

Table 1: Total reported catch (tonnes) of krill in the Convention Area, by region and country, in the 1998/99 and 1999/2000 split-years. Source: STATLANT data.

Nationality	1998/99				1999/2000				
	48.1	Subarea		Total	Area	48.1	Subarea		Total
		48.2	48.3		48		48.2	48.3	
Argentina	4 640	1 884		6 524					
Japan	26 106	35 810	9 402	71 318		39 952	22 565	4 671	67 188
Rep. of Korea			1 228	1 228		4 677	767		5 444
Poland	8 150	6 891	3 513	18 554		17 959	2 762		20 721
Ukraine		5 694		5 694	985				985
Uruguay				0		4 428	2 520		6 948
<b>Total</b>	<b>38 897</b>	<b>50 279</b>	<b>14 143</b>	<b>103 318</b>	<b>985</b>	<b>67 016</b>	<b>28 614</b>	<b>4 671</b>	<b>101 286</b>

Table 2: Total reported catches (tonnes) of krill in the Convention Area, by country, since the 1990/91 split-year. Source: STATLANT data.

Country	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Argentina									6 524	
Chile	3 679	6 066	3 261	3 834						
India						6				
Japan	67 582	74 325	59 272	62 322	60 303	60 546	58 798	63 233	71 318	67 188
Rep. of Korea	1 211	519						1 621	1 228	5 444
Latvia			71							
Panama					141	496				
Poland	9 571	8 607	13 406	7 915	9 384	20 610	19 156	15 312	18 554	20 721
Russia		151 725	4 249	965						
Sth Africa				3						
Ukraine		61 719	6 083	8 852	48 886	20 056	4 246		5 694	985
UK							308	634		
USSR*	275 495									
Uruguay										6 948
<b>Total</b>	<b>357 538</b>	<b>302 961</b>	<b>86 342</b>	<b>83 891</b>	<b>118 715</b>	<b>101 714</b>	<b>82 508</b>	<b>80 801</b>	<b>103 318</b>	<b>101 286</b>

\* Although the USSR was formally dissolved on 1 January 1992, for comparative purposes, statistics are compiled here for Russia and Ukraine separately for the 1991/92 split-year.

Table 3: Total reported catch (tonnes) of finfish in the Convention Area, by region and country, in the 1998/99 and 1999/2000 split-years. Source: STATLANT data.

Country	Subarea/Division										Total	
	48.2	48.3	58.4.1	58.4.2	58.4.3	58.5.1	58.5.2	58.6	58.7	88.1		
1998/99												
Argentina		10										10
Australia			<1		<1		5 546					5 546
Chile		1 668										1 668
France						4 667		1 619				6 285
Rep. of Korea		259										259
New Zealand										342		342
Russia		273										273
South Africa		451						324	230			1 004
Spain		154										154
Ukraine						760						760
UK		1 254										1 254
USA	16											16
Uruguay		522										522
<b>Total</b>	<b>16</b>	<b>4 591</b>	<b>&lt;1</b>		<b>&lt;1</b>	<b>5 427</b>	<b>5 546</b>	<b>1 942</b>	<b>230</b>	<b>342</b>		<b>18 094</b>
1999/2000												
Australia				<1			2 665					2 665
Chile		2 324										2 324
France						5 214		556				5 769
Rep. of Korea		381										381
New Zealand										869		869
Russia		3 462										3 462
South Africa		324						233	854			1 411
Spain		264										264
Ukraine		128										128
UK		1 242										1 242
Uruguay		767										767
<b>Total</b>		<b>8 892</b>		<b>&lt;1</b>		<b>5 214</b>	<b>2 665</b>	<b>789</b>	<b>854</b>	<b>869</b>		<b>19 283</b>

Table 4: National reported catch (tonnes) of finfish in the Convention Area, by country, since the 1990/91 split-year. Source: STATLANT data.

Country	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Argentina				13	877	108			10	
Australia	1	6		4			1 092	2 494	5 546	2 665
Bulgaria		115	223	71	179					
Chile		2 917	2 125	151	1 896	3 098	1 275	1 494	1 668	2 324
France	1 576	1 590	826	4 211	4 173	3 673	3 681	3 879	6 285	5 769
India						<1				
Japan						264	335	76		
Rep. of Korea				146	423	389	459	178	259	381
New Zealand							<1	56	342	869
Poland	41									
Russia		48 589	283	266	12	103			273	3 462
Sth Africa							2 106	1 197	1 004	1 411
Spain	41						293	199	154	264
Ukraine		11 267	2 348	942	5 473	1 004	1 007	997	760	128
USSR*	97 240									
UK	13	15		11			408	595	1 254	1 242
USA						187			16	
Uruguay								263	522	767
<b>Total</b>	<b>98 912</b>	<b>64 504</b>	<b>5 804</b>	<b>5 815</b>	<b>13 034</b>	<b>8 826</b>	<b>10 655</b>	<b>11 428</b>	<b>18 094</b>	<b>19 283</b>

\* Although the USSR was formally dissolved on 1 January 1992, for comparative purposes, statistics are compiled here for Russia and Ukraine separately for the 1991/92 split-year.

Table 5: Reported catches (tonnes) of *Dissostichus eleginoides* and *Dissostichus mawsoni* by Members and Accessing States in EEZs and in the Convention Area, and estimates of unreported catches from the Convention Area by Members and Accessing States in the 1999/2000 split-year. Catches for the 1998/99 split-year are given in parentheses. The information in this table may be incomplete.

Member/ Accessing State	Outside CCAMLR Area Catch in EEZs	CCAMLR Area Reported Catch	CCAMLR Area Estimates of Unreported Catches by Members	Estimated Total Catch All Areas				
Argentina	4 667	(8 297)	0	(10)	0	(800)	4 667	(9 107)
Australia	82	(100)	2 579	(5 451)	0	(0)	2 661	(5 551)
Chile	2 704 <sup>1</sup>	(9 093) <sup>2</sup>	1 609	(1 668)	0	(3 280)	4 313	(14 120)
France	0	(0)	5 503	(6 260)	0	(0)	5 503	(6 260)
Japan	0	(0)	0	(0)	0	(0)	0	(0)
Rep. of Korea	0	(0)	380	(255)	0	(0)	380	(255)
New Zealand	<1	(<1)	751	(296)	0	(0)	751	(323)
Peru	0	(0)	0	(0)	0	(0)	0	(0)
South Africa	180	(75)	1 239	(948)	0	(0)	1 419	(957)
Spain	0	(0)	264	(154)	0	(0)	264	(154)
UK	3 919 <sup>3</sup>	(>1 416) <sup>3</sup>	1 221	(1 238)	0	(0)	5 140	(2 654)
Ukraine	0	(0)	128	(760)	0	(0)	128	(760)
Uruguay	0	(1 059)	767	(517)	0	(0)	767	(1 576)
USA	0	(0)	0	(<1)	0	(0)	0	(<1)
<b>All countries</b>	<b>11 553</b>	<b>(20 041)</b>	<b>14 441</b>	<b>(17 558)</b>	<b>0</b>	<b>(4 080)</b>	<b>25 993</b>	<b>(41 718)</b>

<sup>1</sup> Based on reports from CDS to August 2000

<sup>2</sup> 1998 calendar year

<sup>3</sup> From Falkland/Malvinas Islands

Table 6: Draft structure of the Fishery Plan.

CCAMLR Fishery Plan – DRAFT Fishery details	Species: Area, subarea or division, or subdivision: Gear types:		Closed Fisheries
	CCAMLR Season		
	1999/2000	2000/2001 (expectations)	Specify Conditions for Reopened Fishery
Conservation Measure adopted?			
1. Harvest Controls Closed areas Open and/or closed seasons Total allowable catch Effort limitation (number of vessels, Member states etc.) Fish size limits By-catch limits			
2. Data Reporting Requirements (e.g. fishery closure when the TAC is reached, VMS) Within season and/or post season data reporting to support stock assessment by the Scientific Committee International CCAMLR scientific observer requirements Other observer requirements Any other provisions (specify)			
3. Notification Requirements Notification required? Notification deadline Notification preferences (i) Research and fishery operations plan The nature of the proposed fishery including target species, methods of fishing, proposed region. Any minimum level of catches that would be required to develop a viable fishery. Biological information from comprehensive research/survey cruises, such as distribution, abundance, demographic data and information on stock identity. Details of dependent and associated species and the likelihood of them being affected by the proposed fishery. Information from other fisheries in the region or similar fisheries elsewhere that may assist in the valuation of potential yield. Other requirements (specify)? (ii) Limits on fishing capacity and effort. (iii) The name, type, size, registration number and radio call sign of each vessel participating. (iv) Other notification preferences (specify)?			
4. Data Collection Plan (in addition to standard CCAMLR reporting requirements) Data collection plan required/prepared? Data collection plan contents A description of the catch, effort, and related biological, ecological, and environmental data required to undertake an evaluation of the status and potential of the fishery, in accordance with Article II. A plan for directing fishing effort during the exploratory phase. An evaluation of the time-scales involved in determining the responses of harvested, dependent and related populations to fishing activities.			
5. Fishing Activity Total allowable catch Total reported catch Number of vessels Days fished Period of season Major by-catch species			
6. Data Reported to CCAMLR Notifications received by CCAMLR Within season Haul by haul Biological data Data collection plan (in addition to standard CCAMLR reporting requirements) Research and fishery operations plan			
7. Assessment Most recent assessment performed? Method of discounting for lapse since last assessment			

Table 7: Summary proposals for the application of regulatory requirements to all fisheries under a unified framework.

Regulatory Requirement	Current Application	Proposed Application
1. Prior notification of the intent to harvest with details of the proposed harvesting activity as required.	New and exploratory fisheries	Some form of prior notification should be required of all fisheries in the Convention Area. The Scientific Committee needs to know the likely distribution of effort in the coming season to determine whether effort is going to become a problem, requiring specific conservation measures, such as closed areas etc. or measures to spread effort.
2. Submission of research and fisheries operations plans (RFOPs).	Exploratory fisheries	For all fisheries where the requirement has been identified.
3. Modification and/or approval of fishing plans.	New and exploratory fisheries <sup>1</sup>	For all fisheries where the requirement has been identified.
4. Preparation of data collection plans (DCPs).	New and exploratory fisheries <sup>2</sup>	Data requirements should be specified by the Scientific Committee for all fisheries. These may include: fisheries-based data, observer data, experimental data (usually based on an RFOP), and/or fishery-independent (survey) data.
5. Assessment of stock status and potential.	All fisheries	All fisheries. The types of stock assessment that can be performed and the currency of those assessments can be forecast on the basis of the presence or absence of data. If a fishery has lapsed or been closed and no data are available, data requirements can be specified. A new assessment by the Scientific Committee will only be undertaken when these specifications (or agreed modifications to these specifications) have been met.
6. Preparation of management advice.	All fisheries	All fisheries. The decisions that can be made (e.g. decision rules) can be forecast on the basis of the presence or absence of data.
7. Collection and submission of data and information from active fisheries.	All active fisheries	All active fisheries.

<sup>1</sup> Although the modification and/or approval of fishing plans and the preparation of data collection plans are not specifically required under the new fisheries conservation measure (there is no specific requirement for a fishing plan to be submitted with a new fisheries notification), in practice the Scientific Committee has applied the same standards for these activities to new fisheries, as are presently required for exploratory fisheries.

<sup>2</sup> The Research and Fishery Operations Plan must include a description of how the Members' activities will comply with the Data Collection Plan developed by the Scientific Committee. However, the Data Collection Plan may not be developed until after the deadline for submission of the Research and Fisheries Operation Plan, at least in the first year of the exploratory fishery (see Table 6).

Table 8: Existing guidance on notifications in the new and exploratory fisheries conservation measures.

Item	New Fisheries	Exploratory Fisheries
Notification of submission deadline	Not less than three months in advance of the next regular meeting of the Commission	Not less than three months in advance of the next regular meeting of the Commission, and the Member shall not enter the exploratory fishery until the conclusion of that meeting.
The nature of the proposed fishery including target species, methods of fishing, proposed region and any minimum level of catches that would be required to develop a viable fishery.	Specifically requested	Included in the Research and Fishery Operations Plan.
Biological information from comprehensive research/survey cruises, such as distribution, abundance, demographic data and information on stock identity.	Specifically requested	Included in the Research and Fishery Operations Plan.
Details of dependent and associated species and the likelihood of them being affected by the proposed fishery.	Specifically requested	Included in the Research and Fishery Operations Plan.
Information from other fisheries in the region or similar fisheries elsewhere that may assist in the valuation of potential yield.	Specifically requested	Not specifically requested, but implied, because any fishery designated as an exploratory fishery must have been previously classified as a new fishery.
Research and Fishery Operations Plan	Not specified	Must be submitted by each Member active in the fishery or intending to authorise a vessel to enter the fishery. <sup>1</sup>
Limits on fishing capacity and effort	Not specified	Limited by a precautionary catch limit at a level not substantially above that necessary to obtain the information specified in the Data Collection Plan.
The name, type, size, registration number, and radio call sign of each vessel participating.	Not specified	Registered with the CCAMLR Secretariat at least three months in advance of starting fishing each season.
Scientific observer	Not specified	Required for each vessel.

<sup>1</sup> The Research and Fishery Operations Plan must include a description of how the Members' activities will comply with the Data Collection Plan developed by the Scientific Committee. However, the Data Collection Plan may not be developed until after the deadline for submission of the Research and Fisheries Operation Plan, at least in the first year of the exploratory fishery (see Table 6).

Table 9: Existing guidance on data collection and management of new and exploratory fisheries.

Item	New Fisheries	Exploratory Fisheries
Data Collection Plan	Not specified	Formulated and updated by the Scientific Committee following receipt of a notification for an exploratory fishery by a Member.
Limits on fishing capacity and effort.	Not specified	Limited by a precautionary catch limit at a level not substantially above that necessary to obtain the information specified in the Data Collection Plan.
A description of the catch, effort, and related biological, ecological, and environmental data required to undertake an evaluation of the status and potential of the fishery, in accordance with Article II.	Not specified	Included in the Data Collection Plan, where appropriate, to facilitate evaluation of the distribution, abundance, and demography of the target species, leading to an estimate of the fishery's potential yield; to review the fishery's potential impacts on dependent and related species; and to allow the Scientific Committee to formulate and provide advice to the Commission on appropriate harvest catch levels, as well as effort levels and fishing gear, where appropriate.
A plan for directing fishing effort during the exploratory phase.	Not specified	Required as part of the Data Collection Plan, where appropriate, to permit the acquisition of relevant data to evaluate the fishery potential and the ecological relationships among harvested, dependent, and related populations and the likelihood of adverse impacts.
An evaluation of the time-scales involved in determining the responses of harvested, dependent and related populations to fishing activities.	Not specified	Included in the Data Collection Plan, where appropriate.
Scientific observer	Not specified	Required for each vessel.
Penalty for non-submission of data.	Not specified	If the data specified in the Data Collection Plan have not been submitted to CCAMLR for the most recent season in which fishing occurred, continued exploratory fishing by the Member which failed to report its data shall be prohibited until the relevant data have been submitted to CCAMLR and the Scientific Committee has been allowed an opportunity to review the data.

Table 10: Scientific Committee budget for 2001 and forecast for 2002.

2000 Budget		2001 Budget	2002 Forecast
	<b>WG-FSA</b>		
	Meeting		
0	Computing Facilities	6 900	6 900*
16 800	Preparation and Secretariat support	18 400	19 300
<u>27 000</u>	Report completion and translation	<u>28 100</u>	<u>30 000</u>
43 800		53 400	55 000
0	Workshop on <i>C. gunnari</i>	4 000	0
	<b>WG-EMM</b>		
	Meeting		
20 100	Preparation and Secretariat support	20 900	21 200
<u>25 100</u>	Report completion and translation	<u>25 900</u>	<u>26 200</u>
45 200		46 800	47 400
	<b>Travel for Scientific Committee Program</b>		
*42 300	WG-EMM meeting (freight, flights and subsistence)	43 600	44 200
	CCAMLR 2000 Workshop		
3 900	Data Manager travel	0	7 000
3 900	Secretarial support	0	7 000
<u>10 000</u>	Report costs	<u>8 600</u>	<u>8 800</u>
17 800		8 600	22 800
<u>1 100</u>	<b>Contingency</b>	<u>1 100</u>	<u>1 200</u>
A\$150 200	Total	A\$157 700	A\$170 600

\* Includes an additional A\$1 200 recommended by the Scientific Committee at the time of adoption.