

3rd Meeting of the Scientific Committee

Port Vila, Vanuatu
28 September – 3 October 2015

SC-03-32

Jumbo flying squid datasets held by the Secretariat *Secretariat*

Summary

Paper SC-03-32 identifies and describes Jumbo flying squid data sets held by the SPRFMO Secretariat. The Jumbo flying squid fishery is a large fishery. During 2014 there were 264 Chinese vessels, 6 Koreans vessels and 5 vessels from Chinese Taipei operating in the SPRFMO Area.

Annual Catch data

The annual catch data series for Jumbo flying squid held by the Secretariat begins in 1978 although it does have some significant gaps (refer Table 1).

The Secretariat has also looked at the catch records for other squid species. Those records are dominated by EEZ captures with SPRFMO Area catches totalling 428 (t) from 6 events.

Fishing activity data

The Secretariat holds Korean squid jigging data from 2012. Fishing activity data contains information on vessel, Fishing date, start and end position, crew numbers, and number of jigging machines, lighting power, hours fished and catch weights (refer CMM 3.02 Annex 4).

Observer information

The SPRFMO Secretariat does not hold any observer information on Jumbo flying squid.

Aggregated datasets

The Secretariat holds the following aggregated catch and position data sets for squid jigging:

Year	Japan	China	Chinese Taipei
2003		5*5	
2004		5*5	
2005		5*5	
2006		5*5	
2007			5*5
2008		5*5	5*5
2009			5*5
2010	By trip		5*5
2011			Monthly, 5*5
2012			Monthly, 5*5
2013			Monthly, 5*5
2014			Monthly, 5*5

Year	Chile		China	Korea		Chinese Taipei		Japan			Peru	Ukraine	Total	
	EEZ-CHL	FAO87	HS-FAO87	EEZ-PER	HS-FAO87	FAO87	HS-FAO87	EEZ-Other	FAO87	HS-FAO87	EEZ-PER	FAO87		
1978									7 000				7 000	
1983									500				500	
1984									9 000				9 000	
1985									15 503 000				15 503 000	
1986									94 000				94 000	
1988								0		43 418			43 418	
1989								0		13 827			13 827	
1990								0		1 605 475	7 441 000	142 000	9 188 475	
1991		445 000						2 173 000		50 432	81 655 000	398 000	84 721 432	
1992		9 400 000					1 698 000	49 313 000	1 873 844	106 547 000	1 000		168 832 844	
1993		7 442 000					0	52 221 000	3 578 759	140 355 000			203 596 759	
1994		205 000					0	81 507 000	2 698 280	209 970 000			294 380 280	
1995							0	36 478 000	36 595	109 155 000			145 669 595	
1996		2 000					0	557 000	644 156	8 138 000			9 341 156	
1997							0	12 924 000	296 795	16 061 000			29 281 795	
1998		5 000					0	0	0	547 000			552 000	
1999		6 000					0	6 000	39 597	54 652 000			54 703 597	
2000		9 000					0	32 174 000	1 704 416	53 795 000			87 682 416	
2001		3 476 000		17 770 000	5 797 000	0	0	71 069 000	1 132 175	71 834 000			171 078 175	
2002		5 589 000		50 483 000	13 130 000	8 629 000	12 064 000	26 268 000	33 977 541	146 390 000			296 530 541	
2003		15 191 000		81 000 000	1 681 000	3 041 000	23 009 000	22 549 000	4 510 455	153 727 000			304 708 455	
2004		175 134 000		205 600 000	2 026 000	8 761 000	39 450 000	22 385 000	4 614 777	270 368 000			728 338 777	
2005		296 953 000		86 000 000	2 519 000	0	15 976 000		1 633 258	291 140 000			694 221 258	
2006		219 800 000		62 000 000	2 048 000	437 000	18 349 000		322 617	434 261 000			737 217 617	
2007	124 389 000			46 400 000	0	0	14 750 000			427 591 000			613 130 000	
2008	145 171 000			79 064 000	5 971 000	804 000	31 160 980			533 414 000			795 584 980	
2009	56 337 000			70 000 000	7 221 000	0	12 318 870						145 876 870	
2010	200 428 000			142 000 000	7 764 000	6 742 000	29 205 990			497 824			386 637 814	
2011	163 450 000		45 000	250 000 000		7 410 000	35 418 000						456 323 000	
2012	144 956 000		9 000	261 000 000		8 310 000	14 177 000						428 452 000	
2013	105 904 557		21 578	264 000 000		6 034 000	7 759 000						383 719 135	
2014				332 523 400									332 523 400	
Total	940 635 557	733 657 000	75 578	1 947 840 400	48 157 000	50 168 000	87 435 840	167 900 000	409 624 000	15 613 500	59 274 241	3 117 041 000	541 000	7 577 963 116

Table 1: Catch weights (kg) for Jumbo flying squid (GIS) as submitted to the SPRFMO Secretariat.