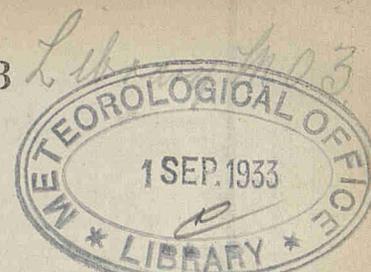


TO THE
MARINE OBSERVER—Vol. X, No. 111
MARINE METEOROLOGY.



Co-operation of Shipowners, Masters and Mates.

Captains and Officers of ships registered in Great Britain and Northern Ireland, who wish to co-operate regularly with the Meteorological Office should apply to the appropriate Port Meteorological Officer or Agent, a list of whom, with addresses, is given below.

In accordance with the International Convention for Safety of Life at Sea, the Meteorological Office arranges for certain "Selected Ships" to take meteorological observations at specified hours, and to transmit such observations by wireless telegraphy, for the benefit of other ships and the various meteorological services.

Arrangements are also made for a limited number of ships to keep meteorological logs in certain trades for the purpose of completing the meteorological survey of the oceans.

Ships performing these voluntary duties are known as Observing Ships; the whole as the Voluntary Observing Fleet; and the commanders and officers of these ships as the Corps of Voluntary Marine Observers.

At present the observing fleet is limited to a number not exceeding 366 observing ships. The number of British "Selected Ships" is determined upon the British proportion of world tonnage, on the assumption that there should be a total of 1,000 "Selected Ships" of all nations.

The observing fleet list indicating which are "Selected Ships," with the names of commanders, officers, and other particulars, is published in THE MARINE OBSERVER and kept up to date monthly.

A general description of marine meteorological work, including the particulars desired from intending marine observers, is given in Chapter I of THE MARINE OBSERVER'S HANDBOOK, 5th Edition, which is supplied to all observing ships, and may also be obtained from H.M. Stationery Office, direct, or through any bookseller, price 2s. 6d.

THE QUARTERLY MARINE OBSERVER or MONTHLY SUPPLEMENT is sent regularly to the captain of every observing ship, for the information and guidance of his observing officers, and in the case of "Selected Ships," the wireless operators also. The Captains of observing ships are also supplied on request with charts, and atlases, according to trade, if available, as meteorological equipment.

Ships keeping the Meteorological Log, Form 915, are lent a complete set of official tested instruments.

"Selected Ships," other than meteorological log keeping ships, keep the Ships' Meteorological Record, Form 911. All "Selected Ships" also keep the Ships' Wireless Weather Register, Form 138.

No observing ship is detailed as a "Selected Ship" unless she has on board a reliable mercurial barometer.

Official tested instruments are lent to "Selected Ships" when necessary.

The commanders of observing ships keeping the meteorological log are requested to return it (accompanied by Form 138 in the case of "Selected Ships") through the appropriate Port Meteorological Officer or Agent at intervals of not more than five months.

Commanders of observing ships keeping Forms 911 are requested to return them (accompanied by Form 138 in the case of "Selected Ships") by post direct to the Meteorological Office, London, at the end of each voyage, or at intervals of not more than two months.

These forms have the address and "On His Majesty's Service" printed upon them, and should be folded for posting accordingly.

The Port Meteorological Officers and Merchant Navy Agents inspect official instruments in Meteorological log ships half-yearly, and in "Selected Ships" quarterly, when possible; and they will replace defective gear. These officers will also check the accuracy of barometers in observing ships, but marine observers should themselves frequently check by comparison.

The work of the British observing fleet, that of the observing fleets of other nations party to the Convention for Safety of Life at Sea, together with Weather Shipping Bulletins and Gale and Hurricane Warnings conforming to the International Convention for Safety of Life at Sea, provide the necessary information for shipping. Thus a world wide service for all shipping, at the minimum cost to national funds, is provided. Shipowners are asked to facilitate this voluntary work which is done by the commanders and officers of their ships.

Shipowners will greatly assist by facilitating the forwarding of postal matter from the Air Ministry addressed to the Captains of ships.

All ships fitted with W/T are advised to procure the DECODE for use with the International Code for Wireless Weather Messages from Ships, M.O. Pubn. 329, which can be obtained from H.M. Stationery Office, price 3d. This gives a description of the system of communication of "Selected Ships," as well as the DECODE.

For guidance in the practical use of wireless weather intelligence, WIRELESS AND WEATHER AN AID TO NAVIGATION may be obtained from H.M. Stationery Office, through any bookseller, price 5s.

NAUTICAL OFFICERS AND AGENTS OF THE MARINE DIVISION OF THE METEOROLOGICAL OFFICE, AIR MINISTRY.

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Nearest station Temple, District Railway.

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George V Dock (south side), London, E.16.
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BRISTOL CHANNEL Captain T. JOHNSTON, Technical College, Cathays
Park, Cardiff (Telephone No.: Cardiff 6813).

Agents (contd.).
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Glasgow. (Telephone No.: 513 Ibrox).

FORTH ... Captain C. G. BONNER, V.C., D.S.C., Leith Salvage
and Towage Co., Ltd., 2, Commercial Street,
Leith.

HONG KONG, Lieut. Commander E. H. C. BRANSON, R.N.,
China. Chart Depot, H.M. Dockyard.
(Telephone No.: 108 Dockyard).

HUMBER ... Captain A. M. BROWN, Ellerman Wilson Line
Office, Hull. (Telephone No.: Central 2180).

SOUTHAMPTON Captain Sir BENJAMIN CHAVE, K.B.E. Room 35
Royal Mail Buildings.

SYDNEY, Commander G. D. WILLIAMS, D.S.O., R.D., R.N.R.,
New South Wales. Captain R. G. BLAYNEY.
Customs House. (Telephone No.: B6421).

TYNE ... Captain J. J. MCEWAN, Marine School, South
Shields.

DERELICTS AND FLOATING WRECKAGE.

Date.	Position.		Description.	Date.	Position.		Description.
	Latitude.	Longitude.			Latitude.	Longitude.	
12.8.33	51°39'N.	1°41'E.	Yacht "Chelo" abandoned waterlogged.	14.8.33	52°04'N.	5°44'W.	Black conical buoy adrift.
8.8.33	49°02'N.	4°54'W.	Wreckage.	6.8.33	43°31'N.	55°52'W.	White lighted gas buoy marked C 23 surmounted by square flag on pole about 6 feet above light.
2.8.33	14 m. W.N.W. of South Stack.		Spar projecting 5 feet out of water, apparently attached to submerged object.	8.8.33	36°18'N.	74°50'W.	Upright spar about 20 feet high, white with red flag attached to can buoy.
11.8.33	11 m. E. by S. 1/2 S. (mag.) Kish Lt.-V.		Heavy tree trunk.	11.8.33	27°31'N.	69°27'W.	Heavy spar projecting about 3 feet out of water either waterlogged or attached to submerged wreckage.
12.8.33	13 m. N. 60°W. from Lune Buoy.		Heavy spar.	9.8.33	19°24'N.	74°28'W.	Partly submerged log.
				4.8.33	33°44'N.	126°33'W.	Log, about 3 feet diameter, 50 feet long.

CHART OF THE WESTERN NORTH ATLANTIC.

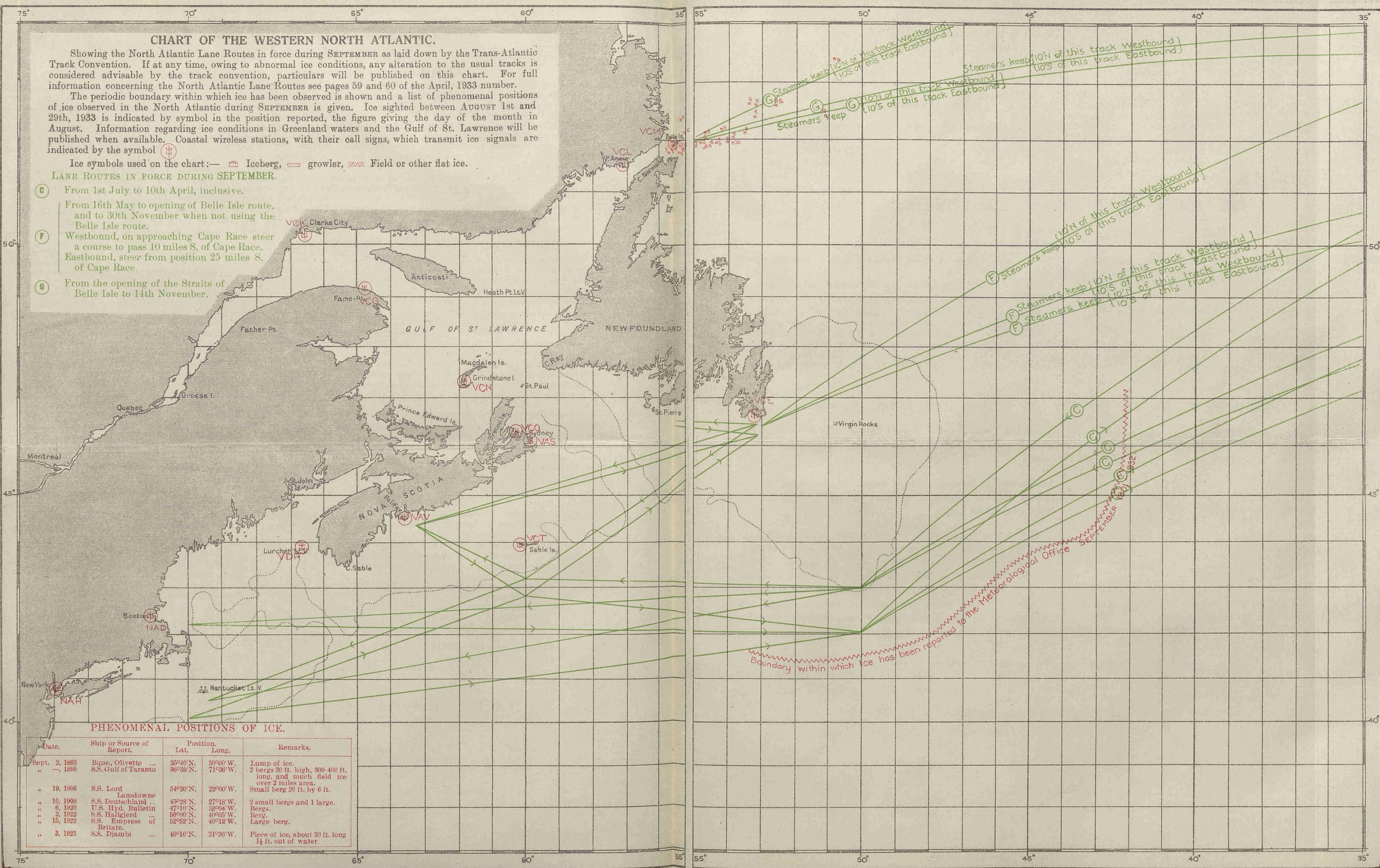
Showing the North Atlantic Lane Routes in force during SEPTEMBER as laid down by the Trans-Atlantic Track Convention. If at any time, owing to abnormal ice conditions, any alteration to the usual tracks is considered advisable by the track convention, particulars will be published on this chart. For full information concerning the North Atlantic Lane Routes see pages 59 and 60 of the April, 1933 number.

The periodic boundary within which ice has been observed is shown and a list of phenomenal positions of ice observed in the North Atlantic during SEPTEMBER is given. Ice sighted between AUGUST 1st and 29th, 1933 is indicated by symbol in the position reported, the figure giving the day of the month in August. Information regarding ice conditions in Greenland waters and the Gulf of St. Lawrence will be published when available. Coastal wireless stations, with their call signs, which transmit ice signals are indicated by the symbol \oplus .

Ice symbols used on the chart:— \square Iceberg, \square growler, XXXX Field or other flat ice.

LANE ROUTES IN FORCE DURING SEPTEMBER.

- (C) From 1st July to 10th April, inclusive.
- (F) From 16th May to opening of Belle Isle route, and to 30th November when not using the Belle Isle route.
- (G) Westbound, on approaching Cape Race steer a course to pass 10 miles S. of Cape Race. Eastbound, steer from position 25 miles S. of Cape Race.
- (G) From the opening of the Straits of Belle Isle to 14th November.



PHENOMENAL POSITIONS OF ICE.

Date.	Ship or Source of Report.	Position. Lat. Long.	Remarks.
Sept. 2, 1883	Boue, Olivette ...	35°40' N. 30°00' W.	Lump of ice.
" —, 1895	S.S. Gulf of Taranto	36°35' N. 71°36' W.	2 bergs 30 ft. high, 300-400 ft. long, and much field ice over 2 miles area.
" 19, 1906	S.S. Lord Lansdowne	54°20' N. 22°00' W.	Small berg 20 ft. by 6 ft.
" 10, 1908	S.S. Deutschland ..	45°28' N. 27°18' W.	2 small bergs and 1 large.
" 6, 1920	U.S. Hyd. Bulletin	47°10' N. 38°04' W.	Bergs.
" 2, 1922	S.S. Hallgjerd ...	50°00' N. 40°05' W.	Berg.
" 15, 1922	S.S. Empress of Britain.	52°52' N. 40°12' W.	Large berg.
" 3, 1923	S.S. Djambi ...	40°10' N. 31°36' W.	Piece of ice, about 30 ft. long 1 1/2 ft. out of water.

CORRECTIONS TO THE FLEET LIST

UP TO AUGUST 21st, 1933.

MADE SINCE PUBLICATION OF THE JULY, 1933 MARINE OBSERVER
AND SUPPLEMENT, No. 1, AUGUST, 1933.

Additions.		Deletions.		Alterations.			
Name of Vessel.	Met. Equipt.	Name of Vessel.	Met. Equipt.	Name of Vessel.	Met. Equipt.	Name of Vessel.	Met. Equipt.
City of Auckland..	S.	Delphic	M.	Clan Macneil ...	S.	to 255 *† Clan Macneil ...	S.
189 †† Ionic	S.	Manela	M.	189 *† Rother	S.	to Rother	M.-L.
Pacific Exporter...	S.	020 *† Tasmania ...	S.	255 *† Port Alma ...	S.	to Port Alma	M.-L.
020 *† Stirlingshire ...	S.						

NOTICES TO MARINE OBSERVERS.

INTERIM NOTICE

The Lists of wireless stations detailed to receive routine coded weather reports from "A" Selected Ships and to intercept routine coded weather reports from "B" Selected Ships published in the July 1933 "Marine Observer" are amended as follows:—

These amendments to take effect from August 1st, 1933.

Vol. X. No. III. (July 1933).

Page 101. In particulars for Portishead Station, in last column under "Notes", omit the following words:—"Radio Horta—Call

sign of ships to report through C.T.H. at schedule times on 2400 m."

Omit "Horta Azores" and all particulars relating thereto.

Page 103. Omit "Horta Azores" and all particulars relating thereto.

Selected Ships in the Eastern North Atlantic south of Latitude 38°N. should make their routine weather reports to C.Q., "A" Selected Ships on 2100 metres and "B" Selected Ships on 600 metres; remembering that not only are these reports required by other ships as an aid to navigation, but that wireless stations ashore listen at schedule times for British Selected Ships and pass the information to meteorological centres.

REPLENISHMENT OF STATIONERY ON BOARD OBSERVING SHIPS

In order that all observing ships may receive suitable supplies of stationery, the following forms are sent to them by post from the Air Ministry Publications Department monthly, according to the branch of work done by the ships, with the Marine Observer or Supplement.

Ships Meteorological Record	Form 911
Wireless Register	Form 138
Signal Pad	Form 139
Ice Report	Form 912
Blue Post Card... ..	Form 913

Sufficient of these forms are sent for recording and returning observations, allowing for observing ships being at sea upon an average of three weeks in four throughout the year.

The Meteorological Log and Original Note Book are replenished by the Port Meteorological Officers and Merchant Navy Agents as necessary.

Outline Charts, Barograph Forms, Forms for observation of Sea and Swell, &c., are supplied as necessary through the Port Meteorological Officers and Agents.

Some observing ships have found their monthly supply insufficient while others have found it too much. It will be a great assistance if principal observing officers will kindly notify the appropriate Port Meteorological Officer or Merchant Navy Agent, at the time when he makes his quarterly inspection of instruments, of any shortage; or if they will then return any stationery which is surplus to requirements to the Port Meteorological Office or Agency.

LATE NOTICES

The October Number will be published on September 27th, 1933

LONDON

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1933 Price 9d. Net