

INTERNATIONAL COMMISSION FOR



RESTRICTED
THE NORTHWEST ATLANTIC FISHERIES

ICNAF Res. Doc. 66-5

Serial No. 1613
(H)

ANNUAL MEETING - JUNE 1966

Proforma of Proposed ICES List of Fishing Craft based on the ICNAF pattern

(also FAO Fisheries Circular No. 78)

PROFORMA OF PROPOSED ICES LIST OF FISHING CRAFT BASED ON THE
ICNAF PATTERN

Assembled by

The Secretary,
Continuing Working Party on Fishery Statistics
in the North Atlantic Area
Fishery Economics and Products Division
FAO Department of Fisheries



FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, 10 March 1966

MI/43811

FAO Fisheries Circular (*FAO Fish. Circ.*)

These documents, given very restricted distribution, are mostly short notes, instructions for the completion of statistical forms and questionnaires, lists on various topics or provisional versions of documents which may eventually be issued in final form in other series.

Some circulars, presenting statistical tables with provisional data, are prepared as papers for conferences, committees, commissions, working parties; these tables may eventually be issued after revision in the "Yearbook" or "Bulletin of Fishery Statistics".

1. INTRODUCTION

At its 1964 meeting in Copenhagen the ICES Statistical Committee considered the need for publishing periodically a list of fishing craft similar to that issued by ICNAF. This matter was taken up by the Continuing Working Party on Fishery Statistics in the North Atlantic Area at its 4th Session in Rome, March 1965, and again by the ICES Statistical Committee in October 1965. It was further reviewed during the Meeting on ICES Statistics, February 1966, Copenhagen. Extracts from these meetings are reproduced in Sections 2, 3, 4 and 5 which follow below.

2. EXTRACT FROM THE REPORT OF THE ICES STATISTICAL COMMITTEE, COPENHAGEN 1964

"7. Classification of Inventory-type Fishing Fleet Statistics

The Committee reviewed Table 8 in Volume 46 of the Bulletin Statistique and agreed that this kind of data, covering fishing fleets should, with minor modifications continue to be published. It also considered the need for publishing every three years a list of fishing craft (probably all craft of 51 tons and over) for the ICES Statistical Area (North) similar to the lists published by ICNAF. The Committee agreed that this question should be considered by the Continuing Working Party at its 4th meeting early in 1965 and that it be requested to report to the next meeting of ICES on the possibility of a joint ICES/ICNAF list of craft."

3. EXTRACT FROM REPORT OF FOURTH SESSION OF THE CONTINUING WORKING PARTY ON FISHERY STATISTICS IN THE NORTH ATLANTIC AREA, 9-12 MARCH 1965, ROME
(FAO Fisheries Reports, No. 21; Flc/R21)

"6.1 LIST OF FISHING CRAFT OF OVER A SPECIFIED GROSS REGISTERED TONNAGE FISHING IN THE NORTH ATLANTIC

The ICES member asked that the Continuing Working Party consider a proposal whether his organization should publish, perhaps triennially, a list of craft, similar to that published by ICNAF (see the ICNAF publication of January 1964 titled List of Vessels over 50 Gross Tons Fishing in the ICNAF Convention Area in 1962). There was some support for this proposal but the reasons were mainly non-scientific. They were rather related to the use of such a list for economic studies and for the identification and control of fishing craft in a particular area. The national representatives pointed out that if the ICES lists were restricted to craft over 50 tons, the craft count would be about 4,500 for the member countries at present returning other vessel statistics and the production of these lists would therefore be a large task. It was of course recognized that the production of future lists would merely require the amendment of an existing list and that the information requested against each craft could be less than required by ICNAF.

The Continuing Working Party could not supply to ICES any firm advice on the scientific value or content of such an inventory list of craft, but did suggest that such a list in conjunction with ancillary data on craft catch and effort would be of value in fishing power study.

The Continuing Working Party considers that the question of a joint ICES/ICNAF list of fishing craft must be deferred until an ICES decision on the above matter has been reached."

4. EXTRACT FROM 1965 REPORT OF THE ICES STATISTICAL COMMITTEE, 1965, ROME
(ICES Procès-Verbal 1965, p.87, para 6)

"6. List of Fishing Craft and Inventory Fleet Statistics

(a) The Committee considered in detail the question whether ICES should commence the publication of a List of Fishing Craft Comparable with that published by ICNAF. Note was taken of the views expressed by the CWP, to whom the matter had been referred, of the usefulness of such data for a number of purposes, and to the division by the CWP that it could not provide specific advice whether it should indicate such a publication. After detailed consideration of the problem the Committee decided that while a specific ICES Fishing Craft list was not justified, a list of craft fishing in the North Atlantic as a whole would be of valuable guide to the trends in developments in fisheries and for other purposes. It was thought that a list covering craft above 50 GRT in the ICNAF area and above 150 GRT in the ICES area would meet the requirements. It was, therefore, agreed that further consideration to the preparation of such a list should be given by the General Secretary in consultation with the Executive Secretary of ICNAF, the chairmen of the ICES and ICNAF Statistical Committees and the Secretary of the CWP, and their findings be reported to the 1966 Meeting of ICES and ICNAF. In its consideration of this matter the Committee agreed that a World List of Register of Fishing Craft would provide valuable information on the growth and developments in the world's fisheries. It was agreed that the Secretary of the CWP be requested to investigate the possibility of FAO's establishing and maintaining a detailed register of all fishing craft above an appropriate tonnage throughout the world, and that ICES be kept informed of the results of this investigation.

(b) Consideration was also given to the tabular, inventory fleet statistics published in Table 8 of Bulletin Statistique, in the light of the comments in Section 6.2 of the report of the 4th Session of the CWP. The Committee agreed that the collection and publication of these statistics should be continued in their present form (tonnage and horse-power classes), and that consideration should be given at the next meeting to possible, further tabulations based on other characteristics, such as age.

The Committee agreed that no further changes should be made in tonnage classification used in these tabulations, but that countries be requested to specify the lower limit of the 0-25 GRT class in their submissions."

5. EXTRACT FROM REPORT OF MEETING ON ICES STATISTICS, 9-10 FEBRUARY 1966, COPENHAGEN

"1. List of Fishing Craft and Inventory Fleet Statistics

The participants felt that the usefulness of an international fishing vessel list depends largely upon its completeness. It should in any case be reasonably ascertained that the major fishing countries would be in a position to provide the requested lists of individual fishing vessels before a firm decision about the printing of such an international list is taken by ICES. They did not have sufficient information on this point to recommend that ICES should immediately start the collection of detailed information on all fishing vessels above 150 tons from the ICES member countries. They therefore recommend that the problem should be approached in the following way, which will allow the Statistical Committee to follow closely the development of the project, without losing time (the next ICNAF list will appear in 1968):-

a) The Secretary of the Continuing Working Party will submit to the 1966 statutory meeting of ICES a proforma for collection of information. The proforma will be based upon the ICNAF requirements, such as they are formulated in Annex I to the Report of the ICNAF Committee on Statistics (1965). He will also in consultation with the other two participants provide a short explanatory introduction to the proforma.

The proforma will be ready in time to be tabled for information during the forthcoming ICNAF meeting in June. It will be presented as a meeting document to the Statistical Committee of ICES in October, together with the comments that may arise from the ICNAF meeting.

5. (concluded)

b) After decisions as to the details of the proforma have been taken by the Statistical Committee of ICES in October 1966, the member countries should be asked to provide lists of fishing vessels of their respective countries according to the requirements of the proforma and to submit these lists as meeting documents to the 1967 ICES meeting.

c) With this material in hand the Statistical Committee will be able to decide on the further development of such a list and to recommend if it should be either

(i) an internationally printed ICNAF/ICES list, or

(ii) nationally produced lists which are made available on an exchange basis."

6. QUESTIONS WHICH REQUIRE CONSIDERATION BY THE MEETING

When considering the items for the list of vessels over 120 tons in the ICES area one should carefully consider whether the usefulness of some of the items listed justifies the work involved in the collection and compilation. Attention is in this connection drawn to Items 16 to 18. Answers to Item 19 may be difficult to give for the ICES area, and the question should perhaps be deleted - or more closely defined.

On the other hand, there are other information which from a fisheries point of view is of more interest, viz.: size and type of winch, whether trawling is performed as stern- or side-trawling, and if the latter is the case, whether it is performed on one or both sides of the vessel. It ought also to be indicated whether the vessel has a power-block or not.

Attention is drawn to other items on pages 6 and 7. It might be useful to consider whether the "Distance between trawl gallows" is important, and whether the "Range or Fuel Capacity" and the "Trawling in calm weather" information can be expected to be given in such a way as to make the material useful for an analysis of fishing potential under the conditions in the ICES area.

The proposed Proforma shows under the heading (on the right-hand page) "North Atlantic fishing areas fished", five columns for reporting the fishing sub-areas or divisions. If this Proforma is to be used for the ICES or for the North Atlantic areas as a whole it might be advisable to expand the number of columns under this heading. The ICES Statistical Committee would also have to decide which of the ICES sub-areas or divisions should be listed under this heading, e.g. it could specify the three regions of the NEAFC or the groupings used in presenting statistics for the ICES area on the right-hand page of the Bulletin of Fishery Statistics No. 10, "Catches in the North Atlantic, 1964".

These groupings of the ICES sub-areas and divisions are as follows:-

- (a) I, IIb
- (b) IIIa
- (c) Va, Vb, XIV, XII
- (d) VIa, VIb, VIIa-k
- (e) IVa, IVb, IVc
- (f) IIIa
- (g) VIII, IXa, IXb
- (h) X
- (i) IIIb+c, IIId

ICNAF

NOTES ON THE STATISTICAL ITEMS INCLUDED IN THE LIST OF CRAFT

1. Name of Craft:

2. Date Built:

3. Gear: Type:

The type of gear should be selected from the following list and the standard abbreviation inserted in the tables:

Gear Categories	Standard Abbreviation
Otter trawl	OT
Pair trawl	PT
Beam trawl	BT
Danish seine	Da.S
Ring net (purse seine)	RN
Drift gill net	DG
Bottom gill net	BG
Long-line	LL
Hand-line	HL
Dory vessel	DV
Dredge (scallop, oyster, etc.)	Dr.
Harpoons	Ha.

Name:

Many gears can be identified by name, e.g. Iceland 41 trawl, Portuguese trawl, etc. These names give considerable information as to size of gear, rigging, etc.

The number of dories carried by dory vessels should be inserted here.

Size of Gear:

For trawls the footrope length should be given.

4. Gross Tonnage:

Gross registered tonnage should be used.

5. Overall Length:

Registered length may be substituted (state whether metres or feet).

Note:

Measures of gross tonnage, length and horsepower vary greatly, and adequate descriptions of the method of measurement should be reported along with the completed lists.

6. Register Number and Home Port:

If the port of registry is different from the port of embarkation and disembarkation, then the latter should be regarded as the home port.

The name of the home port should be abbreviated to two letters only.

7. Engine and Fuel: Engine:

Steam, Diesel or Diesel-Electric. Name of engine may be substituted, i.e. manufacturer and number. Coal or oil, etc.

(continued)

8. Power: Nominal Ratings: Brake Horse-Power and corresponding Propellor Revolutions. Per Minute: the manufacturer's nominal rating for continuous operation. In the case of steam vessels, indicated horse-power should be substituted.
9. Crew: Number of crew usually carried.
10. Controllable Pitch Propellor: }
11. Radio: }
12. Radar: }
13. Sonar: }
14. Echosounder: }
15. Loran: }
16. Automatic Navigator (e.g. Decca): }
17. Automatic Pilot: }
18. Radio Direction Finder (D/F): }
- | | |
|------------------|---|
| Note presence by | X |
| Note absence by | — |
| If not known by | ? |
19. Fishing areas Fished: Under each fishing area heading the number of trips made may be recorded if this information is readily available. If not, simply mark with an X those fishing areas where fishing took place. If fishing took place in two fishing areas in one trip, both fishing areas should be noted.
20. Remarks: Note in this column any newly-developed equipment or gear carried.

The data may be handwritten or typed onto the form. If it is necessary to cut the form in order to insert it in the typewriter, this cut should be made along the double line between the Engine and Fuel section and the Power section.

FAO / ICES / ICNAF FORM FOR REPORTING STATISTICS ON FISHING CRAFT

LIST OF CRAFT OF OVER 100 GROSS TONS FISHING IN DURING 196..

COUNTRY SHEET NO.

ROW NUMBER	NAME OF CRAFT	DATE BUILT	GEAR		GROSS TONNAGE	OVERALL LENGTH	REGISTER NUMBER AND HOME PORT	TYPE OF ENGINE	POWER		CREW	CONTROL PITCH PROPELLOR	RADIO	RADAR	SONAR	ECHO SOUNDER	LOAN	AUTOMATIC NAVIGATION	AUTOMATIC PILOT	RADIO DIRECTION FINDER	NORTH ATLANTIC FISHING AREAS FISHED			REMARKS	ROW NUMBER	
			TYPE AND NAME	SIZE OF GEAR					H.P.	H.P.											1	2	3			
1																									1	
2																										2
3																										3
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