RESTRICTED

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ICNAF Comm Doc 68/13

Serial No. 2002
(A.a.4)

ANNUAL MEETING - JUNE 1968

Notification Series No 4

Notification of amendments to the specifications of the Polish-type (large-mesh) topside chafing gear in the ICNAF trawl fisheries, 1967/68

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Notification Series No.4

Notification of amendments to the specifications of the Polish-type (large-mesh) topside chafing gear in the ICNAF trawl fisheries, 1967/68

1. Contracting Governments are herewith notified that, in accordance with a decision taken by the Commission at its 1967 Annual Meeting, specifications of the Polish-type (large-mesh) topside chafing gear (ICNAF Notification Series No.1, Appendix E) are amended to permit the chafing gear to extend over all or any part of the length of the upper side of the codend.

(1967 ICNAF Meeting Proceedings No.15, 22 and 23)

2. A Note detailing the background of the Commission proposal regarding the amendment to the specifications for the Polish-type (large-mesh) topside chafer is attached as Appendix A.

3. An illustrated description and scientific evidence for authorization of the amendment to the Polish-type (large-mesh) topside chafer is included in Appendix B.

L. R. Day
Executive Secretary

Office of Commission
28 July 1967

APPENDIX A
to
Notification Series No.4

Background Note

to

Notification of amendment to the specifications of the Polish-type (large-mesh) topside chafing gear in the ICNAF trawl fisheries, 1967/68

1. At its 1966 Annual Meeting, the Commission approved the ICNAF-type topside chafer, the modified ICNAF-type topside chafer, the multiple flap-type topside chafer and the Polish-type (large-mesh) topside chafer for the purposes of the Commission's proposals for international trawl regulations approved in 1963 when they enter into force. The Commission agreed that there should be a periodic review of the scientific evidence for their retention and that the specification for the four Commission approved topside chafers should be documented in readily accessible form. Documentation was effected with the preparation and wide distribution of ICNAF Notification Series No.1 dated 17 March 1967.

2. At its 1967 Annual Meeting, the Commission's Standing Committee on Research and Statistics examined the specifications of the approved Polish-type (large-mesh) chafer which described the chafer as only three-fifths of the length of the codend (ICNAF Notification Series No.1, Appendix E) and the results of recent investigations by the Federal Republic of Germany and the Union of Soviet Socialist Republics which showed that large-mesh chafers of approximately the same length and width as the codend did not obstruct the meshes or reduce significantly the selectivity of the codend. As a result the Standing Committee recommended that the specification of the Polish-type chafer be amended to permit the length of the chafer to be the same as the length of the codend. This recommendation was studied by the Commission's *ad hoc* Committee on Trawl Regulations (ICNAF 1967 Meeting Proceedings No.15) and finally approved by Panels 1-5 (ICNAF 1967 Meeting Proceedings No.22) and the Commission in Plenary Session (ICNAF 1967 Meeting Proceedings No.23).

Large-mesh (modified Polish-type) topside chafer

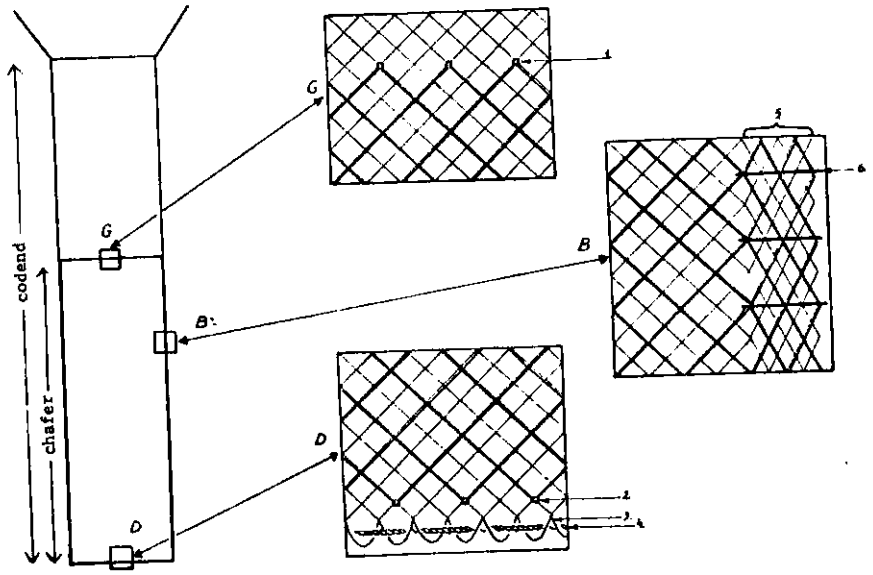
Description

The large-mesh topside chafer approved by the Commission as the Polish-type chafer at the 1966 Annual Meeting and with modifications approved at the 1967 Annual Meeting consists, in general, of a rectangular piece of netting attached to the rear portion of the upper side of the codend and extends over all or any part of the upper side of the codend and has in all its parts a mesh size twice as large as the mesh size of the codend and a width the same as the codend. The netting is fastened to the codend along the forward, lateral and rear edges of the netting in such a way as to secure that the meshes of the netting exactly overlap the meshes of the codend. The netting is made of the same twine material and size as that of the codend.

Example 1 (chafer covering three-fifths length of codend)

This example of an authorized large-mesh chafer is the Polish-type chafer as recorded in a paper by W. Strzyzewski on "The Effects of the Use of Chafing Gear on Selection Factor" (ICNAF Res.Doc.66/21) and described in Appendix E of ICNAF Notification Series No.1

Selection factors 3.92 (without chafer)
3.77 (with chafer)

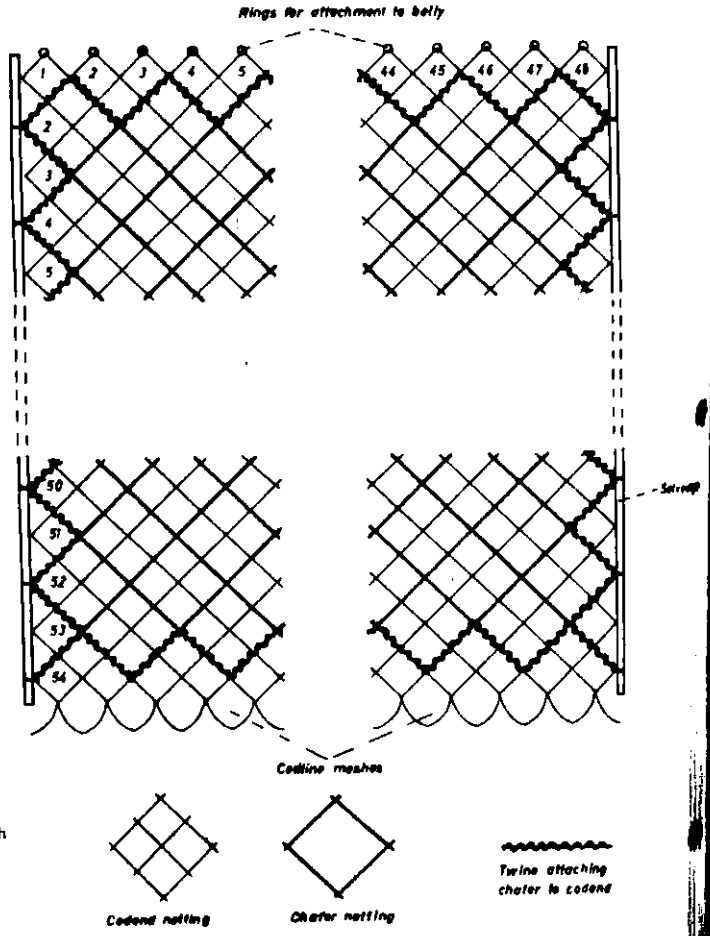


Polish-type (large-mesh) chafer showing method of rigging

Scientific Evidence for authorization is recorded in a paper by Strzyzewski, W. 1966. The Effects of the Use of Chafing Gear on Selection Factor (1966 ICNAF Res.Doc.66/21 and ICNAF Redbook 1966, Pt.III, p.112-121).

Example 2 (chafer covering whole length of codend)

This example of an authorized large-mesh chafer is described in detail by H. Bohl of the Institut für Fangtechnik, Hamburg, Fed. Rep. Germany, in his paper "Selection experiments with a large-meshed topside chafer" (ICNAF Res.Doc.67/32). The chafer tested was 224 mm mesh size attached to a codend of 118 mm mesh size, 54 meshes long and 48 meshes wide. Both the chafer and the codend were made of double-braided polyamide twine. Details of the manner in which the chafer was fitted to the codend are shown below.



Large-mesh chafer with rigging, as described by Bohl, 1967.

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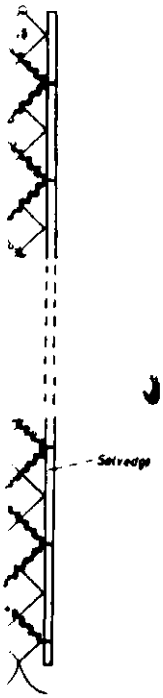
Scientific Evidence for authorization is recorded in the following paper: Bohl, H. Selection experiments with a large-meshed topside chafer (1967 Res.Doc.67/32)

Selection factors 3.91 and 4.08 (with chafer)
3.70 (without chafer)



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