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SCIENTIFIC COUNCIL MEETING – September 2014**Available Data from the Commercial Fisheries Related to Stock Assessment (2013) and Inventory of Biological Surveys Conducted in the NAFO Area in 2013 and Biological Surveys Planned for 2014 and Early-2015**

At its meetings in June 2002 and 2003, the Scientific Council (STACREC) agreed that three Tables which are usually compiled and presented as Tables 3, 4 and 5 in the STACREC report are important and need to be complete with information from all Scientific Council sources. Accordingly, STACREC in June 2002 **recommended** that *in future years the Secretariat compile the reports of research activities as a working document for the June Meeting, and that it then be presented to STACREC as a SCS document at its September Meeting.*

The attached Tables were drafted as Scientific Council Working Papers during the June 2014 Scientific Council Meeting and have been updated/corrected through correspondence.

Available data from the commercial fisheries related to stock assessment (2013). (+ means data available).

Stock	Biological Sampling							
	Country ¹	Catch	CPUE	Sex	Length	Age	Individual Wt.	Maturity
3M Cod	EU/PRT	+			+	+	+	
	EU/ESP	+		+	+	+	+	
	EU/EST	+		+	+		+	
	EU/UK	+			+			
	FRO	+						
	NOR	+						
	RUS	+			+			
3NO Cod	CAN	+		+	+	+	+	+
	EU/ESP	+		+	+		+	
	EU/PRT	+			+		+	
	EU/EST	+		+	+		+	
	RUS	+			+			
SA 1 Redfish	GRL	+						
3M Redfish	EU/PRT	+		+	+			
	EU/ESP	+		+	+			
	RUS	+		+	+			
	EU/EST	+		+	+			
	EU/LTU	+						
	EU/LVA	+						
	FRO	+						
	CAN	+						
	CUB	+						
	FRA	+						
3LN Redfish	EU/PRT	+		+	+			
	EU/ESP	+		+	+			
	RUS	+		+	+			
	EU/EST	+		+	+			
	EU/LTU	+						
	FRO	+						
	CAN	+						
	CUB	+						
	FRA-SP	+						
3O Redfish	CAN	+	+	+	+	+	+	
	EU/PRT	+	+	+	+			
	EU/ESP	+	+	+	+			
	RUS	+	+	+	+			

Available data from the commercial fisheries related to stock assessment (2012). (+ means data available). (continued).

Stock	Biological Sampling							
	Country ¹	Catch	CPUE	Sex	Length	Age	Individual Wt.	Maturity
3M American plaice	EU/PRT	+			+			
	EU/EST	+						
	EU/ESP	+			+			
	RUS	+			+			
3LNO American plaice	CAN	+		+	+	+	+	+
	EU/ESP	+		+	+			
	EU/EST	+						
	EU/PRT	+			+			
	RUS	+			+			
	USA	+			+			
3NO Witch flounder	CAN	+						
	EU/LTU	+						
	EU/PRT	+			+			
	EU/ESP	+			+			
	EU/EST	+						
	RUS	+			+			
2J+3KL Witch flounder	CAN	+		+				
	EU/PRT	+						
	EU/ESP	+		+				
	EU/EST	+						
	RUS	+		+				
3LNO Yellowtail flounder	CAN	+		+				
	EU/PRT	+		+				
	EU/ESP	+		+				
	EU/EST	+						
	USA	+						
SA 0 + 1B-F Greenland Halibut	RUS	+	+	+	+		+	+
	GRL	+	+		+			
	EU/GER	+						
	NOR	+			+			
	CAN	+	+					
SA 1A Greenland halibut	GRL	+	+	+	+			
SA 2+3 Greenland halibut	CAN	+	+	+	+	+		+
	EU/PRT	+	+		+			
	EU/ESP	+	+	+	+	+		
	EU/EST	+		+	+		+	
	EU/LTU	+						
	RUS	+	+	+	+			
SA 0+1 Roundnose Grenadier	EU/DEU	+						

Available data from the commercial fisheries related to stock assessment (2012). (+ means data available). (continued).

Stock	Biological Sampling							
	Country ¹	Catch	CPUE	Sex	Length	Age	Individual Wt.	Maturity
SA 2+3 Roundnose grenadier	EU/ESP	+		+	+			
	RUS	+			+			
SA 2+3 Roughhead grenadier	CAN	+						
	EU/PRT	+		+	+			
	EU/ESP	+		+	+	+	+	
	EU/EST	+						
	RUS	+		+	+			
3NO Capelin	No available data							
SA 3+4 Squid	CAN	+						
SA 1 Other finfish	GRL	+						
3NOPs White Hake	CAN	+			+			
	EU/PRT	+			+			
	EU/ESP	+		+	+			
	RUS	+						
3LNOPs Thorny skate	CAN	+		+	+			
	EU/PRT	+			+			
	EU/ESP	+		+	+			
	RUS	+						
3M Shrimp	No available data							
3LNO Shrimp	CAN-N	+	+	+	+			+
	GRL	+	+					
	FRO	+	+					
	EU/EST	+	+		+			
	EU/ESP	+	+		+			
Denmark Strait Shrimp	GRL	+	+					
	FRO	+	+					
	DNK	+	+					
SA 0+1 Shrimp	CAN	+	+					
	GRL	+	+					
	DNK	+	+					

¹ Country abbreviations NAFO 3-Alpha.

Inventory of biological surveys conducted in the NAFO Area in 2013.

Subarea/Division	Country	Month	Type of survey	No. of sets
Stratified Random Surveys				
2+3HJ+KLMNO	CAN-N	10-12	Multi-species trawl survey	639
3JKL	CAN-N	4-5	Greenland Halibut	70
3L	EU-ESP	8	Groundfish	107
3LNO	CAN-N	5-6	Multi-species trawl survey	292
3M	EU-ESP+PRT	6	Groundfish	27
3M	EU-ESP+PRT	7	Groundfish	156
3NO	EU-ESP	6	Groundfish	124
3P	CAN-N	4-5	Multi-species trawl survey	194
4X	USA	4,5	Spring Bottom Trawl Survey	23
4X, 5Y	USA	6	Ecosystems Monitoring Survey	1
4X, 5Y	USA	8,9	Ecosystems Monitoring and Bottom Mapping Survey	4
4X, 5Y	USA	11	Ecosystems Monitoring Survey	12
4X	USA	11	Autumn Bottom Trawl Survey	18
5Y,Z	USA	3,4,5	Spring Bottom Trawl Survey	203
5Y,Ze,Zw	USA	2	Ecosystems Monitoring and Small Pelagics Survey	2
5Y,Ze,Zw	USA	6	Ecosystems Monitoring Survey	167
5Y,Ze,Zw	USA	8	Ecosystems Monitoring and Bottom Mapping Survey	2
5Y,Ze,Zw	USA	9	Ecosystems Monitoring and Bottom Mapping Survey	51
5Y,Ze,Zw	USA	11	Ecosystems Monitoring Survey	10
5Y,Z	USA	7,8	Northern Shrimp Survey	74
5Y,Z	USA	9,10,11	Autumn Bottom Trawl Survey	190
5Z	USA	6,7	Sea Scallop Dredge Survey	62
5Z	USA	8	Flatfish Trawl Survey	45
6A,B,C	USA	2	Ecosystems Monitoring and Small Pelagics Survey	1
6A,B,C	USA	3	Spring Bottom Trawl Survey	151
6A,B,C	USA	6	Ecosystems Monitoring Survey	16
6A,B,C	USA	6,7	Sea Scallop Dredge Survey	130
6Z	USA	8	Surfclam & Ocean Quahog Dredge Survey	146
6A,B,C	USA	9	Autumn Bottom Trawl Survey	156
6A,B,C	USA	11	Ecosystems Monitoring Survey	n/a
Other Surveys				
2 HJ +3+PsKLMNO	CAN-N	4,5,7	Physical and biological oceanographic survey	n/a
3KL	CAN-N	5	Capelin acoustic/trawl survey	n/a
3Ps	CAN-N	5-6	Snow crab survey	19
3PsKLP	CAN-N	5,6, 7, 10	Cod tagging/telemetry	n/a
3LMNO	CAN-N	7	Physical and biological oceanographic survey	n/a
3L	CAN-N	8	Bonavista Bay snow crab trawl/trap survey	19/6
3Ps	CAN-N	9	Scallop survey(trip cancelled because of mechanical issues with vessel)	0
3K	CAN-N	9	Snow Crab Survey	57
3L	CAN-N	9-10	Conception Bay snow crab trawl/trap survey	27/10
3L	CAN-N	8-9	Trinity Bay Ecosystem Survey	n/a
4X	USA	5,6,7	Right Whale Aerial Survey	1

4X, 5Y	USA	8	Ecosystems Monitoring and Bottom Mapping Survey	9
5Y	USA	1,5,6,7,11,12	Right Whale Aerial Survey	41
5Y,Ze,Zw	USA	2	Ecosystems Monitoring and Small Pelagics Survey	n/a
5Y,Ze,Zw	USA	6	Ecosystems Monitoring Survey	39
5Y,Ze,Zw	USA	8	Ecosystems Monitoring and Bottom Mapping Survey	16
5Y,Ze,Zw	USA	9	Ecosystems Monitoring and Bottom Mapping Survey	39
5Y,Ze,Zw	USA	11	Ecosystems Monitoring Survey	45
5Ze	USA	5	Right whale survey from R/V Gordon Gunter	45
5Ze	USA	5,6,7,11,12	Right Whale Aerial Survey	22
5Zw	USA	1,5,6,7,12	Right Whale Aerial Survey	1
5Ze,w	USA	6	Deep-Sea Coral Habitat Characterization	4
6A,B,C	USA	6	Ecosystems Monitoring Survey	5
6A,B,C	USA	6	Living Marine Resources Slope Trawl Survey	n/a
6A,B,C	USA	11	Ecosystems Monitoring Survey	n/a
6B	USA	7	Black Sea Bass Benthic Habitat Visual Survey	n/a

Biological surveys planned for the NAFO Area in 2014 and early-2015.

Subarea/Division	Country	Type of Survey	Dates
Stratified-Random Surveys			
2HJ +3KLMNO	CAN-N	Multi-species trawl survey	Oct 4-Dec 9
2J+3KL	CAN-N	Greenland Halibut survey	April 30 – May 9
3KLNO	CAN-N	Multi-species trawl survey	Sept 17-Dec 3
3LNOPs	CAN-N	Multi-species trawl survey	April 1-June 20
3LNO	EU-ESP	Groundfish	May-Aug
3M	EU-ESP+PRT	Groundfish	Jun-Jul
3Ps	CAN-N	Multi-species trawl survey	Mar 28-31/2015
5Y,Z	USA	Ecosystems monitoring & Sm. Pelagics Acoustic Survey	Feb 24- Mar 6, 2014
4X +5YZ+6AB	USA	Spring bottom trawl	Mar 26 – May 23, 2014
5Z+6ABC	USA	Sea scallop	Jun 8 – Jul 15, 2014
5YZ	USA	Northern shrimp	Jul 20 - Aug 15, 2014
5Z+6AB	USA	Surfclam & ocean quahog	Aug 4- 22, 2014
4X+5YZ+6ABC	USA	Autumn bottom trawl	Sep 4 – Nov 11, 2014
4X+5YZ+6ABC	USA	Ecosystems monitoring & Sm. Pelagics Acoustic Survey	Oct 30 - Nov 20, 2014
4X+5YZ+6ABC	USA	Ecosystems Monitoring	Jan 26 – Feb 12, 2015
Other Surveys			
3K	CAN-N	Snow crab trap survey	Aug 25-Sept 15
3KL	CAN-N	Capelin survey	May 12-27
3KLMNO	CAN-N	Physical and biological oceanographic survey	April 11-April 29
3KLPS	CAN-N	Cod tagging	May 16-22 June 27-July 9 Oct 20-29
3L	CAN-N	Conception Bay snow crab survey	Sept 26-Oct 7
3L	CAN-N	Snow crab survey	June 16 – June 22
3L	CAN-N	Bonavista snow crab survey	July 25-Aug 13
3L	CAN-N	Trinity Bay ecosystem survey	Aug 15-22 Sept 17-24
3LMNO	CAN-N	Physical and biological oceanographic survey	July 9-28
3Ps	CAN-N	Snow crab survey	May 25-June 6
3Ps	CAN-N	Shellfish survey	Sept 6 – Sept 15
4X+ 5YZ+6A	USA	O - AMAPPS-Cetacean & Turtle	Mar 11 – May 1, 2014
4X+5YZ+6ABC	USA	O - Deepwater Coral Habitat	May 29 –June 9, 2014
4X+5YZ	USA	O - ROPOS ROV Deepwater Corals	Jun 18– Jul 1, 2014
4X+5YZ+6A	USA	O - Cetacean & Turtle Biology	Jul 9 – Aug 7, 2014
5YZ	USA	O - N. right whale	May 5 – 22, 2014
5Z+6A	USA	O - Benthic Habitat Hab Cam	Aug 27 – Sep 7, 2014
5Z	USA	O - Yellowtail Flounder Hab Cam	Oct 5 – 9, 2014
5Z	USA	O - Bigelow/Commercial trawler Paired trawl	Oct 7 – 11, 2014
5Z	USA	O - Deepwater Systematics	Oct 13 – 31, 2014