

RESTRICTED

INTERNATIONAL COMMISSION FOR



THE NORTHWEST ATLANTIC FISHERIES.

Serial No. 1705  
(D.o.B)

ICNAF Res. Doc. 66-76

ANNUAL MEETING - JUNE 1966

Returns of trawl material and mesh size sampling, 1965

by the Secretariat

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea 3 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e. g. herring,  
Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	mm	inches (approx.)	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )			1				1		1	
100-104 (4- )			15		2					
105-109 (4 1/5- )			61		4		8		6	
110-114 (4 2/5- )			54		12		66		8	
115-119 (4 3/5- )			4		3		3		3	
120-124 (4 4/5- )			7		6		6		2	
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF x ICES

Topside Chafing Gear Information

Number of above codends using chafer 271 Type Old codends -  
Netting attached  
upper side.

Date May 2, 1966 Reported by Dept. Fisheries Address Ottawa, Canada

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada (Nfld.) Subarea 3 Year 1965

Main Species Fished: Cod Redfish Others  
Haddock (e.g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)		
	inches mm	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )											
55- 59 (2 1/5- )											
60- 64 (2 2/5- )											
65- 69 (2 3/5- )											
70- 74 (2 4/5- )											
75- 79 (3- )											
80- 84 (3 1/5- )											
85- 89 (3 2/5- )											
90- 94 (3 3/5- )											
95- 99 (3 4/5- )							1				
100-104 (4- )											
105-109 (4 1/5- )							1		1		
110-114 (4 2/5- )			2				3		1		
115-119 (4 3/5- )			1								
120-124 (4 4/5- )			1				1				
125-129 (5- )											
130-134 (5 1/5- )											
135-139 (5 2/5- )											
140-144 (5 3/5- )											
145-149 (5 4/5- )											
150-155 (6- )											

Mesh Gauge Used: ICNAF X ICES \_\_\_\_\_

Topside Chafing Gear Information

Number of above codends using chafers 12 Type old codends

Date February 22/66 Reported by Dept. of Fisheries Address Newfoundland Area

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea 3 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )						1				
100-104 (4- )										
105-109 (4 1/5- )		8						3		
110-114 (4 2/5- )		13		4		5		4		
115-119 (4 3/5- )		2				3		3		
120-124 (4 4/5- )		1		1		1				
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF x ICES \_\_\_\_\_

Topside Chafing Gear Information

Number of above codends using chafers 49 Type Old codends - Netting attached upper side.

Date May 2, 1966 Reported by Dept. Fisheries Address Ottawa, Canada

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada (Nfld.) Subarea 3 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e.g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Group	Polyamids		Poly-ethylenes		Poly-propylenes		Manila/Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )										
100-104 (4- )		1								
105-109 (4 1/5- )		1				3				
110-114 (4 2/5- )		1				6		3		
115-119 (4 3/5- )		2						4		
120-124 (4 4/5- )		1				2				
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF X ICES

Topside Chafing Gear Information

Number of above codends using chafer 24 Type old codends

Date February 22/66 Reported by Dept. of Fisheries Address Newfoundland Area

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea 4 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e.g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	mm	inches (approx.)	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )				1						
70- 74 (2 4/5- )				14						
75- 79 (3- )				11		3		1		
80- 84 (3 1/5- )				3		2				
85- 89 (3 2/5- )				7		5				
90- 94 (3 3/5- )				4		1				
95- 99 (3 4/5- )				13		2				
100-104 (4- )				23		3				
105-109 (4 1/5- )				2		4				
110-114 (4 2/5- )				13		10		1		
115-119 (4 3/5- )								1		
120-124 (4 4/5- )										
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF x ICES

Topside Chafing Gear Information

Number of above codends using chafer 9 Type Old codends -  
 Netting attached  
 upper side.

Date May 3, 1966 Reported by Dept. Fisheries Address Ottawa, Canada

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea 4 Year 1965

Main Species Fished: Cod Redfish Others Pollock  
 Haddock (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )										
100-104 (4- )										
105-109 (4 1/5- )		3								
110-114 (4 2/5- )										
115-119 (4 3/5- )		7		2		2				
120-124 (4 4/5- )						1				
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF X ICES

Topside Chafing Gear Information

Number of above codends using chafer 9 Type Netting attached upper side.

Date Feb. 23, 1966 Reported by R. S. Collie Address Halifax, N. S.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea 4 Year 1965

Main Species Fished: Cod Redfish Others Hake  
 Haddock (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	mm	inches (approx.)	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )										
100-104 (4- )										
105-109 (4 1/5- )										
110-114 (4 2/5- )										
115-119 (4 3/5- )				1						
120-124 (4 4/5- )										
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF X ICES

Topside Chafing Gear Information

Number of above codends using chafer  Netting attached  
 Type upper side.

Date Feb. 23, 1966 Reported by R. S. Collie Address Halifax, N. S.

(see over for explanatory notes)



ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea 4 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e. g. herring,  
Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly-ethylenes		Poly-propylenes		Manila/Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )		3				1				
100-104 (4- )										
105-109 (4 1/5- )		27		10		1		1		
110-114 (4 2/5- )		23		16		6				
115-119 (4 3/5- )						1				
120-124 (4 4/5- )		2				4				
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF X ICES \_\_\_\_\_

Topside Chafing Gear Information

Number of above codends using chafar 25 Type Old codends - Netting attached upper side.

Date March 3, 1966 Reported by Dept. Fisheries Address Ottawa, Canada

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea 4 Year 1965

Main Species Fished: Cod Redfish Others  
Haddock (e.g. herring,  
Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids		Poly-ethylenes		Poly-propylenes		Manila/Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )		4								
75- 79 (3- )										
80- 84 (3 1/5- )		3				1				
85- 89 (3 2/5- )		1		2						
90- 94 (3 3/5- )		2		2						
95- 99 (3 4/5- )		28		10		2				
100-104 (4- )		24		11						
105-109 (4 1/5- )		30		37	2	3				
110-114 (4 2/5- )		24		15		13		10		4
115-119 (4 3/5- )		98		27		0		1		6
120-124 (4 4/5- )		4		3		6		2		
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF x ICES \_\_\_\_\_

Topside Chafing Gear Information

Number of above codends using chafer 88 Type Old codends - netting attached upper side.

Date May 3, 1966 Reported by Dept. Fisheries Address Ottawa, Canada

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea L Year 1965

Main Species Fished: Cod Redfish Others  
Haddock (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state) Cotton		
	inches mm	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )											
55- 59 (2 1/5- )											
60- 64 (2 2/5- )											
65- 69 (2 3/5- )											
70- 74 (2 4/5- )											
75- 79 (3- )											
80- 84 (3 1/5- )											
85- 89 (3 2/5- )											
90- 94 (3 3/5- )											
95- 99 (3 4/5- )			2		2						1
100-104 (4- )											
105-109 (4 1/5- )			15			1					
110-114 (4 2/5- )											
115-119 (4 3/5- )			46		7	6					
120-124 (4 4/5- )					1	2					
125-129 (5- )											
130-134 (5 1/5- )											
135-139 (5 2/5- )											
140-144 (5 3/5- )											
145-149 (5 4/5- )											
150-155 (6- )											

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES \_\_\_\_\_

Topside Chafing Gear Information

Number of above codends using chafers 10 Type Netting attached upper side.

Date Feb. 23, 1966 Reported by R. S. Collins Address Halifax, N. S.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea 5 Year 1965

Main Species Fished: Cod Redfish Others Pollock  
 Haddock (e.g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)		
	inches mm	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )											
55- 59 (2 1/5- )											
60- 64 (2 2/5- )											
65- 69 (2 3/5- )											
70- 74 (2 4/5- )											
75- 79 (3- )											
80- 84 (3 1/5- )											
85- 89 (3 2/5- )											
90- 94 (3 3/5- )											
95- 99 (3 4/5- )											
100-104 (4- )											
105-109 (4 1/5- )											
110-114 (4 2/5- )			1			1					
115-119 (4 3/5- )			1			1					
120-124 (4 4/5- )											
125-129 (5- )											
130-134 (5 1/5- )											
135-139 (5 2/5- )											
140-144 (5 3/5- )											
145-149 (5 4/5- )											
150-155 (6- )											

Mesh Gauge Used: ICNAF Y ICES \_\_\_\_\_

Topside Chafing Gear Information

Number of above codends using chafers 2 Type \_\_\_\_\_ Netting attached upper side.

Date Feb. 23, 1966 Reported by R. S. Collie Address Halifax, N. S.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Canada Subarea 5 Year 1965

Main Species Fished: Cod Redfish Others  
Haddock (e. g. herring,  
Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	Polyesters		New	Used	New	Used	New	Used	New	Used
inches mm (approx.)	New	Used	New	Used	New	Used	New	Used	New	Used
50-54 (2- )										
55-59 (2 1/5- )										
60-64 (2 2/5- )										
65-69 (2 3/5- )										
70-74 (2 4/5- )										
75-79 (3- )										
80-84 (3 1/5- )										
85-89 (3 2/5- )										
90-94 (3 3/5- )										
95-99 (3 4/5- )										
100-104 (4- )										
105-109 (4 1/5- )										
110-114 (4 2/5- )	3	8								
115-119 (4 3/5- )	10	10		3		2				
120-124 (4 4/5- )										
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF X ICES

Topside Chafing Gear Information

Number of above codends using chafer 21 Type Netting attached upper side.

Date Feb 23, 1966 Reported by R. S. Collie Address Halifax, N. S.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Fed. Rep. of Germany Subarea 1, 2 and 3 Year 1966

Main Species Fished: Cod Redfish ~~OTHER~~  
 Haddock ~~XXXXXXXXXXXX~~  
~~FISH~~ ~~SILVER HAKE~~

Type of Trawl: Bottom ~~XXXXXXXX~~ ~~DAGFISH~~

Number Codends Measured  
(by average mesh size group)

Mesh Size Groups inches mm (approx.)	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )		2								
90- 94 (3 3/5- )		1		1						
95- 99 (3 4/5- )		4		1						
100-104 (4- )		3		1						
105-109 (4 1/5- )	1	11								
110-114 (4 2/5- )	6	9	2	1						
115-119 (4 3/5- )	3	9								
120-124 (4 4/5- )	3		1	5						
125-129 (5- )			1	2						
130-134 (5 1/5- )	1			1						
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ~~XXXXXX~~ ICES ~~XX~~

Topside Chafing Gear Information

Number of above <sup>(used)</sup> codends using chafers 40 Type <sup>different</sup> ~~XXXXXX~~ types

Date 5 April 1966 Reported by Institut für Fangtechnik der Bundesforschungsanstalt für Fischerei, Hamburg 50, Palmallee 9

(see over for explanatory notes)

*Handwritten notes and signatures at the bottom of the page.*

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country Iceland Subarea A-J Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e.g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups inches mm (approx.)	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )										
100-104 (4- )				1						
105-109 (4 1/5- )							1			
110-114 (4 2/5- )				5						
115-119 (4 3/5- )										
120-124 (4 4/5- )							1			
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF ICES

Topside Chafing Gear Information

Number of above codends using chafer \_\_\_\_\_ Type \_\_\_\_\_

Date 3.5.1965 Reported by J. J. J. J. Address MARRES. INSTITUTE

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country PORTUGAL Subarea 1, 2, 3 and 4 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups inches mm (approx.)	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )										
100-104 (4- )										
105-109 (4 1/5- )										
110-114 (4 2/5- )	38		42	28						
115-119 (4 3/5- )			30	23						
120-124 (4 4/5- )		25								
125-129 (5- )			4	3						
130-134 (5 1/5- )			3							
135-139 (5 2/5- )	3	2								
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ~~ICNAF~~ Flat Gauge ICES

Topside Chafing Gear Information NOT USED

Number of above codends using chafer - Type -

Date March 1966 Reported by Cap. Tavares de Almeida, Portuguese Navy Address Presidente of the Portuguese Advisory Commission for the Northwest Atlantic Fisheries

Avenida da Liberdade, 211, 4º., Eº. - LISBOA

(see over for explanatory notes)



ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country UK/FISH Redfish Subarea 2, 3 Year 1965

Main Species Fished: (Cod Redfish Others  
(Haddock (e.g. herring,  
(Flatfish silver hake, etc.)

Type of Trawl: (Bottom Pelagic Danish Seine

Number Codends Measured  
(by average mesh size group)

Mesh Size Groups inches mm (approx.)	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )										
100-104 (4- )										
105-109 (4 1/5- )										
110-114 (4 2/5- )				1						
115-119 (4 3/5- )		1		1	1					
120-124 (4 4/5- )		1		1	1					
125-129 (5- )				1						
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES 12/66

Topside Chafing Gear Information

Number of above codends using chafer 2 Type (i) chain link type  
(ii) chain link type

Date 1 5 66 Reported by [Signature] Address [Address]

(see over for explanatory notes)

*Handwritten note:* 12.11.66

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country USSR Subarea 3 Year 1965

Main Species Fished: Cod Redfish Others  
Haddock (e.g. herring,  
Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured - 55  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)		
	inches mm	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )											
55- 59 (2 1/5- )											
60- 64 (2 2/5- )											
65- 69 (2 3/5- )											
70- 74 (2 4/5- )											
75- 79 (3- )											
80- 84 (3 1/5- )											
85- 89 (3 2/5- )											
90- 94 (3 3/5- )											
95- 99 (3 4/5- )											
100-104 (4- )			13								
105-109 (4 1/5- )			124								
110-114 (4 2/5- )			843								
115-119 (4 3/5- )			1761								
120-124 (4 4/5- )			9								
125-129 (5- )											
130-134 (5 1/5- )											
135-139 (5 2/5- )											
140-144 (5 3/5- )											
145-149 (5 4/5- )											
150-155 (6- )											

Mesh Gauge Used: ICNAF ICNAF ICES

Topside Chafing Gear Information

Number of above codends using chafer only on big stern- Type cover-type  
 trawlers

Date 15 March Reported by Kamentsev V.M. Address Ministry of Fisheries  
 of the USSR.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country USSR Subarea 4 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured **73**  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)		
	inches mm (approx.)	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )											
55- 59 (2 1/5- )											
60- 64 (2 2/5- )											
65- 69 (2 3/5- )											
70- 74 (2 4/5- )											
75- 79 (3- )											
80- 84 (3 1/5- )											
85- 89 (3 2/5- )											
90- 94 (3 3/5- )											
95- 99 (3 4/5- )											
100-104 (4- )			7								
105-109 (4 1/5- )			24								
110-114 (4 2/5- )			836								
115-119 (4 3/5- )			2764								
120-124 (4 4/5- )			19								
125-129 (5- )											
130-134 (5 1/5- )											
135-139 (5 2/5- )											
140-144 (5 3/5- )											
145-149 (5 4/5- )											
150-155 (6- )											

Mesh Gauge Used: ICNAF ICNAF ICES ICES

Topside Chafing Gear Information Without chafer, but with webbing with mesh-size 40mm inserted into codend for fishing herring and silver hake.

Number of above codends using chafer Type

Date 15 March Reported by Kamentsev V.M. Address Ministry of Fisheries of the USSR.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country USSR Subarea 5 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e.g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured -85  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)		
	inches mm	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )											
55- 59 (2 1/5- )											
60- 64 (2 2/5- )											
65- 69 (2 3/5- )											
70- 74 (2 4/5- )											
75- 79 (3- )											
80- 84 (3 1/5- )											
85- 89 (3 2/5- )											
90- 94 (3 3/5- )											
95- 99 (3 4/5- )											
100-104 (4- )			21								
105-109 (4 1/5- )			68								
110-114 (4 2/5- )			1243								
115-119 (4 3/5- )			2883								
120-124 (4 4/5- )			35								
125-129 (5- )											
130-134 (5 1/5- )											
135-139 (5 2/5- )											
140-144 (5 3/5- )											
145-149 (5 4/5- )											
150-155 (6- )											

Mesh Gauge Used: ICNAF ICNAF type ICES

Topside Chafing Gear Information Without chafer, but with webbing with  
 mesh-size 40mm inserted into codend for  
 fishing herring and silver hake.  
 Number of above codends using chafer Type

Date 15 March Reported by Kamentsev V.M. Address Ministry of Fisheries  
of the USSR.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country U. S. A. Subarea 5 Year 1965

Main Species Fished: Cod Redfish Others  
Haddock (e.g. herring,  
Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
(by average mesh size group)

Mesh Size Groups	Polyamids		Poly-ethylenes		Poly-propylenes		Manila/Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )		10								
95- 99 (3 4/5- )		41								
100-104 (4- )		34				3				
105-109 (4 1/5- )		27			2	3		1		
110-114 (4 2/5- )		4			2	1				
115-119 (4 3/5- )										
120-124 (4 4/5- )	52	1								
125-129 (5- )	4									
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES \_\_\_\_\_ X (operating pressure 10 pounds)

Topside Chafing Gear Information

Number of above codends using chafer 13 Type I.C.N.A.F.

Date March 2, 1966 Reported by Bur.of Commercial Fisheries Resource Management Address Gloucester, Mass.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country U. S. A. Subarea 4 Year 1965

Main Species Fished: Cod Redfish Others  
Haddock (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups inches mm (approx.)	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )										
55- 59 (2 1/5- )										
60- 64 (2 2/5- )										
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )		6								
95- 99 (3 4/5- )		28								
100-104 (4- )		31				2		1		
105-109 (4 1/5- )		10				3				
110-114 (4 2/5- )		4								
115-119 (4 3/5- )		2								
120-124 (4 4/5- )										
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES \_\_\_\_\_ X (operating pressure 10 pounds)

Topside Chafing Gear Information

Number of above codends using chafer 12 Type I.C.N.A.F.

Date March 2, 1966 Reported by Bur.of Commercial Fisheries Resource Management Address Gloucester, Mass.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country U. S. A. Subarea 5 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)		
	inches mm (approx.)	New	Used	New	Used	New	Used	New	Used	New	Used
45- 49 (1 4/5- )			10				4				
50- 54 (2- )			3								
55- 59 (2 1/5- )			17				1				
60- 64 (2 2/5- )			7								
65- 69 (2 3/5- )											
70- 74 (2 4/5- )											
75- 79 (3- )											
80- 84 (3 1/5- )											
85- 89 (3 2/5- )											
90- 94 (3 3/5- )											
95- 99 (3 4/5- )											
100-104 (4- )											
105-109 (4 1/5- )											
110-114 (4 2/5- )											
115-119 (4 3/5- )											
120-124 (4 4/5- )											
125-129 (5- )											
130-134 (5 1/5- )											
135-139 (5 2/5- )											
140-144 (5 3/5- )											
145-149 (5 4/5- )											
150-155 (6- )											

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES \_\_\_\_\_ (operating pressure X 10 pounds)

Topside Chafing Gear Information

Number of above codends using chafer None Type \_\_\_\_\_

Date March 2, 1966 Reported by Bur. of Commercial Fisheries Resource Management Address Gloucester, Mass.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country U. S. A. Subarea 3 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e.g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
45- 49 (1 4/5- )		8				2				
50- 54 (2- )		2								
55- 59 (2 1/5- )		10								
60- 64 (2 2/5- )		2								
65- 69 (2 3/5- )		2								
70- 74 (2 4/5- )										
75- 79 (3- )										
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )										
100-104 (4- )										
105-109 (4 1/5- )										
110-114 (4 2/5- )										
115-119 (4 3/5- )										
120-124 (4 4/5- )										
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES X (operating pressure 10 pounds)

Topside Chafing Gear Information

Number of above codends using chafer None Type \_\_\_\_\_

Date March 2, 1966 Reported by Bur. of Commercial Fisheries Resource Management Address Gloucester, Mass.

(see over for explanatory notes)



ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country U. S. A. Subarea 4 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	mm	inches (approx.)	New	Used	New	Used	New	Used	New	Used
45- 49	(1 4/5- )			7				1		
50- 54	(2- )			6				3		
55- 59	(2 1/5- )			16				1		
60- 64	(2 2/5- )			4						
65- 69	(2 3/5- )			4						
70- 74	(2 4/5- )									
75- 79	(3- )									
80- 84	(3 1/5- )									
85- 89	(3 2/5- )									
90- 94	(3 3/5- )									
95- 99	(3 4/5- )									
100-104	(4- )									
105-109	(4 1/5- )									
110-114	(4 2/5- )									
115-119	(4 3/5- )									
120-124	(4 4/5- )									
125-129	(5- )									
130-134	(5 1/5- )									
135-139	(5 2/5- )									
140-144	(5 3/5- )									
145-149	(5 4/5- )									
150-155	(6- )									

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES X (operating pressure 10 pounds)

Topside Chafing Gear Information

Number of above codends using chafer None Type \_\_\_\_\_

Date March 2, 1966 Reported by Bur. of Commercial Fisheries Resource Management Address Gloucester, Mass.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country U. S. A. Subarea 5 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (Silver Hake (Whiting)) (e.g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids		Poly-ethylenes		Poly-propylenes		Manila/Sisal		Other Cotton (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
45- 49 (1 4/5- )		56				9				1
50- 54 (2- )		11				1				
55- 59 (2 1/5- )		4								
60- 64 (2 2/5- )										
65- 69 (2 3/5- )		1								
70- 74 (2 4/5- )										
75- 79 (3- )		1								
80- 84 (3 1/5- )										
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )										
100-104 (4- )										
105-109 (4 1/5- )										
110-114 (4 2/5- )										
115-119 (4 3/5- )										
120-124 (4 4/5- )										
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES X (operating pressure 10 pounds)

Topside Chafing Gear Information

Number of above codends using chafer 28 Type 26 synthetic netting 2 rubber bands

Date March 2, 1966 Reported by Bur.of Commercial Fisheries Resource Management Address Gloucester, Mass.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country U. S. A. Subarea 5 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e. g. herring,  
Flatfish (yellowtail flounder) silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)		
	inches mm	New	Used	New	Used	New	Used	New	Used	New	Used
50- 54 (2- )											
55- 59 (2 1/5- )											
60- 64 (2 2/5- )											
65- 69 (2 3/5- )											
70- 74 (2 4/5- )			1								
75- 79 (3- )			4								
80- 84 (3 1/5- )			3								
85- 89 (3 2/5- )			1								
90- 94 (3 3/5- )			2								
95- 99 (3 4/5- )			5								
100-104 (4- )			42								
105-109 (4 1/5- )			32								
110-114 (4 2/5- )			21								
115-119 (4 3/5- )			2								
120-124 (4 4/5- )			1								
125-129 (5- )											
130-134 (5 1/5- )											
135-139 (5 2/5- )											
140-144 (5 3/5- )											
145-149 (5 4/5- )											
150-155 (6- )											

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES X (operating pressure 10 pounds)

Topside Chafing Gear Information

Number of above codends using chafer 2 Type Polyethylene ends

Date March 2, 1966 Reported by Bur. of Commercial Fisheries Resource Management Address Gloucester, Mass.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country U. S. A. Subarea 5 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock Mixed (e. g. herring,  
 Flatfish silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other Cotton (state)		
	New	Used	New	Used	New	Used	New	Used	New	Used	
45- 49 (1 4/5- )		16				1					1
50- 54 (2- )		7									
55- 59 (2 1/5- )		2				1					
60- 64 (2 2/5- )		2				1		1			
65- 69 (2 3/5- )		6									
70- 74 (2 4/5- )		2									
75- 79 (3- )		2									
80- 84 (3 1/5- )		1									
85- 89 (3 2/5- )		5						1			
90- 94 (3 3/5- )											
95- 99 (3 4/5- )											
100-104 (4- )		6									
105-109 (4 1/5- )		1									
110-114 (4 2/5- )		1									
115-119 (4 3/5- )		1									
120-124 (4 4/5- )											
125-129 (5- )											
130-134 (5 1/5- )											
135-139 (5 2/5- )											
140-144 (5 3/5- )											
145-149 (5 4/5- )											
150-155 (6- )											

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES \_\_\_\_\_ X 10 pounds) (operating pressure)

Topside Chafing Gear Information

Number of above codends using chafer 4 Type Synthetic Netting

Date March 2, 1966 Reported by Bur. of Commercial Fisheries Resource Management Address Gloucester, Mass.

(see over for explanatory notes)

ICNAF

TRAWL MATERIAL AND MESH SIZE SAMPLING SUMMARY

(for all fisheries in the Convention Area, including that for non-regulated species)

Country U. S. A. Subarea 5 Year 1965

Main Species Fished: Cod Redfish Others  
 Haddock (e. g. herring,  
 Flatfish Industrial silver hake, etc.)

Type of Trawl: Bottom Pelagic Danish Seine

Number Codends Measured  
 (by average mesh size group)

Mesh Size Groups	Polyamids Polyesters		Poly- ethylenes		Poly- propylenes		Manila/ Sisal		Other (state)	
	New	Used	New	Used	New	Used	New	Used	New	Used
45- 49 (1 4/5- )		2								
50- 54 (2- )		6								
55- 59 (2 1/5- )										
60- 64 (2 2/5- )		1								
65- 69 (2 3/5- )										
70- 74 (2 4/5- )										
75- 79 (3- )		3								
80- 84 (3 1/5- )		1								
85- 89 (3 2/5- )										
90- 94 (3 3/5- )										
95- 99 (3 4/5- )										
100-104 (4- )										
105-109 (4 1/5- )										
110-114 (4 2/5- )										
115-119 (4 3/5- )										
120-124 (4 4/5- )										
125-129 (5- )										
130-134 (5 1/5- )										
135-139 (5 2/5- )										
140-144 (5 3/5- )										
145-149 (5 4/5- )										
150-155 (6- )										

Mesh Gauge Used: ICNAF \_\_\_\_\_ ICES X (operating pressure 10 pounds)

Topside Chafing Gear Information

Number of above codends using chafer 1 Type Synthetic Netting

Date March 2, 1966 Reported by Bur.of Commercial Fisheries Resource Management Address Gloucester, Mass.

(see over for explanatory notes)