

**SECTION III**

(pages 41 to 53)

**Report of the Fisheries Commission Working Group on Statistics  
27 March 2001  
Copenhagen, Denmark**

Report of the Working Group.....	43
1. Opening of the Meeting.....	43
2. Appointment of Rapporteur.....	43
3. Adoption of Agenda.....	43
4. Review and validation of catch and effort data for 3M shrimp.....	43
5. Adjournment.....	44
Annex 1. List of Participants.....	45
Annex 2. Agenda.....	50
Annex 3. Revised Shrimp 3M catches and Allocated/Used Days 1993-2000.....	51
Annex 4. 3M Shrimp Data (paper by Lithuania).....	53



**Report of the Fisheries Commission Working Group  
on Statistics  
(FC Doc. 01/6)**

**27 March 2001  
Copenhagen, Denmark**

The Fisheries Commission Working Group on Statistics met in accordance with the decision taken by the Fisheries Commission at the 22nd Annual Meeting, September 2000 (FC Doc. 00/21, Part I, item 3.18).

**1. Opening of the Meeting**

The meeting was opened by the Chairman, Mr. H. Koster (EU), who welcomed all delegates to Copenhagen. Mr. Einar Lemche (Denmark on behalf of the Faroes Islands and Greenland - DFG) provided additional details on organizational aspects of the meeting. A list of participants is attached (Annex 1).

**2. Appointment of Rapporteur**

Mr. W. Evans (Canada) was appointed as Rapporteur.

**3. Adoption of Agenda**

The agenda, as presented, was adopted (Annex 2).

**4. Review and validation of catch and effort data for 3M shrimp**

The Chairman opened discussions by defining possible objectives for this meeting as follows:

1. To produce a single table of catch statistics for 3M shrimp as reported by Contracting Parties in accordance with NAFO requirements.
2. To include footnotes in the table on reference catch and/or effort levels to be used by the Fisheries Commission.

The Chairman noted that it would be desirable to remove as much uncertainty as possible in advance of the Fisheries Commission meeting which could then focus on whether NAFO should adopt an allocation key based on effort and/or catch statistics.

The Chairman proposed to work on the basis of the assumption that Contracting Parties are responsible for their statistics. NAFO can therefore not amend official statistics. It would, however, be within the competence of the Fisheries Commission to base itself on adjusted reference catches.

There was further extensive discussion on this matter by most delegations. There was general agreement that the working group would develop a table of statistics with explanatory footnotes to outline concerns of particular delegations. All delegations would be offered the opportunity to provide input for the explanatory footnotes.

A list of working papers were identified as follows: FC WG WP 01/1, FC WG WP 01/2, FC WG WP 01/3, FC WG WP 01/4, and FC WG WP 01/5. Additional Working Papers (FC WG WP 01/6 - FC WG WP 01/13) as well as revisions to earlier papers were circulated throughout the meeting.

FC W.G. W.P. 01/14 presented by Lithuania after the meeting was adjourned is printed in Annex 4.

All Contracting Parties were invited to confirm the data to be included in FC WG WP 01/6.

Canada noted that it was prepared to accept data outlined in FC WG WP 01/1 and therefore withdrew FC WG WP 01/4.

With respect to adjustments of reference catches, the Chairman suggested that FC WG WP 01/3 – 3M Shrimp Reference Figures (prepared by DFG) – provided the basis for further discussion. Most delegations thanked the DFG delegation for their efforts.

The DFG delegation introduced FC WG WP 01/3. The paper calculates reference levels primarily based on catch and effort statistics reported by Contracting Parties with the following exceptions:

1. Contracting Parties that allocated more days than given by NAFO.
2. Contracting Parties that used more days than allocated.
3. Contracting Parties that used the objection procedure.

The DFG delegation noted that there were some minor miscalculations in the Working Paper (minimum of 400 days for any Contracting Party with track record) that would be reflected in a revised FC WG WP 01/11.

Although there was some agreement with this approach, many delegations also noted specific difficulties with some of these principles as well as the resulting reference levels.

It was generally agreed that these concerns would, to the extent possible, be identified in the explanatory notes attached to a table produced by the NAFO Secretariat.

Although several Contracting Parties were troubled about amended statistics for certain other Contracting Parties, data submitted by each Contracting Party was included in the revised table. The Latvian delegate insisted that its reservations on the proposed revised table were reflected in FC WG WP 01/06.

FC WG WP 01/6 (Revision 4) was adopted (Annex 3) as the basis for the deliberation of the Fisheries Commission on revised management measures for 3M shrimp.

## 5. Adjournment

The Chair adjourned the meeting at 1800 on 27 March 2001.

## Annex 1. List of Participants

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**Annex 2. Agenda**

1. Opening by the Chair, H. Koster (EU)
2. Appointment of Rapporteur
3. Adoption of Agenda
4. Review and validation of catch and effort data for 3M shrimp
5. Adjournment

**Annex 3. Revised Shrimp 3M Catches and Allocated/Used Days  
1993-2000**  
(FC W.G. W.P. 01/6 – Revision 4 – prepared by NAFO Secretariat)

**Table 1. Revised Shrimp 3M catches and allocated/used days 1993-2000 (as received up to March 27 2001)**  
(Data for 2000 were taken from provisional monthly catch reports and hauls)

Contracting Party	1983		1984		1985		1986		1987		1988		1989		2000			
	Used	Catch	Used	Catch	Used	Catch	Alloc.	Used	Alloc.	Used	Catch	Alloc.	Used	Alloc.	Used	Catch		
Canada	507	3191	333	1042	319	968	492	311	908	443	156	784	443	82	435	385	618	
Cuba	-	-	-	-	-	-	100	-	-	100	-	-	100	-	-	100	22	46
Den.-Faroes	1198	7333	1778	6791	1141	5993	1785	1869	8688	1806	1274	7410	1806	1317	9368	1606	963	
Den.-Greenland	572	3780	482	2272	265	2316	572	202	1098	515	31	105	515	113	862	515	201	
Estonia	149	288	744	1050	2228	2379	1852	1086	1899	1667	1237	3240	1667	1454	5533	1667	1683	
European Union 1)	139	754	97	432	44	487	508	128	198	457	158	593	457	331	1553	457	315	
France (SF)	-	-	-	-	-	-	100	-	-	100	22	-	100	-	-	100	-	
Iceland 3)	279	2195	538	2355	1842	7481	N/A	5256	20682	N/A	1327	5473	N/A	980	6580	N/A	8912	
Japan	-	-	-	-	-	-	100	-	-	100	-	-	100	-	-	100	69	
Korea	-	-	-	-	-	-	100	-	-	100	-	-	100	-	-	100	114	
Latvia 2)	-	-	190	324	649	679	544	504	1253	490	344	997	490	334	1191	490	460	
Lithuania 2)	-	-	453	863	638	980	638	918	1585	579	611	1785	579	866	3107	579	3528	
Norway	1403	7074	2206	8625	2162	9391	2206	1549	5646	1985	329	1886	1985	211	1339	1985	399	
Poland 2)	-	-	-	-	-	-	100	-	-	100	100	817	100	40	148	100	43	
Russia 2) *	76	54	167	350	1533	3327	N/A	2541	4445	2600	448	1090	2600	-	-	2100	1411	
Ukraine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	18	
USA	-	-	-	-	-	-	100	-	-	100	-	-	100	-	-	100	94	
<b>Total</b>	<b>4323</b>	<b>246249</b>	<b>7088</b>	<b>24104</b>	<b>10821</b>	<b>34001</b>	<b>9197</b>	<b>14364</b>	<b>46404</b>	<b>10842</b>	<b>6037</b>	<b>25180</b>	<b>10842</b>	<b>5728</b>	<b>30116</b>	<b>10555</b>	<b>6504</b>	<b>43268</b>
																<b>10555</b>	<b>7624</b>	<b>50338</b>

\* The number of days used in 1995 up to the end of August is 1140 days.

NOTE: See explanation of footnotes on next page.

Footnotes:

- 1) The EU stated that the data for the years 1993-1995 reflect uncertainties due to the absence of regulatory measures for shrimp in those years and due to catches having been taken in mixed fisheries (i.e. vessels engaging in both shrimp fisheries as well as demersal fisheries such as redfish, cod and Greenland halibut in NAFO Division 3M). The allocation of 508 shrimp fishing days is based according to the EU on the examination of all relevant sources such as logbooks and hail reports. Certain other Contracting Parties were of the opinion that the appropriate reference for the EU would be 400 days as from 1997. As the EU did not exceed levels considered appropriate no adjusted reference is calculated.
- 2) Certain Contracting Parties exceeded the levels of fishing days allocated. Adjusted reference catches are calculated as follows:

Lithuania	1996	$1585 \cdot 453 / 918 = 782$ tonnes
	1997	$1.785 \cdot 408 / 611 = 1.192$ tonnes
	1998	$3.107 \cdot 408 / 866 = 1.464$ tonnes
	1999	$3.371 \cdot 408 / 620 = 2.218$ tonnes
Poland	1999	$859 \cdot 100 / 104 = 826$ tonnes
Latvia	1999	$3.080 \cdot 490 / 498 = 3.031$ tonnes
Russia	1996	$4444 \cdot 1140 / 2541 = 1994$ tonnes

Lithuania stated that it is not in agreement with the calculation of the reference catches.

Russia could understand the calculation but was opposed to any adjustment to its reference level.

- 3) Iceland lodged objections to the NAFO regulatory measures concerning 3M shrimp and applied catch restrictions instead. Iceland stated that it is not in agreement with any adjustments to its reference level.

It was suggested by certain other Contracting Parties that on the basis of the NAFO regulatory measures the reference catches could be calculated as follows:

Iceland	1996	$20.682 \cdot 1323 / 5256 = 5206$ tonnes
	1997	$6.473 \cdot 1191 / 1327 = 5810$ tonnes
	1999	$9286 \cdot 1191 / 1222 = 9050$ tonnes

NOTE: Latvia expressed general reservation to the Table 1, in particular, on fishing days used and allocated for years 1995 and 1996 by using uncertain and not reliable statistical data.

**Annex 4. 3M Shrimp Data (paper by Lithuania)**  
**(FC W.G. W.P. 01/14)**

Bearing in mind that the fishing fleet of Lithuania has not fished shrimps in the NAFO Regulatory Area after September 1, 1995, the adjusted reference catches of Lithuania (FC W.G. W.P. 01/6-Revision 3) are not correct.

The correct adjusted reference catches of Lithuania must be calculated as follows:

1996	$1585 : 918 = 1.73 \text{ mt/day};$	$1,73 \times 638 = 1104 \text{ mt}$
1997	$1785 : 611 = 2.92;$	$2.92 \times 579 = 1691$
1998	$3107 : 866 = 3.59;$	$3.59 \times 579 = 2079$
1999	$3371 : 620 = 5.44;$	$5.44 \times 579 = 3150$
2000	$3528 : 581 = 6.07;$	$6.07 \times 579 = 3516$

