



# 37<sup>th</sup> MARBLEHEAD-TO-HALIFAX OCEAN RACE - 2017

## - Attachment 3 to the Sailing Instructions -

### Boat Communications and

### Manoeuvring Instructions – Halifax Harbour Rev 1

Boats are reminded that as a major shipping port and navy base, Halifax frequently experiences heavy shipping traffic. Such vessels are restricted in their manoeuvrability and are required to follow the shipping lanes, thus under IPCAS Rule 9 b) & d) they have right of way.

In order to control traffic in busy waterways like Halifax Harbour, the Canadian Department of Fisheries and Oceans has instituted a Vessel Traffic Services system. The Halifax Vessel Traffic Services (VTS) is operated by Halifax Traffic Control (HTC) under the call sign "Halifax Traffic".

The VTS comprises all waters in an area bounded by a line from

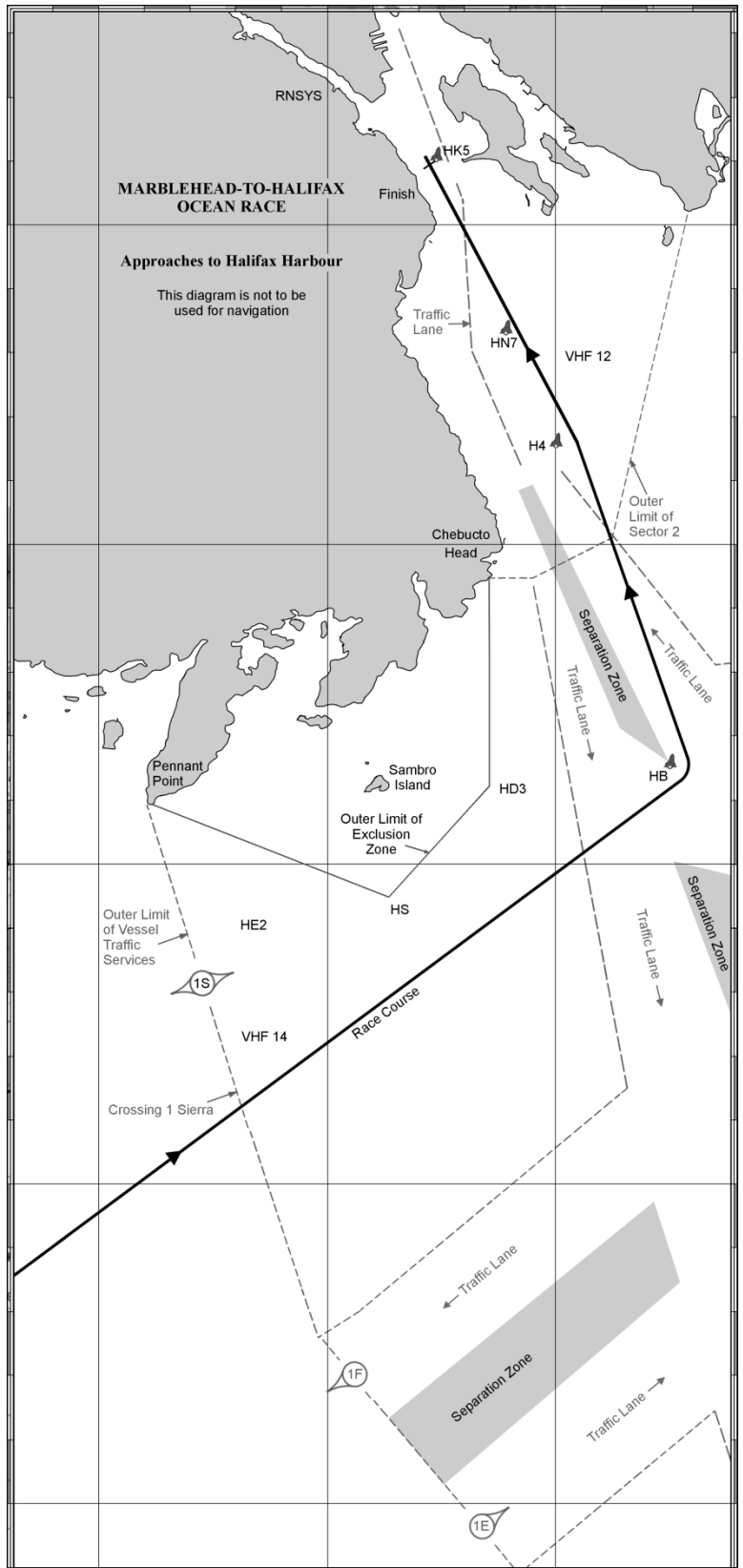
| Location        | Latitude N  | Longitude W |
|-----------------|-------------|-------------|
| Point Pennant   | 44°25'53.8" | 63°38'56.5" |
|                 | 44°17'41.3" | 63°35'09.6" |
|                 | 44°14'02"   | 63°30'50.3" |
|                 | 44°22'43.5" | 63°13'48.5" |
| Petpeswick Head | 44°40'43.3" | 63°09'44.2" |

All or part of this boundary can be found on Canadian Charts L/C 4385 and L/C 4320, as well as the accompanying course diagram. Note that all positions and diagrams are for guidance only. Boats are responsible for their own navigational needs.

VTS is divided into an outer sector, Sector 1 and an inner sector, Sector 2. Communications between Halifax Traffic and vessels is on VHF 14 in Sector 1 and VHF 12 in Sector 2. The boundary separating the sectors is a line from

| Location                      | Latitude N  | Longitude W |
|-------------------------------|-------------|-------------|
| Hartlen Point                 | 44°35'20.5" | 63°27'05.8" |
|                               | 44°30'13.8" | 63°28'46.7" |
| Duncan Reef light buoy, H1    | 44°29'36"   | 63°30'34"   |
| the shore west of Duncan Reef | 44°29'36"   | 63°31'28.1" |

Ships are required to report at a number of Calling in Points which are shown on the charts. Table 1 at the end of this attachment lists the Calling-in-Points.



# Communications and Manoeuvring Instructions at Halifax and Approaches

## 1 ENTERING VTS SECTOR 1

- 1.1 On approach to Sector 1, the boat shall maintain a radio watch on VHF 14.
- 1.2 Immediately before entering the VTS the boat shall contact "Halifax Traffic" on VHF 14 and identify herself.
- 1.3 Upon acknowledgement from HTC, the boat shall state that she is "Competing in the sailboat race from Marblehead" and:
  - (a) If entering the VTS by crossing the western limit of the sector state that she is at "Crossing 1 Sierra", or
  - (b) State the nearest entry Calling-in-Point.
- 1.4 The boat shall reply to any communications from HTC, pilots or masters of commercial vessels.
- 1.5 The boat shall follow any action directed by HTC, pilots or masters of commercial vessels.
- 1.6 If possible, the boat should also monitor VHF 12.

## 2 ENTERING VTS SECTOR 2

- 2.1 Upon entering Sector 2, the boat shall maintain a radio watch on VHF 12.
- 2.2 The boat shall reply to any communications from HTC, pilots or masters of commercial vessels.
- 2.3 The boat shall follow any action directed by HTC, pilots or masters of commercial vessels.
- 2.4 If possible, the boat should also monitor VHF 14.

## 3 FINISH

- 3.1 The finishing line vessel will be Windscape, a 44' catamaran, and she will be transmitting her position on AIS. Failure of Windscape, or any other finishing line vessel to be on station or to be transmitting on AIS will not be grounds for redress.
- 3.2 While crossing the finishing line, the boat should hail the finishing line vessel on VHF 72 and identify herself.
- 3.3 After clearing the finishing line the boat shall call HTC on VHF 12 to indicate that she is commencing passage to RNSYS.

## SUMMARY OF VHF CHANNELS

- VHF **11** - In lieu of Ch 12 for non traffic-regulating communications during busy periods; e.g. to request weather information.
- VHF **12** - Traffic Control in VTS Sector 2. This is restricted to reports required by VTS Regulations, e.g. clearances, reports at calling in points, etc.
- VHF **14** - Traffic Control in VTS Sector 1. This is restricted to reports required by VTS Regulations, e.g. entry report, clearances, reports at calling in points, etc.
- VHF **68** - Communication with RNSYS Harbourmaster and launches after clearing customs and inspections.
- VHF **69** - Communication with the race Harbourmaster for instructions after finishing.
- VHF **72** - Boat identification to Committee as the finish line is crossed.

## EMERGENCY CONTACT NUMBERS

- VHF **16** – Make a distress, urgency, safety or medical request call using proper radiotelephone procedures.
- Telephone (US waters) – U.S. Coast Guard Rescue Coordination Centre Boston:
  - 1-617-223-8555
- Telephone (Canadian waters) – Joint Rescue Coordination Centre Halifax:
  - 1-800-565-1582 or
  - 1-902-427-8200
  - \*16 on a mobile phone

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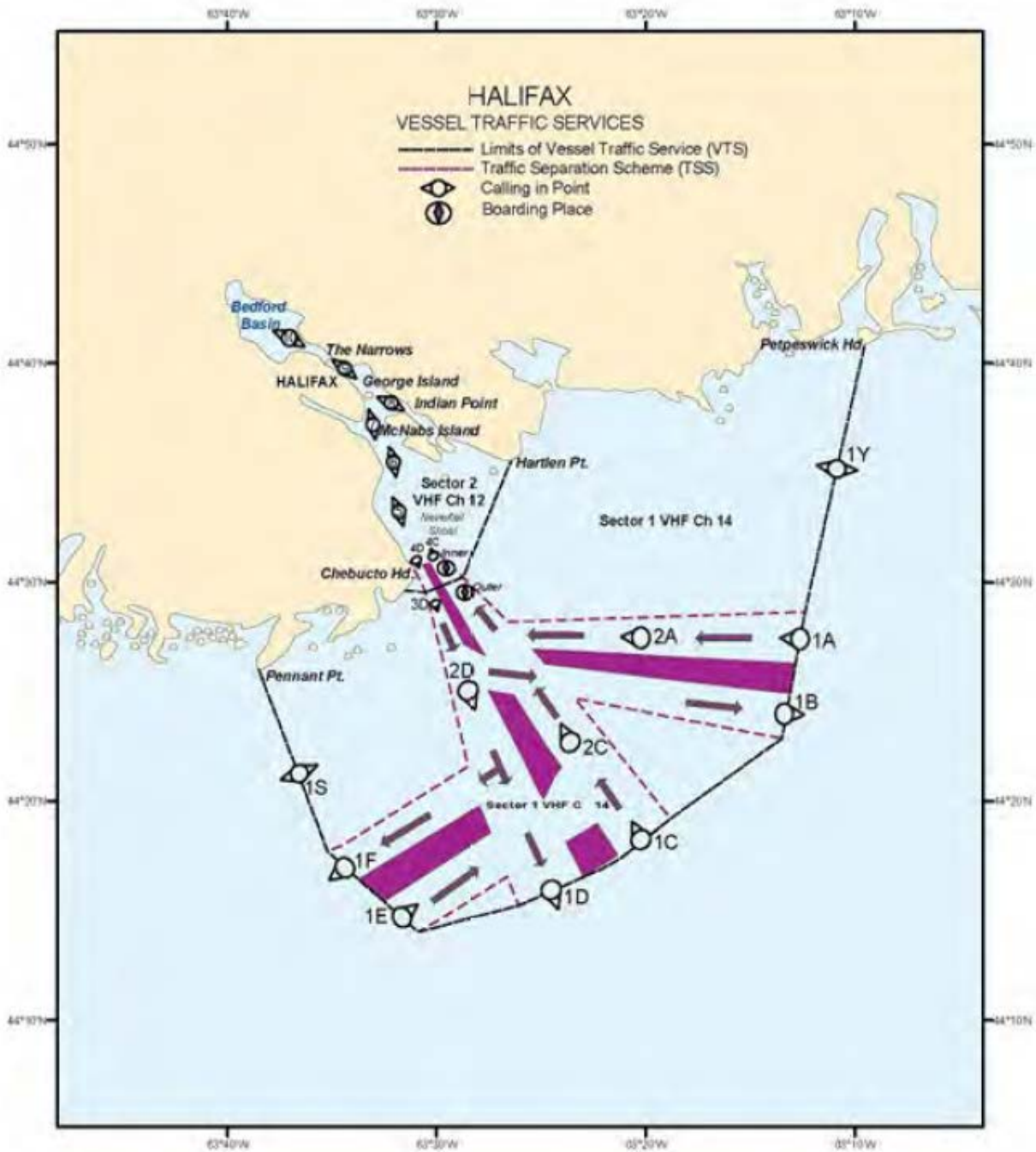
## APPROACHING RNSYS

After finishing, the boat should contact the RNSYS Dockmaster on VHF 69 for entry assistance and berthing instructions.

**Table 1 - Calling-In-Points for Halifax Harbour and Approaches**

| Number | Sector | Name | General Description and Conditions        | Geographic Description   |
|--------|--------|------|---|--|
| 1A     | 1      |      | Boundary limit. Entrance to traffic lane. | A point at 44°27'35.6"N 063°12'42.6"W.                                     |
| 2A     | 1      |      | Inward traffic only.                      | A point at 44°27'39.3"N 063°19'37.6"W.                                     |
| 1B     | 1      |      | Boundary limit. Traffic lane exit.        | A point at 44°23'42.7"N 063°13'35.2"W.                                     |
| 1C     | 1      |      | Boundary limit. Entrance to traffic lane. | A point at 44°18'13.2"N 063°19'57.3"W.                                     |
| 2C     | 1      |      | Inward traffic only.                      | A point at 44°22'44.6"N 063°23'21"W.                                       |
| 1D     | 1      |      | Boundary limit. Traffic lane exit.        | A point at 44°15'46.2"N 063°24'26.4"W.                                     |
| 2D     | 1      |      | Outward traffic only.                     | A point at 44°24'14"N 063°28'09.1"W.                                       |
| 1E     | 1      |      | Boundary limit. Entrance to traffic lane. | A point at 44°14'47.8"N 063°31'44.4"W.                                     |
| 1F     | 1      |      | Boundary limit. Traffic lane exit.        | A point at 44°17'07"N 063°34'29"W.   |
| 1S     | 1      |      | Western limit zone.                       | A line joining: 44°25'53.8"N 063°38'56.5"W and 44°17'41.3"N 063°35'09.6"W. |

| Number | Sector | Name                    | General Description and Conditions   | Geographic Description   |
|--------|--------|-------------------------|--|--|
| 1Y     | 1      |                         | Eastern limit of zone.   | A line joining: 44°40'43.3"N 063°09'44.2"W and 44°28'42.3"N 063°12'27.6"W.                                     |
| 3D     | 1      |                         | Outward traffic only.  | A point at 44°28'12.6"N 063°29'45.9"W.   |
| 4C     | 2      | Inner Automatic Inward  | Vessels inward shall state whether passing east or west of Neverfail Shoal buoy. | A point at 44°31'31.9"N 063°30'31.6"W.   |
| 4D     | 2      | Inner Automatic Outward | Vessels shall state course and ETA to 3D.  | A point at 44°31'15.2"N 063°31'16.1"W.   |
| 5      | 2      | Neverfail Shoal         |  | A line joining points at: 44°34'47.8"N 063°27'34"W; 44°33'23.2"N 063°31'51.9"W and 44°32'59.3"N 063°33'04.6"W. |
| 6      | 2      | Maugher Beach light     | Vessels outward shall state if passing east or west of Neverfail Shoal buoy.     | A line joining: 44°36'07.7"N 063°32'02.5"W and 44°35'50.2"N 063°33'04.7"W.                                     |
| 7      | 2      | Ives Knoll              | Vessels inward shall state whether passing east or west of Georges Island.       | A line joining light buoy "HT2", 44°37'50.2"N 063°32'44.7"W; 44°37'33.9"N 063°33'34.7"W.                       |
| 8      | 2      | Indian Point            |  | A line joining: 44°37'37.9"N 063°31'48.8"W and 44°37'59.1"N 063°31'31.8"W.                                     |
| 9      | 2      | Ferry Track             | Vessels outward shall state whether passing east or west of Georges Island.      | A line joining: 44°39'47.3"N 063°34'09.9"W and 44°39'23.7"N 063°34'38.4"W.                                     |
| 10     | 2      | Bedford Basin           |  | A line joining: 44°40'18.9"N 063°37'25.6"W and 44°41'22.6"N 063°36'58.3"W.                                     |



This diagram is not to be used for navigation