#### RESTRICTED

#### INTERNATIONAL COMMISSION FOR

## THE NORTHWEST ATLANTIC FISHERIES

 $\frac{\text{Serial No. 1622}}{(G. b. 15)}$ 

ICNAF Res. Doc. 66-8

#### ANNUAL MEETING - JUNE 1966

Summary of Fishing Effort for the Year 1964 (as submitted on ICNAF Statistics Form 3)

by L.R. Day and J. Maclellan

Data on fishing effort for the years 1961 and 1962 were summarized in 1964 Annual Meeting Document No. 2 (Serial No. 1204). Data for 1963 were summarized in 1965 Annual Meeting Research Document No. 62 (Serial No. 1529).

Data following are for the year 1964 and were reported from Canada (M&Q), Canada (Newfoundland), France (mainland), France (St. P&M), Federal Republic of Germany, Japan, Norway, Poland, Portugal, Spain, USSR, UK and USA. Data from Denmark (Greenland), Denmark (Faroes) and Iceland are not available. Italy did not fish in the Convention area in 1964.

It should be noted that the 1965 Annual Meeting recommended extra effort to obtain complete information on fishing effort for 1965 on ICNAF Statistics Form 3 and, if successful, publish only the 1965 summaries in the 1965 List of Vessels.



## THE NORTHWEST ATLANTIC FISHERIES

## ICNAF STATISTICS 3

							<del> </del>	<u>-</u>	
N1	I rin	· · · · · · · · · · · · · · · · · · ·	Summary of S	tatistic	s on Fis				1964
Vessel	Tonnage		Y	1			BARE	A 5	TOTAL
ategory	Class	Country	Information		2	3	4	5	TOTAL 10
Otter Trawl	over 1,800	Poland	No. of Vessels					<del> </del>	24
114,11	1,000	Forand	No. of Trips		200	1 500		- 50	<del></del>
0.1.1			Days Absent	5	393	1,589		59	2,046 80
Otter	over	Haan	No. of Vessels No. of Trips		11	9	40	78	138
Traw1	1,800	USSR	Days Absent		1,156	1,026	5,207	9,808	17,197
Otter			No. of Vessels		1,130	3	3,207	3	3.
Trawl	over	uk	No. of Trips			8		1 1	9
TLUMI	1,800	UK	Days Absent	· · · · · · · · · · · · · · · · · · ·	6	876	62	79	1,023
Otter	over		No. of Vessels			1		<del>                                     </del>	1 1
Trawl	1,800	Tanan	No. of Trips					1	<del></del>
TLYMI	1,800	Japan	Days Absent			99		<del> </del>	99
Otter	901		No. of Vessels	24	26	28	24	<del></del>	28
Trawl	1,800	France	No. of Trips	27*	23*	40*	10*	1	100*
11aw1   1,600	riance	Days Absent	1,930	1,644	2,860	715	<del> </del>	7,149	
Otter	901-		No. of Vessels	37	5	4	710	<del> </del>	40
Trawl	1,800	1	No. of Trips	167	14	11	4	<del></del>	196
110,11	1,000		Days Absent	7,714	769	415	281	<del></del>	9,179
Otter	901-		No. of Vessels			120	201	<del></del>	3
Trawl	1,800	Norway	No. of Trips	6				<del>                                     </del>	6
11 0.41	1,000		Days Absent	656		<u> </u>		<del> </del>	656
Otter	901-	Port-	No. of Vessels	11	30	31	24	<del></del>	31
Trawl	1,800	ugal	No. of Trips		10	18	2	<del></del>	30
11 4771	awi   1,600		Days Absent	118	1,744	3,215	352	-}	5,429
Otter	901-	····	No. of Vessels		26	26	20	1	26
Trawl	1,800	Spain	No. of Trips		20			<del></del> -	
	1,800		Days Absent			}		<del>-{</del>	6,998
Otter	901-	,	No. of Vessels	<del></del>				<del>                                     </del>	4
Trawl	1,800	USSR	No. of Trips		2	9		<del> </del>	11
-14"-	1,000		Days Absent		$\frac{a}{221}$	988		<del> </del>	1,209
Otter	901-		No. of Vessels	5	4	4	2	1	5
Trawl	1,800	иĸ	No. of Trips	12	3	7	<u>-</u> -	<del> </del>	23
-144,1	1,000	UK	Days Absent	400	138	300	39	3	880
Otter	501-		No. of Vessels	49				1	49
Trawl	900	Germany	No. of Trips	85			<del> </del>	1	85
	***	Germany	Days Absent	2,314		<del></del>	<del></del>	<del> </del>	2,314
Otter	501-		No. of Vessels		·	<del> </del>	<del> </del>	†	3
Trawl	900	Norway	No. of Trips	3	- <u> </u>	<u> </u>	<u> </u>	1	3
			Days Absent	322	· <del>····································</del>	[		<del></del>	322
Otter	501-		No. of Vessels						71
Trawl	900	USSR	No. of Trips		41	49	1	3	94
			Days Absent	<del></del>	4,382	5,259	113	343	10,097
Otter	501-	UK	No. of Vessels	60	2	13	<u> </u>		62
Trawl	900		No. of Trips	151	2	23	<del>                                     </del>		176
i			Days Absent	3,423	57	564		1	4,044
			No. of Vessels					\	1
i			No. of Trips					1	
			Days Absent			l			1
,			No. of Vessels		<del></del>		1		<u> </u>
	TOTAL		No. of Trips			<del></del>	t	<u> </u>	<u> </u>
		į	Days Absent		<del></del>		[	<del> </del>	· · · · · · · · · · · · · · · · · · ·

<sup>\*</sup> percentage - No. of trips not known



## THE NORTHWEST ATLANTIC FISHERIES

#### ICNAF STATISTICS 3

			Summary of Statistics on Fishing Effort Year!								
Vessel	Tonnage					ន ប	BARE				
ategory	Class	Country	Information	1	2	3	4	5	TOTAL		
Otter	151-	Canada	No. of Vessels			39	75	44	75		
Trawl	500	(M & Q)	No. of Trips			2,193	11,095	3,292	16,580		
			Days Absent			<u> </u>		2,542			
Otter	151-	Canada	No. of Vessels		3	51	39		52		
Traw1	500	(Nfld)	No. of Trips		2	846	221		1,069		
			Days Absent		12	7,344	1,768		9,124		
Otter	151-	France	No. of Vessels			5	5		5		
"rawl	500	(St.P &	No. of Trips			103	16		119		
		M)	Days Absent		~~ ~~ · · · · · · · · · · · · · · · · ·	913	157		1,070		
Otter	151-		No. of Vessels			<u> </u>	<u> </u>		303		
Trawl	500	USSR	No. of Trips			150		153	303		
			Days Absent			16,570		22,144	38,714		
Otter	151-		No. of Vessels	1		<u> </u>			1		
Trawl	500	UK	No. of Trips	1	<del></del>	<b></b>	<b> </b>	ļ	1		
			Days Absent	31	<del></del>	<del></del>	<b></b>		31		
Otter	151-		No. of Vessels			14	51	50	57		
Trawl	500	·	No. of Trips			45	402	769	1,216		
			Days Absent			732	4,976	6,230	11,938		
Otter	151-		No. of Vessels			2		ļ <u>.</u>	2		
Trawl   500	Japan	No. of Trips			ļ	<u> </u>					
		<u> </u>	Days. Absent			151			151		
Otter		Canada	No. of Vessels		· · · · · · · · · · · · · · · · · · ·	4	118	12	118		
Trawl	150	(M & Q)	No. of Trips			57	22,791	342	23,190		
			Days Absent								
Otter		Canada	No. of Vessels			9	1		9		
Trawl	150	(Nfld)	No. of Trips		<del></del>	79	1		80		
		· · · · · · · · · · · · · · · · · · ·	Days Absent		·	590	8		598		
Otter	51-	<u> </u>	No. of Vessels				55	212	215		
rawl	150	USA	No. of Trips			ļ	284	6,360	6,644		
		<del> </del>	Days Absent			_	2,575	25,437	28,012		
Otter	0-	Canada	No. of Vessels			<del></del>	154	4	<del></del>		
Traw1	raw1 50	(M & Q)	No. of Trips			_	33,908	92	34,000		
		<u></u>	Days Absent								
Otter	0-	Canada	No. of Vessels			1	1		2		
Trawl	50	(Nfld)	No. of Trips			21	1		22		
		<b> </b>	Days Absent			161	4		165		
Otter	0-	l	No. of Vessels				<b></b>	283	. 283		
Trawl	50	USA	No. of Trips		·····	<u> </u>	<b></b>	19,280	19,280		
	·		Days Absent			<del>-</del>	<b></b>	25,573	25,573		
			No. of Vessels					<del>                                     </del>	<u>``</u>		
			No. of Trips				ļ	<b> </b>			
Do des	00.1	<del></del>	Days Absent			<del> </del>	<del> </del>	<del>  -</del>			
Pair 901			No. of Vessels			2	2	<b> </b>	2		
Trawl	1800	Spain	No. of Trips			<del> </del>	<del> </del>	<del> </del>			
Dode	161		Days Absent			<del> </del>	70	<del> </del>			
Pair	151-		No. of Vessels			80	72	2	80		
Trawl	500	Spain	No. of Trips			<del> </del>	ļ	<b> </b>	*		
		<u> </u>	Days Absent				<del> </del>	<b> </b>	*		
			No. of Vessels				<u> </u>	<b> </b>			
	TOTAL		No. of Trips			1		I I			

<sup>\*</sup> Days absent for pair trawlers of 901-1800 and 151-500 tonnage class = 11,819



## THE NORTHWEST ATLANTIC FISHERIES

#### ICNAF STATISTICS 3

** -	† <del></del>	<del></del>		<del> </del>				Year	1964			
Vessel	Tonnage					SUBAREA						
ategory Dory	Class 901-	Country Port-	Information	1_1_	2	3	4	5	TOTAL			
Vesselsi			No. of Vessels	<del> </del>		14	4		14			
1699618	1800	uga1	No. of Trips	9	- <del></del>	5						
			Days Absent	831		432	14		1,277			
Dory	501-	Port-	No. of Vessels			22	11		22			
Vessels (	900	uga1	No. of Trips	12	<del></del>	7	<u> </u>		19			
Dory	151-	Port-	Days Absent	1,291		621	5		1,917			
Vessels	500	ugal	No. of Vessels	<b> </b>		4		<u> </u>	4			
	500	ugai	No. of Trips	<u> </u>		4		<u> </u>	4			
	<del></del> -	<del></del>	Days Absent	<b> </b>		324		<u> </u>	324			
			No. of Vessels	[ <u> </u>				<u> </u>				
			No. of Trips			<u> </u>	<u> </u>	<u> </u>				
Scallop	151-	Canada	Days Absent	ļ		<u> </u>						
Dredge	500	(M & Q)	No. of Vessels	ļ		14	15	30	30			
		(M. de Q)	No. of Trips	<del> </del>	<del></del> -	230	231	4,089	4,550			
333-			Days Absent	<del></del>	<del></del>	305	238	4,438	4,981			
Scallop Oredge	151~		No. of Vessels	ļ		ļ	1	4	4			
	500	USA	No. of Trips			<del> </del>	1	60	61			
			Days Absent			<u> </u>	7	508	515			
Scallop	51-	Canada	No. of Vessels			44	19	19	27			
Dredge	150	(M & Q)	No. of Trips			70	2,044	2,696	4.810			
			Days Absent			ļ	<u> </u>					
Scallop	-, ,		No. of Vessels		<del></del>	<del> </del>	11_	55	55			
Dredge		USA	No. of Trips	<u></u>		<u> </u>	22	1,112	1,114			
	<del></del>		Days Absent				23	8.657	8,680			
Scallop		Canada (M & Q)	No. of Vessels		<del></del>		27		27			
Oredge			No. of Trips			<u> </u>	9.280		9.280			
		·	Days Absent			<u> </u>		 				
Scallop	0-50 U	USA	No. of Vessels			<u> </u>		9	9			
Oredge			No. of Trips			ļ		154	154			
<del></del>		—-——	Days Absent					177	177			
	Į.		No. of Vessels			<u> </u>		ļ				
1			No. of Trips									
	1.53		Days Absent					,				
	151-	Canada	No. of Vessels		<del></del>	ļ		4	4			
larpoon	500	(M & Q)	No. of Trips			<del></del>	<del> </del> .	5 *	5			
		<del></del>	Days Absent		<del></del>			6	6			
arpoon	51~ 150	Canada	No. of Vessels			<b> </b> -	7	9	12			
1	150	(M Q)	Days Absent		·	<u> </u>	36	42 *	78			
	<del></del>	Canada	No. of Vessels			<b> </b>	<del> </del>	54				
Tarpoon	0-50	(M & Q)	No. of Trips			<del></del>	5	7	9			
TT POOII	U-UU	(M & Q)	Days Absent				79	61	140			
<del> </del> -		<del></del>	No. of Vessels		P**	<del> </del>	ļ	75	11.91.11			
iarpoon	0-50	USA	No. of Trips		<del></del> -	<u> </u>		6	6			
Tr boom	U-UU	VOA	Days Absent				<b></b>	17	17			
· · · ·	<del></del>	· · · · · · · · · · · · · · · · · · ·	No. of Vessels	L			<b> </b>	101	101			
		f		<del></del> -	···							
ľ	· }	1	No. of Trips	——— <del>—</del>  -					- <u>-</u>			
	<del></del>		Days Absent			- <u>-</u>	<u> </u>					
	TOTAL	<b> -</b>	No. of Vessels									
	- O + UT	1	No. of Trips	I			1					

<sup>\*</sup> Number of trips ending with fraction.
This is caused by vessels fishing part of a trip outside ICNAF area.



## THE NORTHWEST ATLANTIC FISHERIES

#### ICNAF STATISTICS 3

	<del></del>	<b></b>	Summary of S	, cattati	.s OII £.	rentu <b>g</b> . et	IOPt	Year	1964		
Vessel	Tonnage			SUBAREA							
ategory	Class	Country	Information	1	2	3	4	5	TOTAL		
Pound	0.50		No, of Vessels					3	3		
Net	0-50	USA	No. of Trips					266	266		
		<del></del>	Days Absent					266	266		
			No. of Vessels				1		1		
	ļ	I	No. of Trips								
			Days Absent								
Float-			No. of Vessels					3	3		
•	0-50	USA	No. of Trips					196	196		
ng Trap			Days Absent		<del></del>		f	196	196		
			No. of Vessels		<del></del>	<b></b>	1	1			
ļ.	*		No. of Trips			<del> </del>			<del> </del>		
	1		Days Absent		·- <del></del>		<del> </del>	<del> </del>	<del> </del> -		
Long	151-	Canada	No. of Vessels		<del></del>	13	17	12	20		
Line	500	(M & Q)	No. of Trips			306	420	440 *	1,166		
2116	000	/m or A)	Days Absent	·	···	462	120	<del>                                     </del>	1,100		
Long	151-		No. of Vessels	25	<u></u>	7	<del> </del>	<del></del>	51		
Line	500	Norway	No. of Trips	39		11	<del> </del>	<b> </b>	84		
nine	300	Norway	Days Absent	. 39		<del>-  </del>	<del>}</del>	<del></del>	84		
T ====	151	<del></del>		<del></del>			ļ				
Long	151-	• • • •	No. of Vessels	1			<del> </del>	<b> </b> -	11		
Line 500	500	UK	No. of Trips	1					1		
<del></del>			Days Absent	31		<u> </u>		<u></u>	31		
Long		••••	No. of Vessels			1		1	1		
Line 500	500	USA	No. of Trips			2		4	6		
			Days Absent	1		44		40	84		
Long	51- 150	Canada (M & Q)	No. of Vessels			18	118	49	124		
Line			No. of Trips			287	7,696	2,069 *	10,052		
<u> </u>			Days Absent			<u> </u>	2,649.5	**			
Long	51-	Canada	No. of Vessels			12	4		13		
ine	150	(Nfld)	No. of Trips			340	18		358		
			Days Absent			385	45		430		
Long	51-	ľ	No. of Vessels						6		
Line	150	Norway	No. of Trips						118		
			Days Absent						9		
Long	51-	No. of Vessels					6	6			
	150	USA	No. of Trips					37	37		
			Days Absent					332	332		
Long		Canada	No. of Vessels			4	93	28	92		
Line	0-50	(M⋅& Q)	No. of Trips		<del></del>	20	11,819	868	12,707		
			Days Absent			25**	<del></del>				
Long		Canada	No. of Vessels			27	6		27		
Line	0-50	(Nfld)	No. of Trips			1,603	25	<u> </u>	1,628		
	1	1	Days Absent			1,688	45	<del></del>	1,733		
Long			No. of Vessels			·	<del></del>	7	7		
Line	0-50	USA	No. of Trips		<del></del>	-		21	21		
		··	Days Absent						<u> </u>		
<del></del>		<del> </del>	No. of Vessels				<u> </u>	137	137		
1		<b> </b> -	No. of Trips	<del></del>	<del></del> +			<b> </b>			
ſ	i	ŀ		<del></del>					<u> </u>		
L			Days Absent			<b></b>		<b></b>			
		-									
	TOTAL	ļ.	No. of Vessels No. of Trips		·······						

<sup>\*</sup> No. trips ending with a fraction.
This is caused by vessels fishing part
of a trip outside ICNAF area.

<sup>\*\*</sup> Swordfish and tuna only.



## THE NORTHWEST ATLANTIC FISHERIES.

### ICNAF STATISTICS 3

Vessel	Tonnage Class	<del></del>		tatistics on Fishing Effort Year							
ategory		Country	Information	1	2	3	4	5	TOTAL		
Pur se	151-		No. of Vessels			<del> </del>	<del> </del>	<del>- 5</del>	TOTAL		
		Canada	No. of Trips		<b></b>	· <del>                                     </del>	<del> </del>	10	10		
seine	500	(M & Q)	Days Absent	<del></del>	<del> </del>	<del>- </del>	<del>-  </del>		10		
	4	<del></del>	No. of Vessels			· <del> </del>	<del></del>	1	1		
Purse	151-	***	No. of Trips				<del> </del>	8	8		
seine	ine 500	USA	Days Absent		<b></b>	<del></del>	<del> </del>				
<del></del>						<del></del>	<del></del>	8	8		
Purse	51-	Canada	No. of Vessels	··· · · · · · · · · · · · · · · · · ·			<del> </del>	1 13 *	13		
seine	150	(M & Q)	No. of Trips		ļ	<del> </del>	ļ	13 *	10		
			Days Absent		ļ	<del>-</del>	<b></b>				
Purse	51-		No. of Vessels			<del>-</del>	<b></b>	8	8		
seine	150	USA	No. of Trips			<u> </u>	1	76	76		
			Days Absent	<del></del>				94	94		
Purse		Canada	No. of Vessels			ļ	3		3		
seine	0-50	(M & Q)	No. of Trips			<u> </u>	unknown				
		<u> </u>	Days Absent								
Purse			No. of Vessels					6	6,		
seine	0-50	USA	No. of Trips					12	12		
			Days Absent					12	12		
			No. of Vessels								
			No. of Trips				1				
			Days_Absent						· ·-·-		
Line traw1			No. of Vessels				1	23	23		
	0-50	USA	No. of Trips			<u> </u>	<del>                                     </del>	622	622		
			Days. Absent			1	1	759	759		
, , _			No. of Vessels		<del> </del>	<b> </b>	<u> </u>		<del></del>		
			No. of Trips	······································		<del>                                     </del>		<del></del>			
			Days Absent			·	<del>                                     </del>				
Troll			No. of Vessels				<del>                                     </del>	3	3		
line	0-50 t	USA	No. of Trips			<del> </del>	1	9	9		
		5011	Days Absent			<del></del>	╁╌┈╌┼	9	9		
			No. of Vessels			<del> </del>	<del> </del>				
- 1			No. of Trips			<del></del>	<del> </del>		·		
i		· · · · · · · · · · · · · · · · · · ·	Days Absent	· ·		- <del> </del>	╂━━┼				
Hand	<del></del>	Enamas	No. of Vessels			87	<del>  </del>	<u>-</u>	87		
line	0-50	France (St.P &	No. of Trips			5,302	<del> </del>				
11116	0-80	M)	Days Absent		·	5,302	<del> </del>		5,302 5,302		
Hand	<del></del>	474./	No. of Vessels	······································	<del></del>	0,002	<del> </del>				
nand 11ne	ا م	1104	No. of Trips			<del> </del>	<del> </del>	8	8		
TIME	0-50	USA-	Days Absent			<del> </del>	<del> </del>	142 142	142 142		
· · · · · · · · · · · · · · · · · · ·		<del></del>	No. of Vessels			<del></del>	<del> </del>	142	142		
	ŀ	ł				- <del> </del>	<del> </del>		<del></del>		
!	i	ŀ	No, of Trips		····	<del> </del>	<del>  </del>		· <del></del>		
Drift	<del></del>		Days Absent	· · · · · · · · · · · · · · · · · · ·		<del> </del>	<del>   </del>				
gill	0-50	USA	No. of Vessels			<u> </u>	<b> </b>	2	2		
net	0-50	VUR	No. of Trips			<del> </del>		21	21		
	·····		Days Absent			<u> </u>	ļl	21	21		
j		ļ	No. of Vessels			<u> </u>					
1		ļ	No. of Trips		·						
		<u></u>	Days Absent								
			No. of Vessels								
TOTAL No. of Trips											

<sup>\*</sup> No. of trips ending with a fraction.
This is caused by vessels fishing part
of a trip outside ICNAF area.



## THE NORTHWEST ATLANTIC FISHERIES

## ICNAF STATISTICS 3

VA1			Yearl,964								
Vessel	Tonnage Class	Country	]	SUBAREA							
ategory Sink			Information	<u>1</u>	.2	3	4	5	TOTAL		
gill	51-		No. of Vessels			<u> </u>		1	1		
net	150	USA	No. of Trips	<del></del>		<u> </u>		7	7		
Sink	<b></b>		Days Absent			ļ	ļ	7	7		
gill	0-50	USA	No. of Vessels		·	<u> </u>		8	8		
net	" "	USA	No. of Trips			ļ	<b> </b>	842	842		
		<del></del>	Days Absent			<del> </del>		842	842		
	!		No. of Vessels			<del> </del>					
•			No. of Trips	<del></del>		<del> </del>	ļ				
Danish	51-	Canada	Days Absent		· · · · · · · · · · · · · · · · · · ·	ļ					
seiner	150		No. of Vessels			1	26		26		
eriiei.	130	(Mr oz GZ)	No. of Trips			20	3,710		3,730		
Danish	51-	Canada	Days Absent	<del></del>		<u> </u>	<del>                                     </del>		· · · · · · · · · · · · · · · · · · ·		
seiner	150 (Nfld)	No. of Vessels		<del></del>	5	7		9			
501.701	100	(NITG)	No. of Trips Days Absent			10	30 166		40		
Danish		Canada	No. of Vessels			32	<b></b>		198		
seiner	0-50		No. of Trips		····	<del> </del>	48		48		
]	0 00	(M. Or Or)	Days Absent			<del> </del>	9,670		9,670		
Danish		Canada					<u>-</u>				
	0-50	(Nfld)	No. of Vessels No. of Trips			3	5		6		
	ا "	(11114)	Days Absent			28	38	<del></del>	66		
						93	225		318		
	1		No. of Vessels			ļ					
	ľ	•	No. of Trips Days Absent		<del></del>				<del></del>		
Sealing	501-	<del></del>	No. of Vessels	<del></del>		6 1)		<u></u>			
vessel	900	Norway	No. of Trips			5	2		6		
		,	Days Absent			430	1		6		
Sealing	151-		No. of Vessels			9 1)	48		478		
'essel	500	Norway	No. of Trips			9 -/	1		10		
			Days Absent			699	114		10		
			No. of Vessels			055	114		813		
			No. of Trips		·			<del></del> [-	_·		
1	j	ľ	Days Absent		<del></del>			<del></del>			
			No. of Vessels	<del></del>	·-·				<del></del>		
		r	No. of Trips						<del></del>		
	į	t	Days Absent						<del></del>		
	· ·		No. of Vessels								
ł	ł		No. of Trips								
			Days Absent						·		
			No. of Vessels					<del></del>			
			No. of Trips		·			<del></del>			
		Г	Days Absent					<del></del>			
			No. of Vessels		<del></del>			<del></del>			
ŀ	ļ		No. of Trips		······································	<del></del>		<del></del>			
	j		Days Absent					<del></del>			
			No. of Vessels	<del></del>				<del></del>	· · · · · · · · · · · · · · · · · · ·		
·, [	1		No. of Trips						<del></del>		
	[		Days Absent			<del>                                     </del>		<del></del>	<del> </del>		
		1	No. of Vessels	1							