

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

Serial No. 752

(D. c. 1)

Document No. 34

ANNUAL MEETING - MAY/JUNE 1960

List of Hydrographic Sections, by Countries, 1959

The following list is prepared on the basis of material forwarded to the Secretariat in accordance with the request included in Item 21 of the Report of the ad hoc Subcommittee on Environmental Research, 1959, Red Book 1959, p.68.

CANADA (see Document No.10)

DENMARK. Hydrographic Sections, Denmark, 1959. Frede Hermann.

Section I across Fylla Bank, 18-20 July, 1959. 13 stations.

Section II across Lille Hellefiske Banke, 21-22 July, 1959. 10 stations.

Section III across Store Hellefiske Banke, 23-24 July, 1959. 6 stations.

Section IV off Egedesminde, 25 July, 1959. 5 stations

Fixed station at entrance to Godthaab Fjord. Yearly variation of temperature.

GERMANY. Hydrographic Sections, Germany, 1959. G. Dietrich, 22 January 1960.

No cruises for hydrographic purposes in 1959.

ICELAND. Hydrographic sections, Iceland, 1959. J. Jonsson, 5 February 1960.

To be reported at a later date.

ITALY. Hydrographic observations at various depths are made from Italian vessels fishing in the Convention Area. Report received from Dr. Cannone May 23, 1960.

NORWAY. Hydrographic Sections, Norway, 1959. G. Rollefson, 20 February 1960.

B--July-Aug.

W. Greenland: Temp. Sal.

27 July;	Nameless Bank - westwards;	61°18'N-51°51'W to 61°41'N-49°40'W
28 July;	Fredrikshaab Bank - westwards;	61°52'N-52°30'W to 62°13'N-50°19'W
29-30 July;	Danas Bank - westwards;	62°28'N-52°57'W to 62°52'N-50°47'W
7 Aug.	; Across Holsteinsborg Deep;	66°26'N-54°26'W to 66°36'N-53°30'W
7 Aug.	; N. part of Lillehellefiske Bank;	65°58'N-55°56'W to 66°03'N-54°09'W
9 Aug.	; middle part of Lille Hellefiske Bank;	64°56'N-55°18'W to 65°03'N-53°04'W
11 Aug.	; Fyllas Bank - westwards	63°49'N-54°05'W to 64°00'N-52°36'W

25 July-15 Aug.; 58 bathythermograph stations (Temp.) between 59°30'N to 66°24'N and 44°10'W to 54°08'W

E--Greenland: Temp. Sal.

6 July;	Anngagssalik - eastwards;	64°44'N-34°25'W to 65°14'N-36°08'W
14 July;	Across the Denmark Strait;	65°08'N-26°10'W to 66°00'N-30°56'W
16 Aug;	Prins Christians Sound - eastwards;	60°03'N-41°24'W to 60°04'N-42°55'W
19 Aug;	Cape Tordenskjoeld - eastwards;	61°24'N-40°43'W to 61°24'N-42°06'W

1 July-27 Aug.; 77 bathythermograph stations (Temp.) between 59°38'N to 66°04'N and 27°42'W to 43°43'W.

A--April, W. Greenland: Temp. Sal.

10 April;	Nameless Bank - westwards;	61°29'N-50°52'W to 61°46'N-49°40'W
11 April;	Fredrikshaab Bank - westwards;	61°53'N-52°30'W to 62°15'N-50°20'W
12 April;	Danas Bank - westwards;	62°17'N-54°00'W to 62°50'N-50°48'W
13 April;	Across Fiskenaes Bank - westwards;	63°16'N-52°44'W to 63°27'N-51°40'W
14-15 April;	Fyllas Bank - westwards;	63°41'N-55°15'W to 64°02'N-52°20'W
15-16 April;	Banan Bank - westwards;	64°19'N-55°49'W to 64°30'N-52°25'W

(over)

SPAIN. Hydrographic Sections, Spain, 1959. M. Sunico, 25 January 1960.

Spain occupied no hydrographic stations.

USSR. (see Document No.15)

UK. Hydrographic Sections, United Kingdom, 1959. H.F.Greenfield, 11 March 1960.

The United Kingdom occupied no hydrographic stations.

USA. Hydrographic Sections, U.S.A., 1959. Herbert Graham-Dean F. Bumpus, 21 January, 1960.

There were only two sets of hydrographic stations, as such, by U.S.A. agencies in the Convention Area during 1959. The International Ice Patrol Unit occupied their customary stations during the Ice Season and Crawford Cruise 28 occupied 56 stations in Area 4 during June. Positions given in Table I\*. Only temperature, salinity measurements and sechi disc measurements were made. Bathythermograms were secured along the ship track.

Bathythermograms and surface water samples for salinity were obtained daily at Portland and Boston Lightship throughout the year and at Nantucket Lightship commencing in September. Bottom salinity samples were obtained once per week at these locations. Texas Towers 2 and 3 also provided surface temperatures daily.

Other bathythermograph data for the year are indicated in Table II.

All WHOI Hydrographic Station data is submitted to the Bulletin Hydrographique; copies could be sent to ICNAF, if necessary. All Lightships and Texas Towers temperature and salinity data are published in SSR-Fish annually.

Ice Patrol publishes their data in U.S.C.G. Bull.

Table II - Bathythermograph Data for Convention Area, 1959.

Ship	Cruise	Dates	Stations	Location
Albatross III	125	13-15 January	6	Off Woods Hole
Delaware	59-1	14 Jan.-11 Feb.	12	Boston to E. of Norfolk along 1000 fm. Curve
"	59-2	21-25 January	5	S. of Fire Is. to Boston
Albatross III	126	21 Jan.-4 Feb.	183	W.H. along 100 fm. Curve to Cape
"	127	10-11 February	14	Off Woods Hole Hatter
"	128	15-18 February	63	" " "
Crawford	24	25-Feb.-12 Mar.	27	W.H. to Bermuda
Delaware	59-3	20-26 March	27	S. of Fire Is. to Boston
"	59-4	5-17 April	40	Georges Shoal to Boston
Crawford	27	18-27 May	27	W.H. to Bermuda
Delaware	59-6	20-26 May	7	E. of Five Fathom Bank
Crawford	28	24-30 June	188	Scotian Shelf-Georges Bank
Bear	217	2 July	2	Off Woods Hole
Golden Eagle	1	6-16 July	11	S. of Nantucket Shoals
Bear	218	8-15 July	13	Out of Woods Hole
Delaware	59-10	5-10 August	152	Georges Bank
Crawford	31	13-17 August	10	S. of Nantucket Shoals
Bear	221	12-19 August	38	Off Woods Hole
Asterias		24-28 August	15	Off Woods Hole
Whaling City		12-17 September	20	Off Nantucket Shoals
Delaware	59-12	23 Sept.-7 Oct.	139	Georges Bank
"	59-13	13-17 October	156	" "
Bear	228	17-24 November	10	Buzzards Bay
Delaware	59-14	5-12 December	32	S. of Block Is.

\*Table I includes 56 stations taken on the Scotian Shelf 24-29 June. Crawford Cruise 28.