red	Yellow	Red
MEX	Red	Red	Red	Red	Yellow	Red
NIC	Red	Red	Red	Red	Yellow	Red
PAN	Red	Red	Red	Red	Yellow	Red
PER	Red	Red	Red	Red	Yellow	Red
PRT	Red	Red	Red	Red	Yellow	Red
SLV	Red	Red	Red	Red	Yellow	Red
TWN	Green	Green	Green	Green	Green	Red
USA	Green	Green	Green	Green	Green	Red
VEN	Red	Red	Red	Red	Yellow	Red
VUT	Red	Red	Red	Red	Yellow	Red





Questions



© ISSF (2013)

Photo: Jeff Muir