South Pacific Regional Fisheries Management Organisation

5th March 2014

Data submitted to the SPRFMO Secretariat

Secretariat

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1.0 Introduction

This paper summarises Annual Catch Totals (of key species) as received by the South Pacific Regional Fisheries Organisation (SPRFMO) Secretariat as at 1st March 2014. It updates COMM-02-INF-02 and includes earlier information which was submitted to the Interim Secretariat (2007 - 2012).

Key species included in this report were determined by historic catch amounts and are:

a) Jack/Horse Mackerels *(Trachurus* spp);
    a. Includes 2013 preliminary monthly catch totals
b) Scomber Mackerels (*Scomber* spp);
c) Squid (Loliginidae, Ommastrephidae) and;
d) Orange Roughy (*Hoplostethus atlanticus)*.

Other species caught in the SPRFMO Area are summarised in Section 6.

This paper does not verify catch amounts, nor does it compare data received with any Conservation Management Measure.

1.1 Key to species codes and groupings (FAO designations)

Family	Genus	Species	Scientific name	English name
MAX - Scombridae	JAX – *Trachurus* spp	CJM	*Trachurus murphyi*	Chilean jack mackerel
		HMG	*Trachurus declivis*	Greenback horse mackerel
		PJM	*Trachurus symmetricus*	Pacific jack mackerel
		TUZ	*Trachurus novaezelandiae*	Yellowtail horse mackerel
	MAZ – *Scomber* spp	MAA	*Scomber japonicas*	Chub mackerel
		MAS	*Scomber australasicus*	Blue mackerel
SQU - Loliginidae, Ommastrephidae		GIS	*Dosidicus gigas*	Jumbo flying squid
	QND - *Nototodarus* spp	NDG	*Nototodarus gouldi*	Gould's flying squid
		TSQ	*Nototodarus sloanii*	Wellington flying squid
Epigonidae	CDL – *Epigonus* spp	EPI	*Epigonus telescopus*	Black cardinal fish
TRC – Trachichthyidae		ORY	*Hoplostethus atlanticus*	Orange roughy
DGX - Squalidae	CZI - *Centroscymnus* spp			
	DNA – *Deania* spp	DCA	*Deania calcea*	Birdbeak dogfish
	DGZ – *Squalus* spp	DGS	*Squalus acanthias*	Picked dogfish
		SCK	*Dalatias licha*	Kitefin shark
ORD - Oreosomatidae	AHX – *Allocyttus* spp	ALL	*Allocyttus verrucosus*	Warty oreo
		BOE	*Allocyttus niger*	Black oreo
		ONV	*Neocyttus rhomboidalis*	Spiky oreo
		SSO	*Pseudocyttus maculates*	Smooth oreo
BRX – Berycidae	ALF – *Beryx* spp	BXD	*Beryx decadactylus*	Alfonsino
		BYS	*Beryx splendens*	Splendid alfonsino
		CXF	*Centroberyx affinis*	Redfish
		CXZ	*Centroberyx gerrardi*	Bight redfish
CEN - Centrolophidae		BWA	*Hyperoglyphe Antarctica*	Bluenose warehou

2.0 Annual reported catches in the South Pacific for *Trachurus* spp (Jack/Horse mackerels)

Table 2.1: Annual catch data – *Trachurus* spp (t)

Participant	Australia	Belize	Chile[10]		China	Cook Islands	Cuba	Ecuador
FAO Area	Unknown	87	87	87	87	87	87	87
High seas vs In-zone	EEZ (AUS)	HS	EEZ (CHL)	HS	HS	HS	HS	EEZ (ECU)
Species	*Trachurus* spp.	*T. murphyi*	*T. murphyi*	*T. murphyi*	*T. murphyi*	*Trachurus* spp.	*T. murphyi*	*T. murphyi*
2012			223,322	4,138	13,012	0	0[1]	104
2011		0[1]	193,722	53,573	32,862	0	8[1]	69,153
2010		2,240	355,510	109,298	63,606	0		4,613
2009		5,681	491,792	343,135	117,963	0		1,935
2008		15,245	376,370	519,738	143,182	0		0
2007	680	12,585	1,040,167	262,617	140,582	7		927
2006		481	1,251,499	128,442	160,000			0
2005		867	1,158,272	272,162	143,000			0
2004			1,154,890	296,709	131,020			0
2003			975,186	446,110	94,690			0
2002			1,465,912	53,081	76,261			604
2001			1,649,933	0	20,090			134,011
2000			1,233,938	361	2,318			7,121
1999			1,202,512	17,177				19,072
1998			1,594,144	18,768				25,900
1997			2,905,830	11,234				30,302
1996			3,883,326	0				56,782
1995			4,404,193	0				174,393
1994			4,041,447	0				36,575
1993			3,236,244	0				2,673
1992			3,212,060	0			3,196	15,022
1991			3,020,512	0			30,828	45,313
1990			2,471,875	0			41,197	4,144
1989			2,390,117	0			24,486	35,108
1988			2,138,255	0			44,209	
1987			1,770,037	0			35,980	
1986			1,184,317	0			46,833	
1985			1,456,989	0			32,258	
1984			1,426,301	0			34,008	
1983			865,272	0			54,875	
1982			1,494,683	0			83,881	
1981			1,060,909	0			74,227	
1980			562,262	0			83,971	
1979			597,511	0			19,000	
1978			586,681	0				
1977			340,806	0				
1976			342,269	0				
1975			261,205	0				
1974			193,512	0				
1973			121,595	0				
1972			87,003	0				
1971			158,442	0				
1970			111,994	0				

[1] Preliminary figure derived from monthly catch returns only.

Table 2.1: Continued

Participant	European Union[3]				Faroe Islands	Japan	Korea
FAO Area	71/77/81	87	87	87	87	87	87
High seas vs In-zone	HS + EEZ	EEZ (PER)	HS	Unknown	HS	HS + EEZ	HS
Species	*Trachurus* spp.	*T. murphyi*	*T. murphyi*	*T. murphyi*	*T. murphyi*	*T. murphyi*	*T. murphyi*
2012			0		0[1]	0[1]	5,492
2011			2,248		0[1]		9,253
2010			67,497		11,643	0[1]	8,183
2009			111,921		20,213	0	13,759
2008			108,174		22,919		12,600
2007			123,523		38,700[4]		10,940
2006			62,137				10,474
2005			6,187				9,126
2004							7,438
2003							2,010
2002							
2001							
2000							
1999						7	
1998							
1997							
1996							
1995							
1994							
1993							
1992				7,842			
1991	12,752			109,292			
1990	6,160			80,874		157	
1989	5,571			102,980		701	
1988	2,633			75,122		6,871	
1987			82,955			8,815	
1986			79,454			6,835	
1985			81,361			5,229	
1984			178,877			3,871	
1983			79,698			1,694	
1982			51,710				
1981		1,215	78,152			29	
1980		5,295	46,387				
1979		43,701	60,135			120	
1978	[2]	[2]	4,308			1,667	403
1977		[2]				2,273	
1976	118	[2]				35	
1975	680						
1974	34	[2]					

[2] Figure not displayed as data is from less than 3 vessels, and has not yet been made public.

[3] Lithuanian catches are included within both European Union and Russian Federation annual catch data for years prior to the dissolution of the former Soviet Union.

[4] Faroe Islands 2007 Figure includes small quantities of unspecified mackerel.

Table 2.1: Continued

Participant	New Zealand[5]			Peru[11]		Russian Federation[3,4,6,9]		
FAO Area	81	81	81	87	87	81	87	87
High seas vs In-zone	EEZ (NZL)	EEZ (NZL)	EEZ (NZL)	EEZ (PER)	HS	unknown	EEZ (PER)	HS
Species	*T. murphyi*	*T. declivis*	*T. novaezelandia*	*T. murphyi*	*T. murphyi*	*T. declivis*	*T. murphyi*	*T. murphyi*
2012				168,779	5,290			0[1]
2011				257,241	674			8,229[1]
2010	3,303	22,591	14,984	17,559	40,516			[8]
2009	3,964	21,820	14,390	74,694	13,326			9,113[7]
2008	6,500	26,231	14,664	169,537				4,800
2007	4,186	25,923	16,265	254,426		0		0
2006	5,253	16,873	14,226	277,568		0		0
2005	6,730	15,564	23,442	80,663		0		7,040
2004	6,184	21,335	15,650	187,369		0		62,300
2003	6,538	17,548	13,663	217,734		0		7,540
2002	7,486	14,831	9,986	154,219		0		0
2001	7,916	9,805	11,768	723,733		0		0
2000	8,677	10,033	3,844	296,579		0		0
1999	18,058	13,412	2,889	184,679		223		0
1998	20,993	6,229	8,796	386,946		52		0
1997	21,543	5,119	8,374	649,751		886		0
1996	26,386	6,212	10,133	438,736		2,280		0
1995	19,678	7,775	8,898	376,600		1,602		0
1994	22,434	14,917	4,934	196,771		1,804		0
1993	22,046	13,901	13,336	130,681		4,260		0
1992	12,664	12,447	12,576	96,660		2,892		32,000
1991	8,674	12,174	12,880	136,337		127,000	47,172	544,628
1990	4,698	11,650	10,859	191,139		67,518	116,052	1,006,245
1989	2,164	14,529	6,677	140,720		56,543	105,239	991,053
1988	1,589	14,538	8,027	118,076		58,797		938,288
1987	0	10,064	9,365	46,304		107,329		818,628
1986	2,206	7,395	7,894	49,863		146,200		785,000
1985				87,466		133,300	48,708	788,992
1984				184,333		22,300	98,340	958,260
1983				76,825		10,651	34,847	831,653
1982				50,013		4,953		735,898
1981				37,875				771,630
1980				123,380		13		544,970
1979				151,591				532,209
1978				386,793		254		49,220
1977				504,992		710		0
1976				54,154		0		0
1975				37,899		0		0
1974				129,211		0		0
1973				42,781		0		0
1972				18,782		0		5,500

[5] Catches of *Trachurus* spp made by Ukrainian vessels operating within the New Zealand EEZ are also included within New Zealand, Russian Federation (years prior to 1992) and Ukrainian annual catch data.

[6] Russian Federation figures pre 2009 have been proportioned between the High Seas and Peru's EEZ using SWG-09-INF-06.

[7] Russian Federation 2009 figure was taken by 5 of the 6 vessels that were present in the Area.

[8] Annual catch data was provided for a single vessel (the Lafayette) however it has not been included, pending receipt of operational fishing information.

Table 2.1: Continued

Participant	Ukraine[5,9]			Vanuatu
FAO Area	81	81	87	87
High seas vs In-zone	EEZ (NZL)	HS	unknown	HS
Species	*Trachurus* spp.	*T. murphyi*	*T. murphyi*	*T. murphyi*
2012				16,068
2011				7,617
2010				45,908
2009				79,942
2008				100,066
2007	22,067			112,501
2006				129,535
2005				77,356
2004	22,600			94,685
2003	25,016			53,959
2002	5,667			
2001	7,577			
2000	12,213			
1999	15,306			
1998	9,309			
1997	9,740			
1996	13,093			
1995	8,990			
1994	4,192			
1993	7,937			
1992	2,878		2,736	
1991	319	7,838	65,126	
1990	214	3,574	115,049	
1989		2,292	109,695	
1988		868	104,006	
1987		5,274	89,116	
1986		5,778	81,275	
1985		7,313	100,464	
1984			162,524	
1983		1,982	140,185	
1982		631	82,633	
1981			85,517	
1980	6		58,677	
1979			90,371	
1978			4,783	
1977				
1976				
1975				
1974				
1973				
1972				

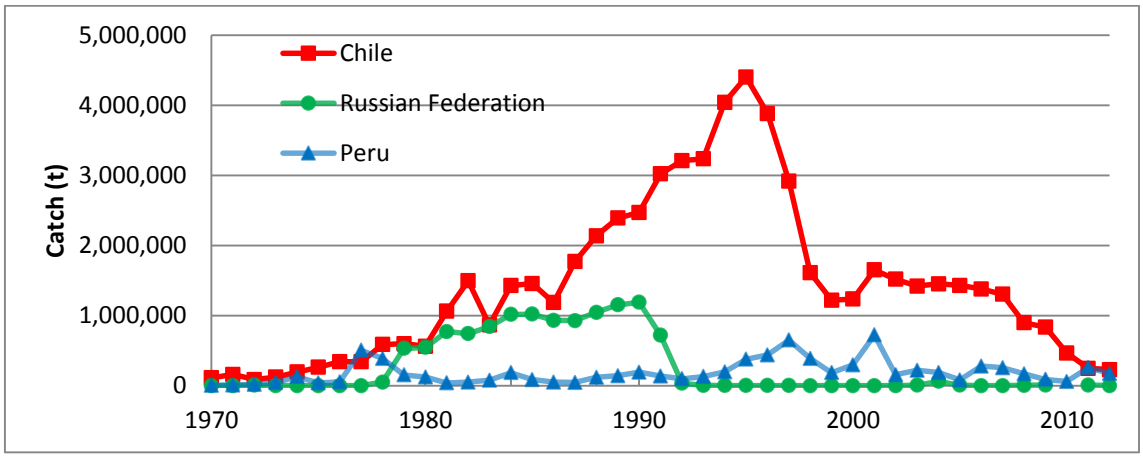
[9] Ukraine operations prior to 1992 were conducted under the flag of the former Soviet Union.
[10] Chile has submitted annual catch data for *T. murphyi* dating back to 1960.
[11] Peru has submitted annual catch data for *T. murphyi* dating back to 1939.

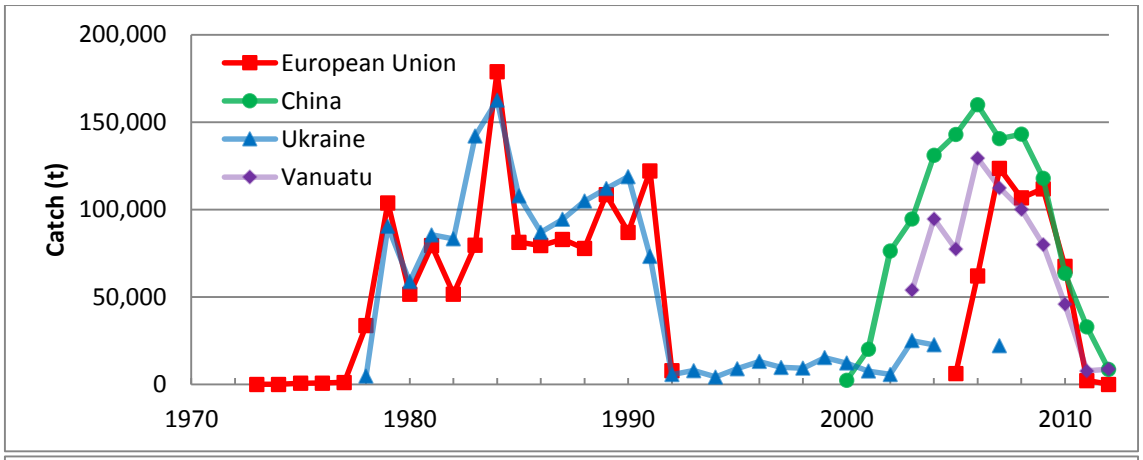
Table 2.2: 2013 Preliminary catches in the South Pacific – *Trachurus murphyi* (monthly catch returns; Jan – Dec 2013)

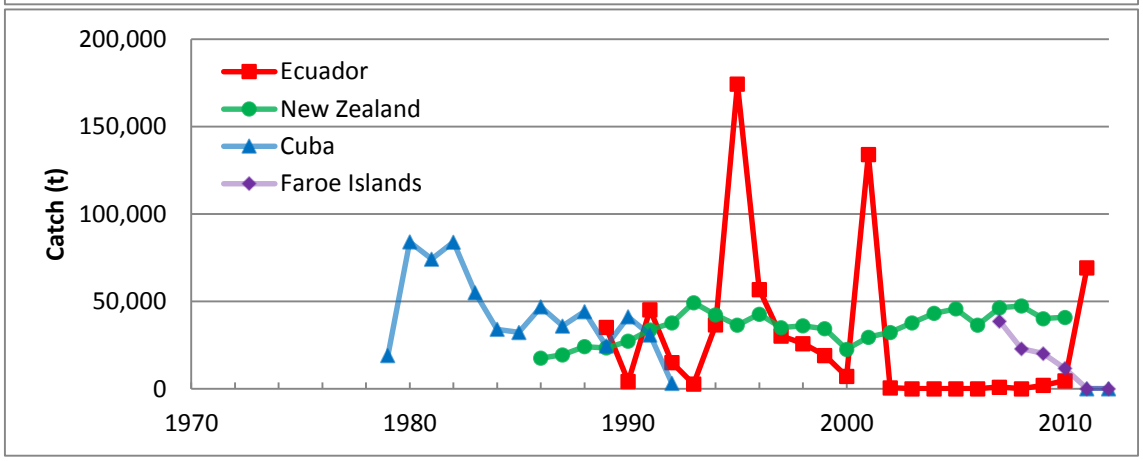
Participant	FAO Area	High seas vs In-zone	2013
Chile	87	ANJ	221,790
Ecuador	87	ANJ	2,554
Peru	87	ANJ	77,022
Chile	87	HS	5,514
China	87	HS	8,329
Cook Islands	87	HS	0
Cuba[1]	87	HS	
European Union	87	HS	10,102
Faroe Islands	87	HS	0
Korea	87	HS	5,267
Peru	87	HS	2,670
Vanuatu	87	HS	14,977
Total	87		**348,223**

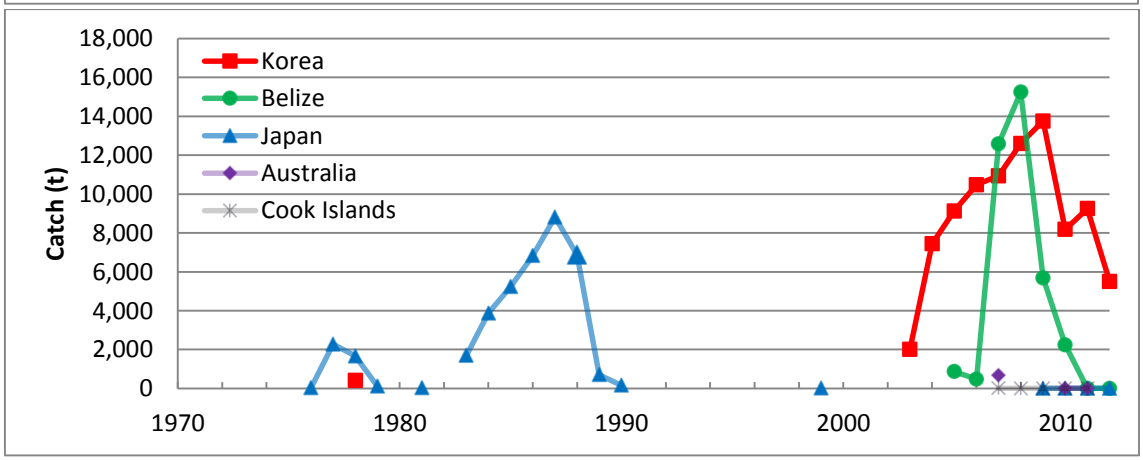
[1] Cuba authorised 2 vessels for 2013, but has not submitted any monthly catch returns.

Figure 2.1: Annual reported catches in the South Pacific –*Trachurus* spp (note scale)









3.0 Annual reported catches in the South Pacific for *Scomber* spp (Mackerels)

Table 3.1: Annual catch data – *Scomber* spp (t)

Participant	Belize	Chile			China	Ecuador	Faroe Islands	Japan
FAO Area	87	87	87	87	87	87	87	87
High seas vs In-zone	HS	EEZ (CHL)	HS	HS + EEZ	HS	EEZ (ECU)	HS	HS
Species	*S. japonicus*	*S. japonicus*	*S. japonicus*	*S. japonicus*	*S. japonicus*	*S. japonicus*	*S. japonicus*	*S. japonicus*
2012		24,120	199		226			
2011		23,077	2,979		666[1]			
2010	21	94,723	936		2,583[1]	52,751	[2]	
2009	295	136,516	21,936			36,679	[2]	
2008	1,104	87,316	45,702			21,758	[2]	
2007	966	233,697	63,492			43,171		
2006		345,491	23,295			37,664		
2005				280,756		115,406		
2004				577,336		51,806		
2003				572,052		33,272		
2002				343,371		17,074		
2001				365,031		85,248		
2000				95,789		83,923		
1999				120,123		28,307		1
1998				71,769		44,716		
1997				211,649		192,181		
1996				146,649		79,484		
1995				110,210		63,577		
1994				27,171		38,991		
1993				96,023		50,980		
1992				72,364		25,651		
1991				191,723		55,023		
1990				192,948		78,639		<0.5
1989				39,328		141,333		
1988				26,423		255,548		
1987				32,799		149,302		
1986				1,584		274,852		
1985				11,314		397,863		
1984						396,913		1
1983						252,667		
1982						589,375		
1981						448,088		
1980								
1979								1
1978								<0.5

[1] Preliminary figure derived from monthly catch returns only.

[2] Figure not displayed as data is from less than 3 vessels, and has not yet been made public.

Table 3.1: Continued

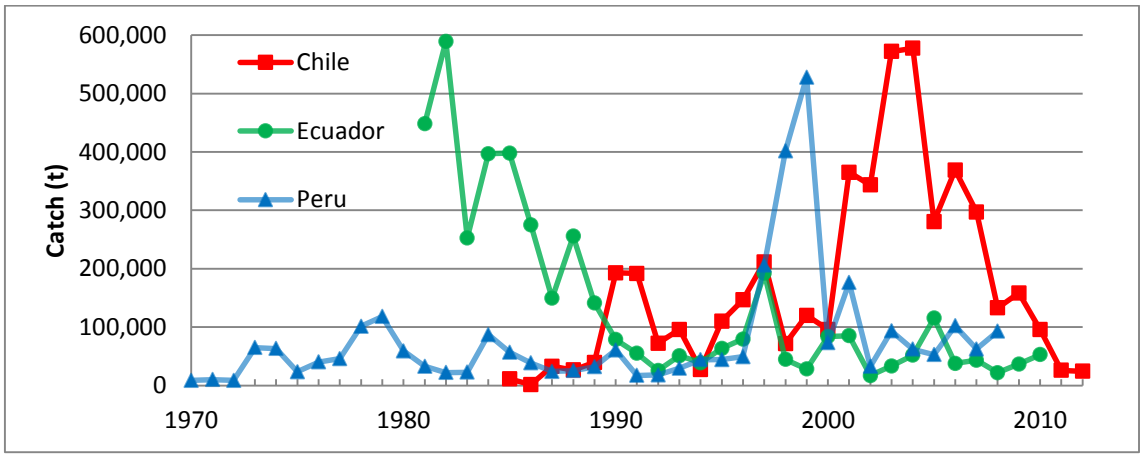
Participant	European Union						Korea	Peru
FAO Area	71/77	87	87	87	87	Unknown	87	87
High seas vs In-zone	HS + EEZ	HS + EEZ	HS	HS	Unknown	HS	HS	EEZ (PER)
Species	*Scomber* spp	*S. japonicus*	*Scomber* spp	*S. japonicus*	*S. japonicus*	*S. japonicus*	*S. japonicus*	*S. japonicus*
2012							0	
2011						1	24	
2010						679	84	
2009						5,168	716	
2008						5,879	968	92,989
2007						9,067	1,240	62,387
2006						5,989	1,460	102,322
2005						211	381	52,895
2004							708	62,255
2003							39	93,384
2002								32,698
2001								176,202
2000								73,263
1999								527,729
1998								401,903
1997								206,183
1996								49,221
1995								44,259
1994								44,115
1993								29,504
1992					36			17,939
1991					1,644			17,304
1990					1,938			60,776
1989	47				1,610			32,042
1988					316			25,554
1987				864				24,072
1986				828				38,709
1985				848				57,069
1984			20	716				87,134
1983			37	414				22,579
1982			54	464				22,072
1981		109		814				32,803
1980		3,522		465				59,062
1979		34,356		614				118,067
1978	[2]	[2]		45				101,505
1977		[2]						46,071
1976		[2]						40,172
1975		[2]						23,588
1974								63,270
1973								64,966
1972								8,707
1971								10,113
1970								8,791

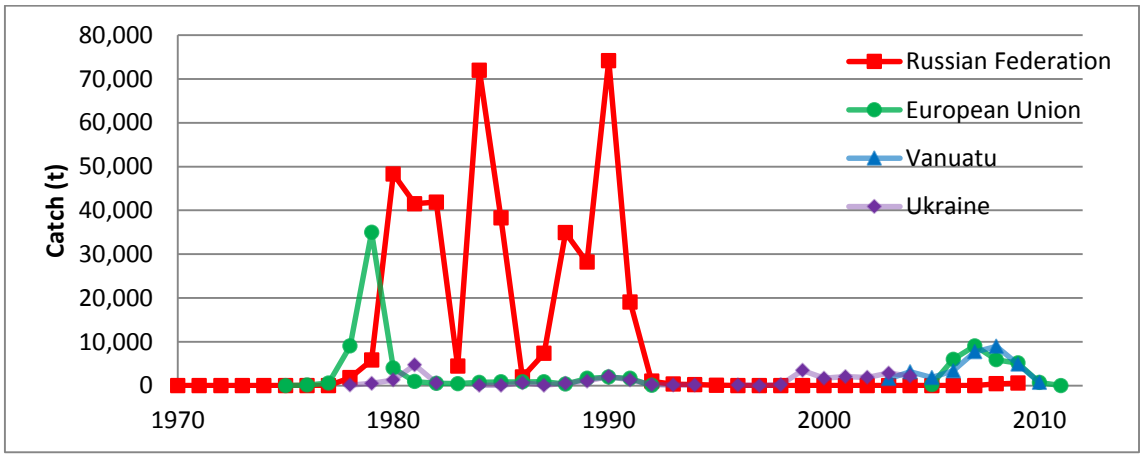
[2] Figure not displayed as data is from less than 3 vessels, and has not yet been made public.

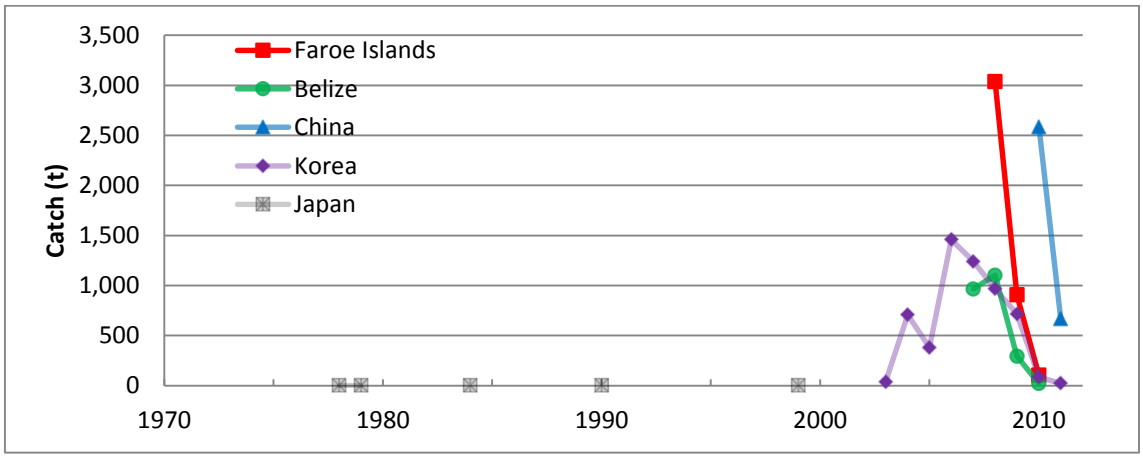
Table 3.1: Continued

Participant	Russian Federation			Ukraine			Vanuatu
FAO Area	81	87	87	81	81	87	87
High seas vs In-zone	Unknown	HS	Unknown	EEZ (NZL)	HS	Unknown	HS
Species	*S. australasicus*	*S. japonicus*	*S. japonicus*	*S. australasicus*	*S. australasicus*	*S. japonicus*	*S. japonicus*
2012							193
2011							24
2010							676
2009		535					4,901
2008		387					8,945
2007	0		0				7,705
2006	0		0				3,352
2005	0		0				1,819
2004	0		0	2,165			3,137
2003	0		0	2,843			1,553
2002	0		0	1,849			
2001	0		0	2,040			
2000	0		0	1,677			
1999	0		0	3,457			
1998	0		0	214			
1997	0		0	9			
1996	0		0	156			
1995	75		0				
1994	204		0	133			
1993	326		0	94			
1992	0		970	213		17	
1991	828		18,257	224		1,063	
1990	0		74,168	2		2,085	
1989	0		28,160		25	999	
1988	95		34,805			519	
1987	3,505		3,835		1	79	
1986	20		1,920			647	
1985	5		38,275			39	
1984	0		71,952			78	
1983	0		4,416				
1982	0		41,878			565	
1981	0		41,500			4,708	
1980	0		48,300			1,282	
1979	0		5,800			522	
1978	0		1,773			122	
1977	0		0				
1976	0		0				
1975	0		0				
1974	0		0				
1973	0		0				
1972	0		0				
1971	0						
1970	0						

Figure 3.1: Annual reported catches in the South Pacific – *Scomber* spp (note scale)







4.0 Annual reported catches in the South Pacific for Squid (Loliginidae, Ommastrephidae)

Table 4.1: Annual catch data – Squid (various) (t)

Participant	Belize		Chile			China	European Union
FAO Area	81	87	87	87	87	87	77,81 & 87
High seas vs In-zone	HS	HS	EEZ (CHL)	HS + EEZ	HS	HS	Unknown
Species	Unspecified	Unspecified	*D. gigas*	*D. gigas*	*D. gigas*	*D. gigas*	Unspecified
2012			144,956		9	261,000	
2011			163,450		45	250,000	
2010			200,428			142,000	
2009			56,337			70,000	
2008			145,171			79,064	
2007			124,389			46,400	
2006				219,800		62,000	
2005	825			296,953		86,000	
2004	681			175,134		205,600	
2003		479		15,191		81,000	
2002	235	353		5,589		50,483	
2001		453		3,476		17,770	
2000				9			
1999				6			
1998				5			
1997							
1996				2			
1995							
1994				205			
1993				7,442			
1992				9,400			
1991				445			1,075[1]
1990							6,497[1]
1989							2,003[1]

[1] Lithuanian catches are included within both European Union and Russian Federation annual catch data for years prior to the dissolution of the former Soviet Union.

Table 4.1: Continued

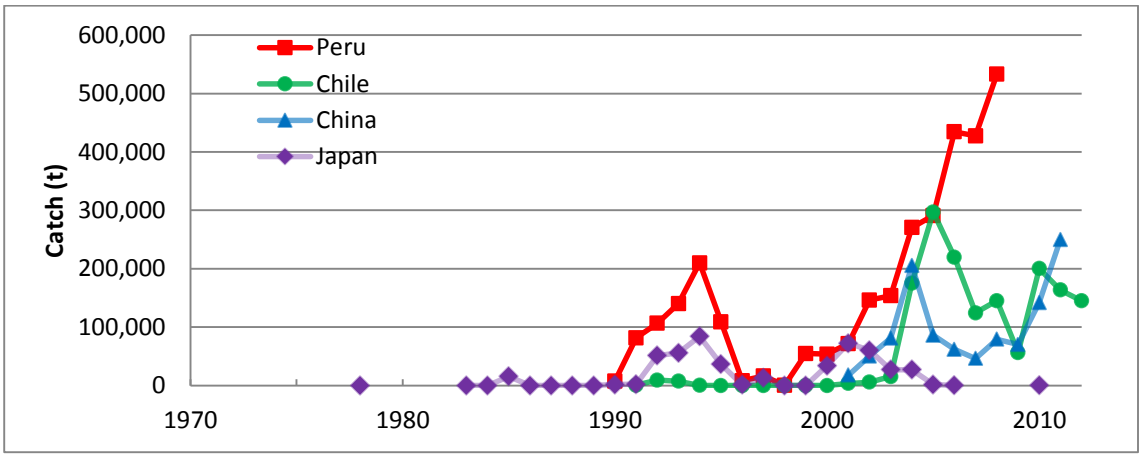
Participant	Japan			Korea		
FAO Area	87	87	87	87	87	87
High seas vs In-zone	HS	HS + EEZ	EEZ	EEZ (PER)	HS	HS + EEZ
Species	*D. gigas*	*D. gigas*	*D. gigas*	*D. gigas*	*D. gigas*	Unspecified
2012					8,310	
2011					7,410	
2010	498			7,764	6,742	
2009				7,221	0	
2008				5,971	804	
2007				0	0	
2006	323			2,048	437	
2005	1,633			[2]	0	
2004	4,615		22,385	2,026	8,761	
2003	4,510		22,549	1,681	3,041	
2002	33,978		26,268	13,130	8,629	
2001	1,132		71,069	5,797	0	
2000	1,704		32,174			20,822
1999	[2]		[2]			19,728
1998	0	0	0			
1997	297		12,924			3,359
1996	644		557			12,896
1995	37		36,478			35,719
1994	2,698		81,507			69,664
1993	3,579		52,221			62,887
1992	1,874		49,313			43,022
1991	50		2,173			24,015
1990	1,605		0			3,465
1989	[2]		0			
1988	[2]		0			
1987						
1986		94				
1985		15,503				
1984		9				
1983		<0.5				
1982						
1981						
1980						
1979						
1978		7				

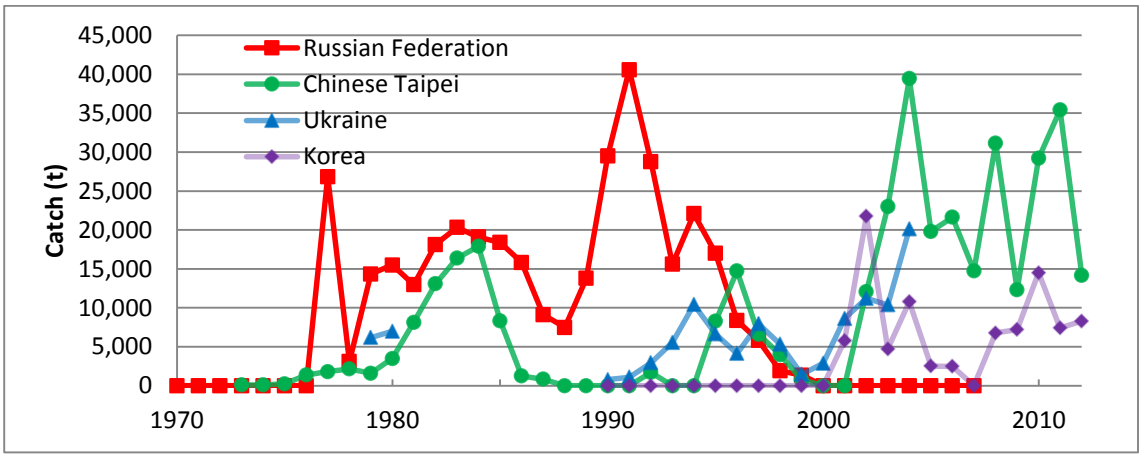
[2] Figure not displayed as data is from less than 3 vessels, and has not yet been made public.

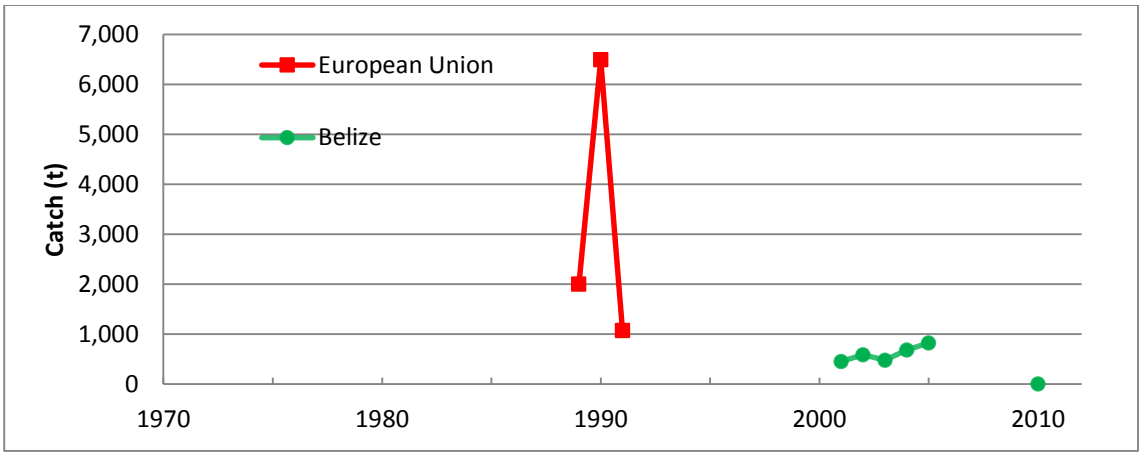
Table 4.1: Continued

Participant	Peru	Russian Federation		Chinese Taipei		Ukraine	
FAO Area	87	81	87	81	87	81	87
High seas vs In-zone	EEZ (PER)	Unknown	Unknown	EEZ (NZL)	HS	EEZ (NZL)	Unknown
Species	*D. gigas*	Unspecified	Unspecified	*N. solani*	*D. gigas*	*Nototodarus* spp	*D. gigas*
2012					14,177		
2011					35,418		
2010					29,206		
2009					12,319		
2008	533,414				31,161		
2007	427,591	0	0		14,750		
2006	434,261	0	0	3,304	18,349		
2005	291,140	0	0	3,831	15,976		
2004	270,368	0	0	0	39,450	20,122	
2003	153,727	0	0	0	23,009	10,379	
2002	146,390	0	0	0	12,064	11,230	
2001	71,834	0	0	0	0	8,623	
2000	53,795	0	0	0	0	2,872	
1999	54,652	1,352	0	761	0	1,462	
1998	547	1,907	0	3,974	0	5,321	
1997	16,061	5,809	0	6,620	0	7,955	
1996	8,138	8,365	0	14,747	0	4,136	
1995	109,155	17,004	0	8,284	0	6,630	
1994	209,970	22,098	0	0	0	10,428	
1993	140,355	15,600	0	0	0	5,546	
1992	106,547	28,767	0	0	1,698	2,932	1
1991	81,655	17,331	23,240	0		699	398
1990	7,441	21,654	7,860	0		636	142
1989		13,413	380	0			
1988		[2]	0	0			
1987		9,135	0	850			
1986		15,818	0	1,253			
1985		18,267	130	8,343			
1984		19,076	10	17,900			
1983		20,319	0	16,377			
1982		18,118	10	13,100			
1981		12,902	60	8,147			
1980		15,506	0	3,497		6,986	
1979		14,308	45	1,601		6,191	
1978		3,112	0	2,163			
1977		26,837	0	1,797			
1976		0	0	1,379			
1975		0	0	254			
1974		0	0	95			
1973		0	0	109			
1972		0	<0.5				

Figure 4.1: Annual reported catches in the South Pacific – Squid (various) (note scale)







5.0 Annual reported catches for Orange roughy in the SPRFMO Area (*H. atlanticus*)

Table 5.1: Annual catch data – Orange roughy (t)

Participant	Australia	Belize		China	Korea	
FAO Area	Unknown	81	71	81	81	81
High seas vs In-zone	HS	HS	HS	Unknown	HS	HS + EEZ
Species	*H. atlanticus*	*H. atlanticus*	*H. atlanticus*	*H. atlanticus*	*H. atlanticus*	*H. atlanticus*
2012	56					
2011	2					
2010	0	0	0			
2009	0					
2008	0				0	
2007	148	332[2]		336[2]	44	
2006	166	200		570	77	
2005	207	506		710	0	
2004	369	913	1	592	138	
2003	166	9		562	243	
2002	376			597	208	
2001	751			520	94	
2000	948					288
1999	2,514					7
1998	3,098					
1997	1,458					
1996	11[1]					
1995	11[1]					
1994	192					
1993	122[1]					
1992	122[1]					
1991	122[1]					
1990	2[1]					
1989	2[1]					
1988	2[1]					
1987	2[1]					
1986						
1985						
1984						
1983						
1982						
1981						
1980						
1979						
1978						
1977						

[1] Reported catch figures were grouped; these catches have been split equally between years.

[2] This catch was reported by both Belize and China as an annual total from the same vessel fishing in the same period. Therefore this catch amount is represented twice in this table.

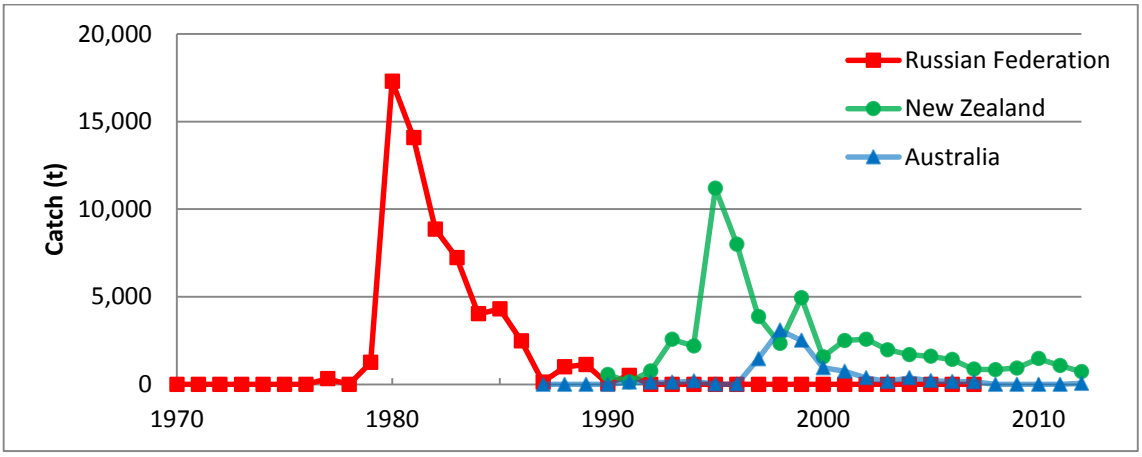
[3] Figure not displayed as data is from less than 3 vessels, and has not yet been made public.

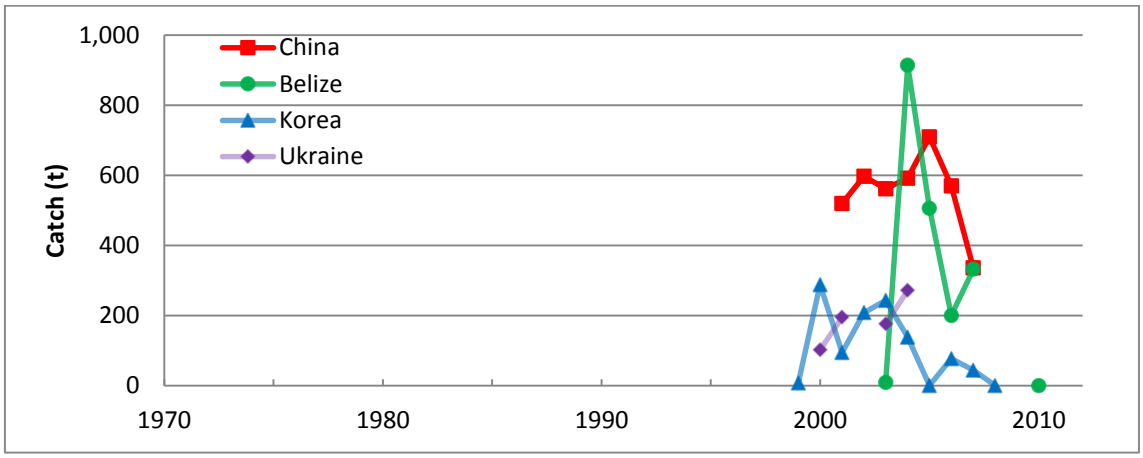
Table 5.1: Continued

Participant	New Zealand	Russian Federation		Ukraine	Ukraine
FAO Area	81	81	87	81	81
High seas vs In-zone	HS	Unknown	Unknown	HS	EEZ (NZL)
Species	*H. atlanticus*	*H. atlanticus*	*H. atlanticus*	*H. atlanticus*	*H. atlanticus*
2012	721				
2011	1,079				
2010	1,474				
2009	928				
2008	837				
2007	866	0	0		
2006	1,415	0	0		
2005	1,597	0	0		
2004	1,697	0	0	49	223[4]
2003	1,973	0	0	164	12[4]
2002	2,578	0	0		
2001	2,499	0	0		195[4]
2000	1,574	0	0	53	49[4]
1999	4,948	0	0		
1998	2,329	0	0		
1997	3,862	0	0		
1996	8,002	0	0		
1995	11,195	0	0		
1994	2,195	0	0		
1993	2,566	0	0		
1992	758	0	0		
1991	141	506	0		
1990	559	36	0		
1989		1,132	0		
1988		[3]	0		
1987		130	0		
1986		2,475	0		
1985		4,306	0		
1984		4,028	0		
1983		7,229	0		
1982		8,860	0		
1981		14,076	0		
1980		17,300	0		
1979		1,251	0		
1978		0	0		
1977		319	0		

[4] Catches of *H. atlanticus* made by Ukrainian vessels operating within the New Zealand EEZ are also included within New Zealand annual catch data.

Figure 5.1: Annual reported catches in the SPRFMO Area – Orange roughy (note scale)





6.0 Annual reported catches for other species

The following table summarises the remaining annual catch data received by the Secretariat. Note – only major species/species groups are represented individually. Caches which were known to have been taken entirely within areas of National Jurisdiction have been excluded.

The category ''marine fishes nei" either represents information that was submitted in this manner or information that has been grouped into this category by the Secretariat.

Table 6.1: Annual catch data – other species (t)

Participant	Australia					Belize		China
FAO Area	Unknown					71,81	81	81
High seas vs In-zone	HS					HS	HS	Unknown
Species	*Beryx* spp	Oreosomatidae	*Epigonus* spp	Marine fishes nei	Squalidae	*Beryx* spp	Marine fishes nei	Marine fishes nei
2012	167	1		151				
2011	47	0		104	[3]			
2010	0	0	0	95				
2009	0	0	0	107				
2008	0	0	0	177				
2007	86	1	2	64		61[2]	28[2]	73[2]
2006	209	0	0	135		101		312
2005	81	75	0	23		102		162
2004	1	34	0	11		229	525	304
2003	2	69	0	72		73		314
2002	3	73	0	184				147
2001	1	44	0	125				60
2000	4	209	7	119				
1999	8	195	1	94				
1998	1	1,040	2	109				
1997	1	953	15	51				
1996	0	11[1]	26[1]	1[1]				
1995	0	11[1]	26[1]	1[1]				
1994	0	6	2	3				
1993	0	37[1]	0	1[1]				
1992	0	37[1]	0	1[1]				
1991	0	37[1]	0	1[1]				
1990	0	0	0	2[1]				
1989	0	0	0	2[1]				
1988	0	0	0	2[1]				
1987	0	0	0	2[1]				

[1] Reported catch figures were grouped; these catches have been split equally between years.

[2] This catch was reported by both Belize and China as an annual total from the same vessel fishing in the same period. Therefore this catch amount is represented twice in this table.

[3] Figure not displayed as data is from less than 3 vessels, and has not yet been made public.

Table 6.1: Continued

Participant	Chile	European Union					Japan
FAO Area	87	81			Unknown	Various	87
High seas vs In-zone	HS	HS			HS + EEZ	HS + EEZ	HS + EEZ
Species	*Beryx* spp	*Beryx* spp	*E. telescopus*	Squalidae	Berycidae	Marine fishes nei	Marine fishes nei
2012							
2011						29	
2010				[3]		22	
2009		[3]	[3]	[3]		1,456	
2008	0			[3]	1,497	20,869	
2007	0				743	13	
2006							
2005	5						
2004							409
2003	11						1,284
2002	2						1,410
2001	>0.5						1,419
2000							823
1999							1,013
1998	144					657	1,766
1997							707
1996							1,068
1995							876
1994							1,835
1993							1,287
1992						971	1,497
1991						1,707	1,151
1990						1,551	2,277
1989						1,824	4,957
1988						17	3,962
1987							2,134
1986						112	1,316
1985							749
1984						18	1,969
1983						56	1,858
1982						295	1,046
1981						33,671	1,128
1980						150,842	996
1979						120,340	6,320
1978						61,226	47,865
1977						62,843	28,414
1976					[3]	51,404	2,361
1975					[3]	63,235	503
1974						64,813	
1973						36,504	
1972						3,915	
1971							
1970							

Table 6.1: Continued

Participant	Korea	New Zealand				
FAO Area	81,87	81				
High seas vs In-zone	HS + EEZ	HS				
Species	Marine fishes nei	*Beryx* spp	*E. telescopus*	Oreosomatidae	Squalidae	Marine fishes nei
2012		154	2	17	4	147
2011	100	240	108	32	15	233
2010		244	22	31	13	125
2009	59	5	16	5	9	90
2008		2		2	2	126
2007	4	2		173	5	232
2006	6	28	21	63	21	489
2005	222	26	189	343	18	385
2004	6	85	42	181	8	329
2003	23	94	226	87	57	517
2002	17	17	159	171	37	218
2001	8	22	485	124		163
2000		29	151	154		109
1999		39	325	219		331
1998		464	182	366		535
1997		31	351	211		804
1996		70	265	274		2,005
1995		18	320	1,000		1,120
1994		86	1,058	57		803
1993		43	245	60		780
1992		23	10	9		284
1991				29		206
1990						722
1989						
1988						
1987						
1986						
1985						
1984						
1983						
1982						
1981						
1980						
1979						
1978	11,043					
1977	3,116					
1976						
1975						
1974						
1973						
1972						
1971						
1970						

Table 6.1: Continued

Participant	Russian Federation		
FAO Area	81,87		
High seas vs In-zone	Unknown		
Species	Beryx spp	Oreosomatidae	Marine fishes nei
2012			
2011			
2010			
2009			
2008			
2007	0	0	0
2006	0	0	0
2005	0	0	0
2004	0	0	0
2003	0	0	0
2002	0	0	0
2001	0	0	0
2000	0	0	0
1999	0	0	1,757
1998	0	0	216
1997	0	0	5,332
1996	0	5	6,518
1995	0	0	9,526
1994	0	18	29,407
1993	0	0	23,944
1992	0	51	51,183
1991	0	93	183,588
1990	0	251	301,079
1989	0	342	225,249
1988	0	[3]	335,728
1987	0	6,497	425,905
1986	0	6,769	495,905
1985	0	12,019	494,593
1984	467	8,560	398,638
1983	633	13,072	223,048
1982	620	8,920	230,189
1981	676	25,167	72,682
1980	2,337	18,221	94,979
1979	6,230	5,568	89,631
1978	1,783	28,119	41,946
1977	3,491	11,513	80,458
1976	0	0	78,020
1975	0	0	81,107
1974	0	0	102,509
1973	0	0	117,425
1972	0	0	90,614
1971	0	0	10,422
1970	0	0	0

Table 6.1: Continued

Participant	Ukraine[4]				
FAO Area	81,87				
High seas vs In-zone	HS + EEZ				
Species	Beryx spp	Oreosomatidae	*E. telescopus*	Squalidae	Marine fishes nei
2012					
2011					
2010					
2009					
2008					
2007					
2006					
2005					
2004		827	4	155	26,588
2003	11	4		161	33,036
2002				162	40,027
2001	9				40,473
2000					35,116
1999					34,961
1998					32,337
1997					22,442
1996					22,111
1995					17,438
1994					21,052
1993					14,729
1992					10,584
1991					3,873
1990					3,185
1989					655
1988					35
1987					
1986					59
1985					583
1984					826
1983	32				67
1982					19,044
1981	198				3,013
1980	33				12,271
1979	4,804				42,180
1978					1,533
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					

[4] Catches made by Ukrainian vessels operating within the New Zealand EEZ are also included within New Zealand annual catch data.