Table 1.1 Catch from the eastern Bering Sea by area, the Aleutian Islands and the Bogoslof Island area, 1979-98. (1998 values set equal to TAC).

	Eastern Bering Sea			Aleutians	Donut Hole	Bogoslof I.
Year	Southeast	Northwest	Total			
1979	368,848	566,866	935,714	9,504		
1980	437,253	521,027	958,280	58,156		
1981	714,584	258,918	973,502	55,516		
1982	713,912	242,052	955,964	57,978		
1983	687,504	293,946	981,450	59,026		
1984	442,733	649,322	1,092,055	81,834	181,200	
1985	604,465	535,211	1,139,676	58,730	363,400	
1986	594,997	546,996	1,141,993	46,641	1,039,800	
1987	529,461	329,955	859,416	28,720	1,326,300	377,436
1988	931,812	296,909	1,228,721	30,000	1,395,900	87,813
1989	904,201	325,399	1,229,600	15,531	1,447,600	36,073
1990	640,511	814,682	1,455,193	79,025	917,400	151,672
1991	712,206	505,095	1,217,301	78,649	293,400	264,760
1992	663,457	500,983	1,164,440	48,745	10,000	160
1993	1,095,314	231,287	1,326,601	57,132	1,957	886
1994	1,183,360	180,098	1,363,458	58,637	NA	566
1995	1,170,828	91,939	1,262,766	64,429	trace	264
1996	1,086,840	105,938	1,192,778	29,062	trace	387
1997	820,050	304,543	1,124,593	25,940	trace	168
1998	965,766	135,399	1,101,165	23,822	trace	136
1999	814,622	177,378	992,000	1,001	trace	111

1979-1989 data are from Pacfin.

1990-1999 data are from NMFS Alaska Regional Office, includes discards; 1999 prorated from October 31 estimate by area.

POLAND

REPORT ON THE POLISH TRIAL OPERATION ON POLLOCK IN THE CONVENTION AREA OF THE BERING SEA IN 1998

The trial fishing in the Bering Sea Convention area (Donut hole) was conducted by Polish vessel in 1998, in accordance with the intention indicated during the Second Annual Conference (Nov. 3-7, 1997, Seattle, USA).

Trial fishing was carried out by Polish stern trawler ACAMAR (length – 95 m, tonnage – 3708 GRT) in the period from 3 through 8 September 1998. The main purpose of the trial was to determine the geographical distribution of pollock in Convention area and to collect biological data. Scientific observer was placed on board of the vessel during the cruise. Observer was certified in the Sea Fisheries Institute, Gdynia, Poland in accordance with procedures established by Poland and consistent with relevant aspects of the training for observer provided by the United States in March 1997.

During the of searching time 820 Nm of hydroacoustic trackline were conducted (Fig. 1).

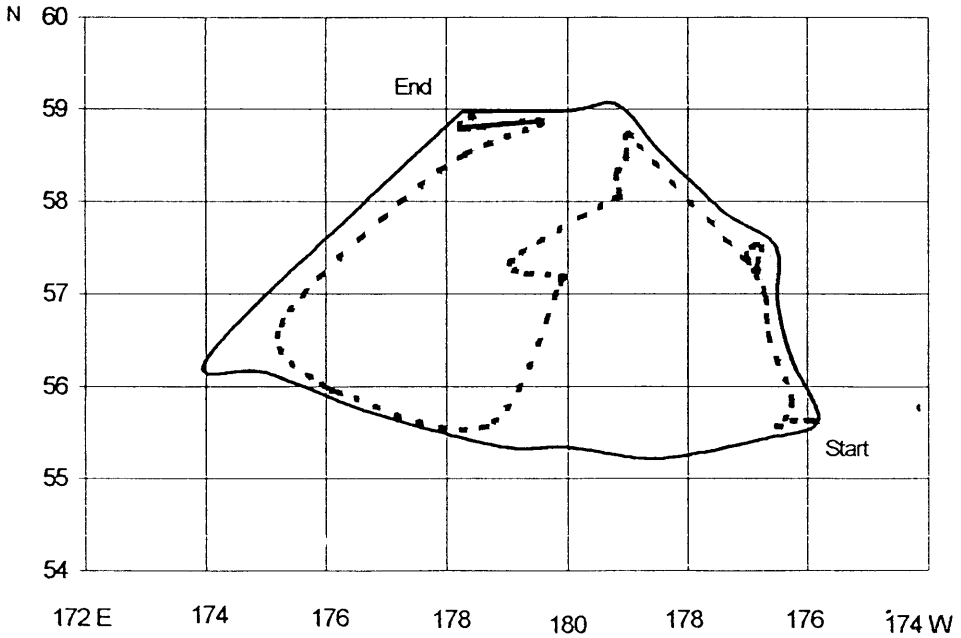

Fig. 1. Hydroacoustic trackline and the site of hauls (solid line) of m/t ACAMAR during trial fishing in Convention area of the Bering Sea in September 1998.

At depth from 180 to 250 m, the echograms indicated presence of layer typical for plankton. During the dawns, the layer was moved down to maximum 250 m, and at nightfall the movement of layer was reverse, up to minimum 50 m. Such a layer was most abundant near the Bower's Ridge area.

Five hauls were performed and only 57 kg of fish and squids were caught. Lanternfish (Myctophidae) - 30 kg, smooth lumpsucker (Aptocyclus ventricosus) – 15 kg, and squids (Decapoda) – 8 kg prevailed in the catches. Only two specimens of pollock (Theragra chalcogramma) and one chum salmon (Oncorhyncus keta) were caught in the northern part of the Donut hole in haul 5. Adult pollock measured over 60 cm in length, both were females and their gonads maturity were at developing stage.

Sea surface temperature of water varied between 8,9°C in north-eastern to 10,5°C in south-western area.

The data forms were completed by scientific observer – Radoslaw Zaporowski and are attached to the report.

Jerzy Janusz
Sea Fisheries Institute
Kollataja 1, 81-332 Gdynia, Poland

HAUL SUMMARY FORM

CRUISE #			VESSEL CODE					YEAR	
1	2	3	4	5	6	7	8	9	10
0	1	7	S	9	R	7		9	8

OBSERVER NATION
1 2 3 (4) 5

VESSEL NATION
1 2 3 (4) 5

OBSERVER NAME
ZAPOROWSKI RADOSLAW

VESSEL NAME
R/V ACAMAR

Attachmen

HAUL SAMPLED	DATE MONTH 11 12	DATE DAY 13 14	HAUL # 15 - 17	GEAR TYPE 18	GEAR PERFORMANCE 19	HAUL POSITION LATITUDE (NORTH) 20 - 23	1/2 24	LONGITUDE 25 - 29	FISHING TIMES IN GMT NETS AT DEPTH 30 - 33	BEGIN RETRIEVAL 34 - 37	FISHING DURATION IN MINUTES 38 - 40	AVERAGE FISHING DEPTH 41 - 43	AVG. SPEED KNOTS 44-45	OBSERVER TOTAL CATCH ESTIMATE (MT) 46 - 50	VESSEL TOTAL CATCH ESTIMATE (MT) 51 - 55	SEA SURFACE TEMP. (C) 56 - 59	FISHING DEPTH TEMP. (C) 60 - 63	SEA STATE 64
X	09	03	1	1	1	57 22	2	176 48	22.00	00.20	140	230	4,9	0.007	0.0	9,8	–	2
X	09	04	2	1	1	58 29	2	179 06	13.20	14.40	80	150	4,6	0.016	0.0	9,0	–	3
X	09	04	3	1	1	57 11	2	179 68	22.35	23.20	45	200	4,6	0.004	0.0	9,0	–	3
X	09	05	4	1	1	55 56	1	176 11	20.45	22.35	110	180	4,7	0.006	0.0	10,5	–	2
X	09	07	5	1	1	58 51	1	179 35	20.45	06.00	550	150	4,3	0.025	0.0	8,9	–	3

SPECIES COMPOSITION FORM

Observer Name ZAPOROWSKI RADOSLAW

Observer Nation 1 2 3 (4) 5

Vessel Name F/V ACAMAR

Vessel Nation 1 2 3 (4) 5

Species:						
Wt. of above:						
No. weighed:						
Avg. weight:						

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1	7	S	Q	R	Z		9	8	0	9	0	3

ST = Sampling Type
(1) = whole haul
2 = partial haul
3 = weighed sample

Haul (15 - 18)	Species name	Species code (19 - 21)	ST (22)	Number (23 - 28)	Species weight in kg. w/ decimal (29 - 37)	Sample weight in kg. w/ decimal (38 - 46)
1						
	(keypunch check)	999	X			X
	Myctophidae	12	1		5	
	Decapoda	06	1		2	

Haul (15 - 18)	Species name	Species code (19 - 21)	ST (22)	Number (23 - 28)	Species weight in kg. w/ decimal (29 - 37)	Sample weight in kg. w/ decimal (38 - 46)
2						
	(keypunch check)	999	X			X
	Myctophidae	12	1		12	
	Decapoda	06	1		2	
	Scyphozoa	05	1		2	

Revised 2/24/97

SPECIES COMPOSITION FORM

Observer Name ZAPOROWSKI RADOSLAW

Observer Nation 1 2 3 (4) 5

Vessel Name F/V ACAMAR

Vessel Nation 1 2 3 (4) 5

Species:						
Wt. of above:						
No. weighed:						
Avg. weight:						

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
0	1	7	S	Q	R	7		9	8	0	9	0	4

ST = Sampling Type
1 = whole haul
2 = partial haul
3 = weighed sample

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
3		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X			X
	Myctophidae	12	1		3	
	Decapoda	06	1		1	

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
4		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X			X
	Myctophidae	12	1		5	
	Decapoda	06	1		1	
	Aptocyclus ventricosus	13	1		1	

Revised 2/24/97

SPECIES COMPOSITION FORM

Observer Name ZAPOROWSKI RADOSŁAW

Observer Nation 1 2 3 (4) 5

Vessel Name F/V ACAMAR

Vessel Nation 1 2 3 (4) 5

Species:						
Wt. of above:						
No. weighed:						
Avg. weight:						

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1	7	S	Q	R	7		9	8	0	9	0	7

ST = Sampling Type
1 = whole haul
2 = partial haul
3 = weighed sample

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
5		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X			X
	Myctophidae	12	1		5	
	Decapoda	06	1		2	
	Aptocyclus ventricosus	13	1		14	
	Oncorhynchus keta	18	1		1	
	Theragra chalcogramma	30	1		3	

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X			X

Revised 2/24/97

LENGTH FREQUENCY FORM

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
0	1	7	S	Q	R	J		9	8	0	9	0	7

OBSERVER NATION
1 2 3 (4) 5

OBSERVER NAME
ZAPOROWSKI RADOSŁAW

VESSEL NATION
1 2 3 (4) 5

VESSEL NAME
F/V ACHAMAR

5 mm SIZE GROUPS:

0-5 mm rounded down to 0 mm
5-10 mm rounded down to 5 mm

SPECIES NAME	SPECIES CODE	HAUL NUMBER	SEX CODE	SUM OF ROW	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER
	15-16	17 - 19	20	21 - 24	25-28	29-31	32-35	36-38	39-42	43-45	46-49	50-52	53-56	57-59	60-63	64-66	67-70	71-73
Coryphaenoides rupestris	18	5	2	461	460	1												
Theragra chalcogramma	30	5	2	1247	600	1	645	1										

BIOLOGICAL SAMPLE FORM

OBSERVER NATION 1 2 3 (4) 5

OBSERVER NAME ZAPOROWSKI RADOSŁAW

VESSEL NATION 1 2 3 (4) 5

VESSEL NAME F/V ACAMAR

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1	7	8	Q	R	7		9	8	0	9	0	7

	SPECIES NAME	SPECIES CODE	HAUL NUMBER	SEX CODE	SPECIMEN NUMBER	SPECIMEN TYPE	SAMPLING SYSTEM	LENGTH	WEIGHT (kg)	MATURITY CODE	REMARKS
		15-16	17 - 19	20	21 - 24	25	26	27 - 30	31 - 34	35	
1	Oncorhynchus keta	18	5	2	1	1	2	460	1.100	2	(not scales)
2	Theragra chalcogramma	18	5	2	1	2	2	600	1.380	2	
3	— " —	30	5	2	1	2	2	645	1.880	2	
4									.		
5									.		
6									.		
7									.		
8									.		
9									.		
10									.		
11									.		
12									.		
13									.		
14									.		
15									.		
16									.		
17									.		
18									.		
19									.		

POLAND

REPORT ON THE POLISH TRIAL OPERATION ON POLLOCK IN THE CONVENTION AREA OF THE BERING SEA IN 1999

The trial fishing in the Bering Sea Convention area (Donut hole) was conducted by Polish vessel in spring 1999, in accordance with the intention indicated during the Third Annual Conference (Nov. 30 – Dec. 4, 1997, Tokyo, Japan).

Trial fishing was carried out by Polish stern trawler ACAMAR (length – 95 m, tonnage – 3708 GRT) in the period from April 29 through May 3, 1999. The main purpose of the trial was to determine the geographical distribution of pollock in Convention area and to collect biological data. Scientific observer was placed on board of the vessel during the cruise.

During the searching time 744 Nm of hydroacoustic trackline were conducted (Fig. 1).

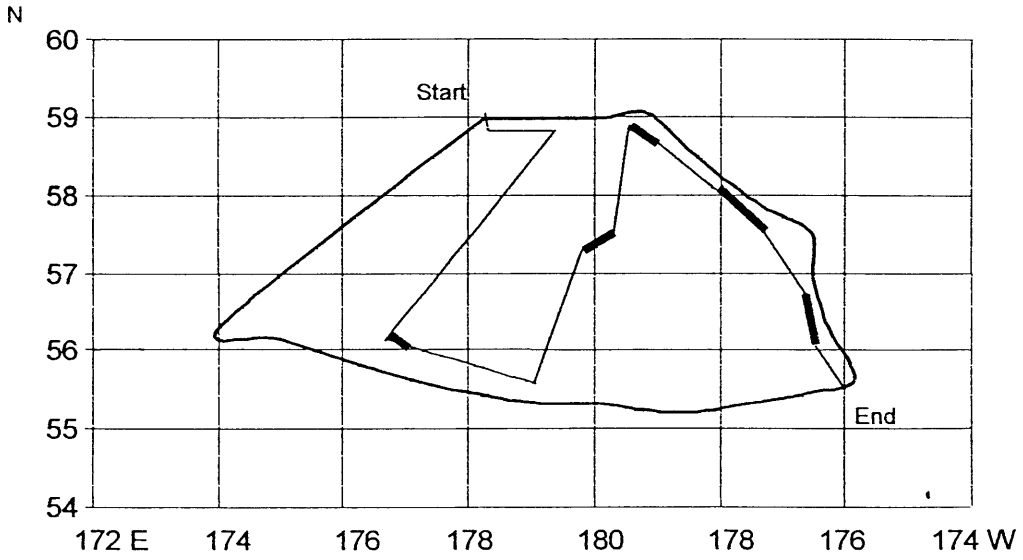

Fig.1. Hydroacoustic trackline and the site of hauls (solid line) of m/t ACAMAR during trial fishing in Convention Area of the Bering Sea (Spring 1999)

Five hauls were performed at depth between 90 to 390 m, and 186,6 kg of fish and squids were caught, with the prevalance of (in weight): salmon shark (*Lamna ditropis*) – 75,5 kg, chum salmon (*Oncorhynchus keta*) – 49,8 kg, and smooth lumpsucker (*Aptocyclus ventricosus*) – 40 kg. Squids (*Decapoda*) constituted 12,4 kg of total catch. Only two specimens of pollock (*Theragra chalcogramma*) were caught in southeastern (haul 1) and northeastern part of the Donut hole (haul 4). Adult pollock measured 58,5 cm in length (male) and 60,5 cm (female).

Sea surface temperature of water varied between 2,0°C in the central area to 6,0°C in north-eastern area.

The data forms were completed by scientific observer and are attached to the report.

Jerzy Janusz
Sea Fisheries Institute
Kollataja 1, 81-332 Gdynia, Poland

HAUL SUMMARY FORM

CRUISE #			VESSEL CODE					YEAR	
1	2	3	4	5	6	7	8	9	10
	1	8		S	Q	R	2	9	9

OBSERVER NATION
1 2 3 (4) 5

VESSEL NATION
1 2 3 (4) 5

OBSERVER NAME
JANUSZ SOSNOWSKI

VESSEL NAME
M/V ACAMAR

Attachment

HAUL SAMPLED	DATE MONTH 11 12	DATE DAY 13 14	HAUL # 15 - 17	GEAR TYPE 18	GEAR PERFORMANCE 19	HAUL POSITION LATITUDE (NORTH) 20 - 23	1/2 24	LONGITUDE 25 - 29	FISHING TIMES IN GMT NETS AT DEPTH 30 - 33	BEGIN RETRIEVAL 34 - 37	FISHING DURATION IN MINUTES 38 - 40	AVERAGE FISHING DEPTH 41 - 43	AVG. SPEED KNOTS 44-45	OBSERVER TOTAL CATCH ESTIMATE (MT) 46 - 50	VESSEL TOTAL CATCH ESTIMATE (MT) 51 - 55	SEA SURFACE TEMP. (C) 56 - 59	FISHING DEPTH TEMP. (C) 60 - 63	SEA STATE 64
X	04	30	001	1	1	5607	1	17618	2140	0200	260	390	4,3	00.01	00.01	2,4	4,2	2
X	05	01	002	1	1	5718	1	17949	2110	0340	360	100	4,4	00.01	00.01	2,0	4,1	3
X	05	02	003	1	1	5841	2	17910	2010	0140	330	190	4,4	00.06	00.05	6,0	5,0	3
X	05	02	004	1	1	5751	2	17735	0915	1215	480	120	4,5	00.10	00.10	3,2	4,6	3
X	05	03	005	1	1	5604	2	17623	2245	0615	150	90	4,5	00.01	00.01	3,1	3,3	2

SPECIES COMPOSITION FORM

Observer Name JANUSZ SOSNOWSKI

Observer Nation 1 2 3 (4) 5

Vessel Name M/T ACAMAR

Vessel Nation 1 2 3 (4) 5

Species:						
Wt. of above:						
No. weighed:						
Avg. weight:						

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1	8		S	Q	R	7	9	9	0	4	3	0

ST = Sampling Type
1 = whole haul
2 = partial haul
3 = weighed sample

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
001		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X	13		X
	DECAPODA	06	1	12	9.49	9.49
	T. CHALCOGRAMMA	30	1	1	1.48	1.48

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
002		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X	8		X
	ONCORH. TCHAWYCHA	17	1	4	6,01	6,69
	DECAPODA	06	1	4	0,68	6,69

Revised 2/24/97

SPECIES COMPOSITION FORM

Page 2 of 3

Observer Name JANUSZ SOSNOWSKI

Observer Nation 1 2 3 (4) 5

Vessel Name M/V ACAMAR

Vessel Nation 1 2 3 (4) 5

Species:						
Wt. of above:						
No. weighed:						
Avg. weight:						

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1	8		S	Q	R	8	9	9	0	5	0	1

ST = Sampling Type
1 = whole haul
2 = partial haul
3 = weighed sample

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
003		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X	41		X
	ONCORHYNCHUS KETA	18	1	10	40.25	40.25
	APTOCYCLUS VENTRICOSUS	13	1	31	30.55	30.55

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
004		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X	11		X
	ONCORHYNCHUS KETA	18		4	8,91	8,91
	T. CHALLOGRAMMA	30		1	1,37	1,37
	DECAPODA	06		4	0,51	0,51
	LAMNA DITROPIS	09		2	75,47	75,47

Revised 2/24/97

SPECIES COMPOSITION FORM

Observer Name JANUSZ SOSNOWSKI

Observer Nation 1 2 3 (4) 5

Vessel Name M/T ACAMAR

Vessel Nation 1 2 3 (4) 5

Species:						
Wt. of above:						
No. weighed:						
Avg. weight:						

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1	8		S	Q	R	J	9	9	0	5	0	3

ST = Sampling Type
1 = whole haul
2 = partial haul
3 = weighed sample

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
005		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X	24		X
	ONCORHYNCHUS KETA	18	1	2	00.68	00.68
	DECAPODA	06	1	15	01.75	01.75
	APTOCYCLUS VENTRICOSUS	13	1	7	09.45	09.45

Haul (15 - 18)	Species name	Species code	ST	Number	Species weight in kg. w/ decimal	Sample weight in kg. w/ decimal
		19 - 21	22	23 - 28	29 - 37	38 - 46
	(keypunch check)	999	X			X

Revised 2/24/97

LENGTH FREQUENCY FORM

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1	8		S	Q	R	7	9	9	0	4	3	0

OBSERVER NATION
1 2 3 (4) 5

OBSERVER NAME
JANUSZ SOSNOWSKI

VESSEL NATION
1 2 3 (4) 5

VESSEL NAME
M/T ACAMAR

5 mm SIZE GROUPS:

0-5 mm rounded down to 0 mm
5-10 mm rounded down to 5 mm

SPECIES NAME	SPECIES CODE	HAUL NUMBER	SEX CODE	SUM OF ROW	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER
	15-16	17 - 19	20	21 - 24	25-28	29-31	32-35	36-38	39-42	43-45	46-49	50-52	53-56	57-59	60-63	64-66	67-70	71-73
T. CHALCOGRAMMA	30	001	1	586	585	1												
DECAPODA	06	001	3	2592	135	1	145	4	160	2	455	2	495	1	500	1	690	1
ONCORH. TSHAWYTSHA	17	002	1	1969	355	1	490	1	495	1	625	1						
DECAPODA	06	-"-	3	689	95	1	110	1	215	1	265	1						
ONCORH. KETA	18	003	1	2754	555	1	565	1	685	1	945	1						
-"- -"-	18	003	2	3684	370	1	585	1	605	1	645	1	655	1	868	1		
ONCORH. KETA	18	004	1	664	320	1	345	1										
-"- -"-	18	-"-	2	1315	490	1	825	1										
THEREAGRA CHALCOGR	30	004	2	606	605	1												
LAMNA DITROPIS	09	004	2	2732	1150	1	1580	1										
DECAPODA	06	004	3	509	20	1	95	1	135	1	185	1						
DECAPODA	06	005	3	486	45	2	50	2	65	2	70	2	75	1	80	1	90	1
				754	95	1	130	1	155	1	370	1						
ONCORHYNCHUS KETA	18	005	1	607	280	1	545	1										

BIOLOGICAL SAMPLE FORM

OBSERVER NATION 1 2 3 (4) 5

OBSERVER NAME JANUSZ SOSNOWSKI

PAGE 1 OF 2

VESSEL NATION 1 2 3 (4) 5

VESSEL NAME M/T ACAMAR

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1	8		S	A	R	7	9	9	0	4	3	0

	SPECIES NAME	SPECIES CODE	HAUL NUMBER	SEX CODE	SPECIMEN NUMBER	SPECIMEN TYPE	SAMPLING SYSTEM	LENGTH	WEIGHT (kg)	MATURITY CODE	REMARKS
		15-16	17 - 19	20	21 - 24	25	26	27 - 30	31 - 34	35	
1											
2	V. CHALCOGRAMMA	30	001	1	1	1	2	585	1.48	5	
3											
4	ONCORHYNCHUS TCHAWYTCHA	17	002	1	1	1	2	355	0.56	1	
5	-"- -"-	17	-"-	2	2	1	2	495	1.38	1	
6	-"- TCHAWYCHA	17	-"-	1	3	1	2	490	1.40	1	
7	-"- -"-	17	-"-	1	4	1	2	625	2.67	1	
8											
9	ONCORHYNCHUS KETA	18	003	2	1	1	2	868	8.95	5	
10	-"- -"-	18	-"-	1	2	1	2	945	12.48	4	
11	-"- -"-	18	-"-	1	3	1	2	685	3.76	2	
12	-"- -"-	18	-"-	2	4	1	2	645	3.05	4	
13	-"- -"-	18	-"-	1	5	1	2	555	1.98	3	
14	-"- -"-	18	-"-	2	6	1	2	655	3.20	3	
15	-"- -"-	18	-"-	2	7	1	2	605	2.48	3	
16	-"- -"-	18	-"-	1	8	1	2	565	2.11	2	
17	-"- -"-	18	-"-	2	9	1	2	535	1.64	3	
18	-"- -"-	18	-"-	2	10	1	2	370	0.61	2	
19											
20											

BIOLOGICAL SAMPLE FORM

OBSERVER NATION 1 2 3 (4) 5

OBSERVER NAME JANUSZ SOSNOWSKI PAGE 2 OF 2

VESSEL NATION 1 2 3 (4) 5

VESSEL NAME M/S „ACAMAR"

CRUISE #			VESSEL CODE					YEAR		MONTH		DAY	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1	8		S	Q	R	7	9	9	0	5	0	2

	SPECIES NAME	SPECIES CODE	HAUL NUMBER	SEX CODE	SPECIMEN NUMBER	SPECIMEN TYPE	SAMPLING SYSTEM	LENGTH	WEIGHT (g)	MATURITY CODE	REMARKS
		15-16	17 - 19	20	21 - 24	25	26	27 - 30	31 - 34	35	
1	T. CHALCOGRAMMA	30	004	1	1	1	2	605	01.37	2	
2	ONCORHYNCHUS KETA	18	004	2	2	1	2	825	06.66	4	
3	—"— —"—	18	004	2	3	1	2	490	01.41	3	
4	—"— —"—	18	004	1	4	1	2	345	00.52	3	
5	—"— —"—	18	004	1	5	1	2	320	00.36	2	
6											
7	ONCORYNCHUS KETA	18	005	1	1	1	2	280	00.26	3	
8	—"— —"—	18	005	1	2	1	2	325	00.43	2	
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											