



Ice, Weather, and Sea Surface Temperature Reports



Between February 01 and July 31 ships are encouraged to immediately report sightings of icebergs or stationary radar targets (RT) that may likely be ice to International Ice Patrol (IIP). Through the remainder of the year ice reports should be directed to the Canadian Ice Service. Ships operating near the iceberg or sea ice limits are encouraged to make sea surface temperature (SST) and weather (WX) reports even if no ice is detected. Ships that provide routine WX reports to METEO WASHINGTON are urged to continue to do so. If SST and WX reports are not typically filed as described above, then special reports directly to IIP every 6 hours are requested when operating within the area between latitudes 40°N and 60°N and between longitudes 39°W to 57°W.

When reporting icebergs or stationary RT, please include the following information:

- SHIP NAME AND CALL SIGN
- SHIP POSITION (latitude, longitude)
- ICEBERG/RT POSITION (Specify either the geographic coordinates (latitude, longitude) or range/bearing from ship's stated geographic position (latitude, longitude))
- TIME OF SIGHTING (in UTC)
- METHOD OF DETECTION (Visual, Radar, or Both)
- SIZE AND SHAPE OF ICEBERG (see Tables 1 and 2)
- SEA ICE CONCENTRATION (In Tenths)
- SEA ICE THICKNESS IN FEET OR METERS (Specify Units)
- SEA SURFACE TEMPERATURE (Specify units)

When reporting sea surface temperature and weather, please include the following:

- SHIP NAME AND CALL SIGN
- TIME (in UTC)
- SHIP POSITION (latitude, longitude)
- COURSE
- SPEED
- VISIBILITY
- AIR AND SEA SURFACE TEMPERATURE (Specify Units)
- BAROMETRIC PRESSURE
- WIND DIRECTION AND SPEED

Make reports to:

METEO WASHINGTON

COMINTICEPAT NEW LONDON CT through INMARSAT-C (Service Code 42), U.S. Coast Guard Communications Stations, or Canadian Coast Guard Marine Communications and Traffic Services (MCTS).

The following Canadian MCTS locations monitor and transmit on frequencies VHF 16 & HF 2182 J3E. **Bold** indicates the Coast Guard Radio call sign.

St. Johns NLFD (VON)	St. Anthony (VCM)
Labrador (VOK)	Placentia (VCP)
Port aux Basques (VOJ)	Sydney Nova Scotia (VCO)
Dartmouth/Halifax Nova Scotia (VCS)	Saint John New Brunswick/ Fundy (VAR)

Instructions for sending INMARSAT Code 42 Warnings:

INMARSAT-C General Instructions

1. Access the 2-digit code service on SES as instructed in your manufacturer's information.
2. Using the SES text editor, prepare the message.
3. Enter the 2-digit code of the service required (42).
4. Select the CES (01, Vizada, AORW).
5. Transmit your message.
6. Wait for acknowledgment from the CES.
7. The message will be forwarded, at no charge, from the mariner to International Ice Patrol by Vizada Satellite Services.

TABLE 1: Iceberg Size

DESCRIPTION	HEIGHT	LENGTH
Growler	<1m	<5m
Bergy Bit	1-<5m	5-<15m
Small Iceberg	5-15m	15-60m
Medium Iceberg	16-45m	61-120m
Large Iceberg	46-75m	121-200m
Very Large Iceberg	>75m	>200m

TABLE 2: Iceberg Shape



1. Tabular: Flat-topped, most show horizontal banding.



2. Non-Tabular: Does not meet any of the below characteristics.



3. Domed: Smooth and rounded on top.



4. Pinnacled: Central spire or pyramid, with one or more spires.



5. Wedged: Steep vertical sides on one end, sloping to lesser sides on the other end.



6. Drydocked: Eroded such that a U-shaped slot is formed near or at water level, with twin columns or pinnacles.



7. Blocky: Flat-topped with steep vertical sides.

For more information about icebergs in the North Atlantic Ocean:



International Ice Patrol in New London, CT

Phone: (860) 271-2626
 Toll-free: (877) 423-7287
 Fax: (860) 271-2773
 Email: iipcomms@uscg.mil
 Web: <http://www.uscg-iip.org>

Coast Guard First District Command Center (After hours contact)

Phone: (617) 223-8555



Canadian Ice Service in Ottawa, ON

Phone: (877) 789-7733
 Fax: (613) 996-9160
 Email: cis-scg.client@ec.gc.ca
 Web: <http://ice-glaces.ec.gc.ca>



North American Ice Service

Automated E-mail Ice updates:
<http://cgls.uscg.mil/mailman/listinfo/north-american-ice-service>



United States Coast Guard