

**RADIO AIDS  
TO  
MARINE NAVIGATION  
(Atlantic and Great Lakes)**

**Annual Edition  
1997**

**CANADIAN COAST GUARD**

**Marine Communications and Traffic  
Services Directorate**

**IMPORTANT**

*This publication is revised on a monthly basis (when required)  
through Notices to Mariners Part III*

CA1  
DTB390 -  
R15E  
1997



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

Canada

PART III  
**MARINE COMMUNICATIONS AND TRAFFIC SERVICES CENTRES  
 PROVIDING COMMUNICATIONS AND SPECIAL SERVICES  
 CONTINUOUS YEAR ROUND EXCEPT AS NOTED**

**Marine Communications and  
 Traffic Services Centre:**

**THUNDER BAY**

**Call Sign:**

**VBA**

**Communications Sites  
 Serving the Great Lakes:**

Thunder Bay, Ontario	48 26 02N 89 18 06W
Horn, Ontario	48 49 08N 87 21 20W
■ Bald Head, Ontario	47 39 54N 84 47 36W
■ Sault Ste Marie Ontario	46 32 11N 84 35 00W
■ Silver Water, (Manitoulin Island) Ontario	45 54 05N 82 54 55W
■ Wiarton, Ontario	44 44 50N 81 06 44W
■ Meaford, Ontario	44 30 56N 80 34 00W
■ Tobermory, Ontario	45 09 42N 81 29 55W
■ Killarney, Ontario	45 58 05N 81 29 22W
- Operational April 1 to December 31.	
■ Pointe au Baril, Ontario	45 33 50N 80 19 18W

- Horn, Bald Head, Sault Ste Marie, Silver Water, Wiarton, Meaford, Tobermory, Killarney and Pointe au Baril are controlled from Thunder Bay/VBA. Call Thunder Bay Radio.
- Thunder Bay sites serving Lake Winnipeg and Hudson Bay are listed in the appropriate sections of this publication.

**Mailing Address:**

Fisheries and Oceans Canada  
 Canadian Coast Guard  
 Officer-in-Charge - MCTS  
 Suite 400 - 100 Main Street  
 Thunder Bay, Ontario  
 P7B 6R9

**Telephone Numbers:**

(807) 345-5190 MCTS Operations  
 (807) 345-4618 Officer in Charge

**Facsimile:**

(807) 345-2688

A VHF/DF advisory service is available for ships in difficulty in Georgian Bay from receiver sites located at Tobermory, Cape Crocker, Banks and Pointe au Baril. Position and/or bearing and distance information may be provided for use at the discretion of the recipient.

**MCTS Thunder Bay/VBA - Ship Shore Communications:**

SITES	Channel:	Frequencies:		Remarks
		Transmit:	Receive:	
Thunder Bay	Ch12 Ch16 Ch85*			Commercial vessels entering the Port of Thunder Bay are requested to contact Thunder Bay Coast Guard Radio on Ch12 when abeam of Welcome Islands and also when shifting berths or departing the harbour.
Horn	Ch16 Ch24*			
Bald Head	Ch16 Ch27*			
Sault Ste Marie	Ch11 Ch16 Ch24*			
Silver Water	Ch11 Ch16 Ch27*			
Warton	Ch16 Ch26*			
Meaford	Ch16 Ch85*			
Tobermory	Ch16 Ch24*			
Killarney	Ch16 Ch24*			<b>Operational April 1 - December 31.</b>
Point au Baril	Ch16 Ch26*			

- Horn, Bald Head, Sault Ste Marie, Silver Water, Warton, Meaford, Tobermory, Killarney, and Pointe au Baril are controlled from Thunder Bay/VBA. Call Thunder Bay Radio.

MCTS Thunder Bay/VBA - Broadcasts

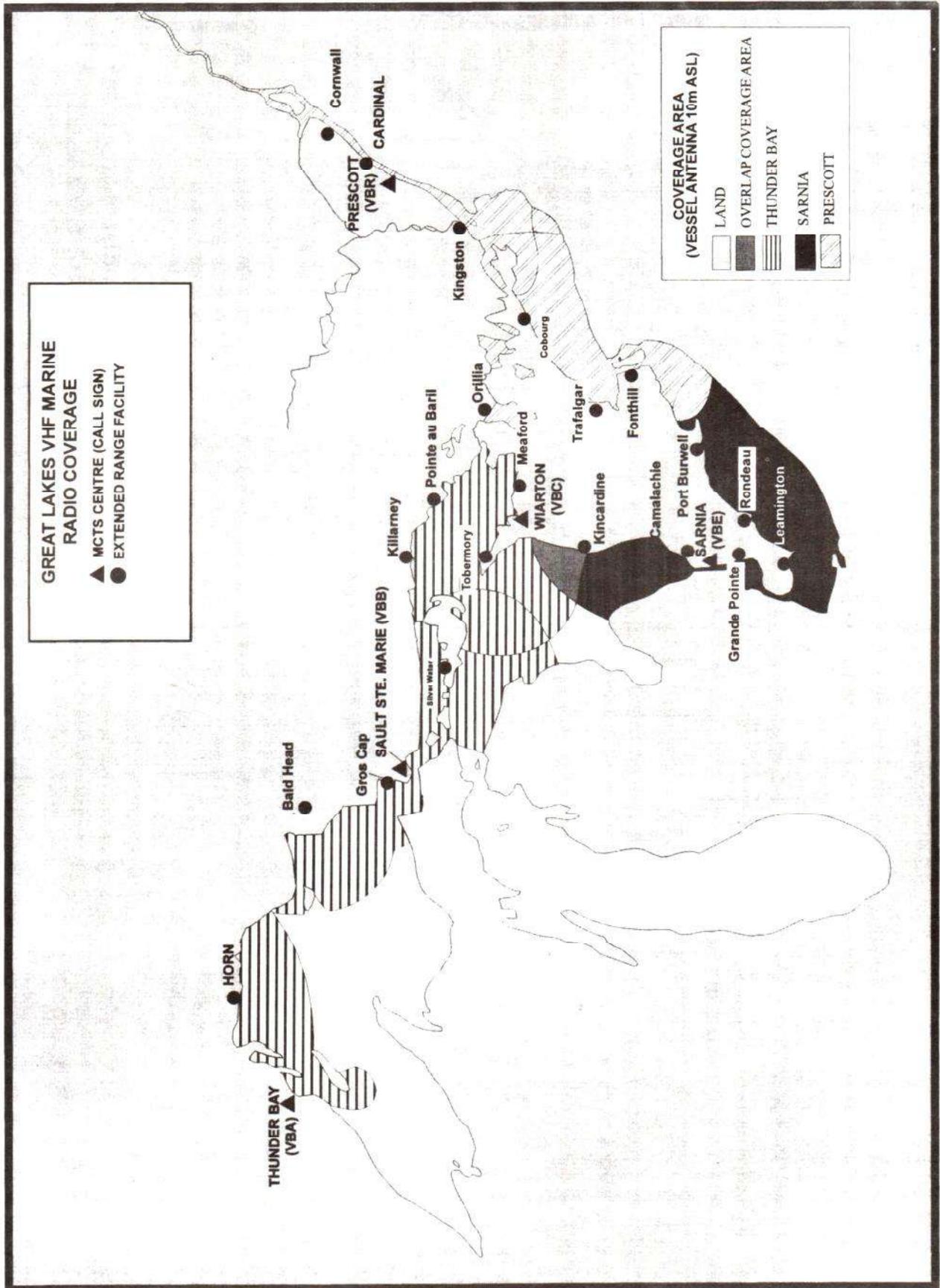
Time: UTC	Frequency	Contents
0230	518F1B	NAVTEX (P): - Weather.
0630	518F1B	NAVTEX (P): - Notices to Shipping - Ice (during ice season)
1030	518F1B	NAVTEX (P): - Weather.
1430	518F1B	NAVTEX (P): - Weather.
1830	518F1B	NAVTEX (P): - Notices to Shipping. - Ice (during ice season).
2230	518F1B	NAVTEX (P): - Weather.
Continuous (CMB West)	Ch21B Horn Sault Ste Marie  Ch83B Thunder Bay Bald Head	- Weather forecasts (MAFOR) for Lakes Superior and Huron, Georgian Bay (areas 83, 84, 85). - LAWEB broadcast for reporting points from Duluth (Lake Superior) to Killarney (Georgian Bay). - Current ship weather observations. - Notices to Shipping for Lake Superior and the St. Mary's River. - Water levels Lakes Superior and Huron.  <b>Note: When CMB is out of service, scheduled broadcasts will be made at Traffic List times.</b>
Continuous (CMB East)	Ch21B Tobermory Killarney Pointe au Baril  Ch83B Silver Water Meaford	- Weather forecasts (MAFOR) for Lakes Superior and Huron, Georgian Bay (areas 83, 84, 85) - LAWEB broadcast for reporting points from Sault Ste Marie to Sarnia and Georgian Bay. - Current ship weather observations. - Notices to Shipping for Lake Huron north of latitude 44 00N, Georgian Bay (including Port Severn Lock), the North Channel and the St. Mary's River. - Water levels Lakes Superior and Huron.  <b>Note: When CMB is out of service, scheduled broadcasts will be made at Traffic List times.</b>

MCTS Thunder Bay/VBA - Traffic Lists

Time: UTC	Frequency:	Sites:
0145 UTC then every 4 hours.	Ch24	<b>RADIOTELEPHONY:</b> - Horn - Sault Ste Marie - Tobermory - Killarney
	Ch26	- Bald Head - Wiarton - Pointe au Baril
	Ch27	- Silver Water
	Ch85	- Thunder Bay - Meaford

**PART III  
VESSEL TRAFFIC SERVICES  
GREAT LAKES (INCLUDING RIVER ST. LAWRENCE TO MONTREAL)**

1	2	3	4		5	6	7
Station Name Coordinates Call Sign	Class of Service	Channel	Frequencies			Broadcast Time PST & Content	Remarks
			Transmitting	Receiving			
<b>SEAWAY NEWCASTLE ST. CATHARINES, ONT.</b> 43 13 01 N 79 12 53 W VDX 70	SC	16 11	(156.8)F3E (156.55)F3E	(156.8) (156.55)			Operated by Seaway Authority. Ship traffic control only. Reports respecting dangers to navigation as required.
<b>SEAWAY LONG POINT PORT COLBORNE ONT.</b> 42 53 15 N 79 14 57 W VDX 68	SC	16 11	(156.8)F3E (156.55)F3E	(156.8) (156.55)			Operated by the Seaway Authority. Ship traffic control only.
<b>THUNDER BAY, ONT.</b> 48 24 24 N 89 13 22 W VDX 30	SC	16 12 14	(156.8)F3E (156.6)F3E (156.7)F3E	(156.8) (156.6) (156.7)			Vessels entering Thunder Bay Harbour are requested to contact Thunder Bay Harbour call sign "VDX30" on CH12 when abeam of Welcome Islands and also when shifting berths or departing the harbour. This station is operated for the sole purpose of the Thunder Bay Harbour Commission on a 24-hour basis during the navigation season, and also operations a taped code-a phone for vessel location service in compliance with the regulations all "traffic of a commercial nature" must be channeled through the Thunder Bay/VBA Coast Guard Radio.



Atlantic English/Map 8