

5th SESSION OF THE WORKING PARTY ON ECOSYSTEMS & BYCATCH, 12 – 14 OCTOBER 2009

SHARKS MADAGASCAR – Tiana Randriambola

According to the data available from the long liners working in the South, South-east and East Coast of Madagascar thanks to observers, we can say that sharks are the target species by long liners. This practice is known since 1994, information given by observer on board staying during 6 month on one of these long liner vessel. This massacre is stopped by picking up one of them by our patrol vessel on 2005. Sharks on board represent 80% of the total catch, according to the fishing agreement signed between the society and the Ministry in charge of Fisheries in which the target species are tuna and tuna like species, we seize all the catch and declare the long liner to be committing an offence. Since this action, the quantity of catch of shark is reduced. These long liners seldom touched port, they stay for a year at sea and make an appointment with its supplier vessel (transshipment of the catch, refuelling, food supplies, crew changes).

LONG LINERS CATCH IN MALAGASY FISHING GROUND

Period	<i>Coryphaena hippurus</i>	<i>Istiophorus platypterus</i>	<i>Katsuwonus pelamis</i>	<i>Makaira indica</i>	<i>Makaira mazara</i>	<i>Thunnus alalunga</i>	<i>Thunnus albacares</i>	<i>Thunnus obesus</i>	<i>Xiphias gladius</i>	SHARKS	GENERAL TOTAL
01/07/2004 to 30/06/2005	771	189	8	111	0	1 607	17 788	2 545	7 910	100 875	131 804
Percentage	0,58	0,14	0,01	0,08	0,00	1,22	13,50	1,93	6,00	76,53	
01/07/2005 to 30/06/2006	45 502	16 377	30 333	7 620	11 688	575 427	227 368	400 999	46 621	100 415	1 462 350
Percentage	3,11	1,12	2,07	0,52	0,80	39,35	15,55	27,42	3,19	6,87	
01/07/2006 to 30/03/2007	4 420	713	177	0	860	4 119	11 060	13 042	15 146	862	50 399
Percentage	8,77	1,41	0,35	0,00	1,71	8,17	21,94	25,88	30,05	1,71	
TOTAL ON 3 YEARS	50 693	17 279	30 518	7 731	12 548	581 153	256 216	416 586	69 677	202 152	1 644 553
Percentage	3,08	1,05	1,86	0,47	0,76	35,34	15,58	25,33	4,24	12,29	

Unit : Kg

Source : CSP Madagascar

For the purse seiners, we have only the data from the landing tuna vessels in Antsiranana showing a very low rate of shark catching. All these fish are landed because they are wounded or their sizes are not appropriate to the commercial requirement.

SCRAP FISH LANDED IN ANTSIRANANA BY PURSE SEINERS

Year	Auxis	SKJ	YFT	BET	Galate	Wahoo	Sharks	Baliste	Dorade	Big tuna	General total
2002	240 240	97 840	44 590	750	18 271	2 817	3 897	6 204	36 162	17 860	468631
Percentage	51,26	20,88	9,51	0,16	3,90	0,60	0,83	1,32	7,72	3,81	
2003	100 937	63 053	30 343	1 515	9 069	3 425	3 024	5 480	26 268	139 935	383049
Percentage	26,35	16,46	7,92	0,40	2,37	0,89	0,79	1,43	6,86	36,53	
2004	1 260	1 540	450	0	181	145	63	170	426	26 430	30665
Percentage	4,11	5,02	1,47	0,00	0,59	0,47	0,21	0,55	1,39	86,19	
TOTAL	342 437	162 433	75 383	2 265	27 521	6 387	6 984	11 854	62 856	184 225	882345
Percentage	38,81	18,41	8,54	0,26	3,12	0,72	0,79	1,34	7,12	20,88	

Unit : Kg

Source : Unité Statistique Thonière d'Antsiranana (USTA)

Here we are talking about pelagic shark

For shark regulation, we have only the fishing agreement and the CITES Convention.

In 2007, one vessel is fishing of bottom shark at 1000 to 2000 meters with long line.