

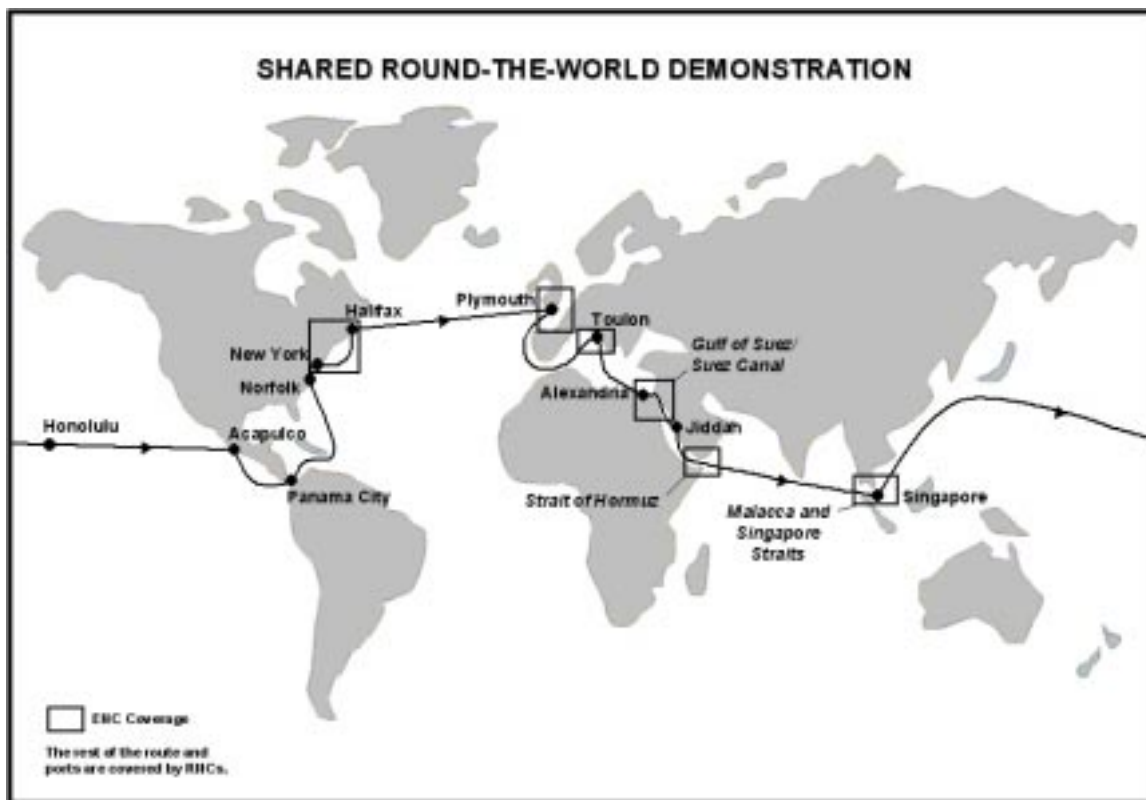
12th CHRIS MEETING
Valparaiso, Chile, 23-25 October 2000

SHARED PROGRAMME ACTIVITIES UPDATE
July 2000

SHARED ROUND-THE-WORLD DEMONSTRATION

The Republic of Singapore Navy vessel 'RSS Endurance' departed Singapore on 5th May 2000 to circumnavigate the world. It is one of the first vessels using official Electronic Navigational Charts (ENCs) and Raster Navigational Charts (RNCs) with an Electronic Chart Display and Information System (ECDIS) that has the capability to accept incremental ENC updates at sea. 'RSS Endurance' is scheduled to return to Singapore on 2nd September 2000.

The route covered by the Demonstration is shown below:



The Hydrographic Offices (HOs) providing official ENC and ENC updates are:

<u>ENCs Coverage</u>	<u>Provided By the Hydrographic Office of</u>
Singapore	Singapore
New York	United States of America
Halifax	Canada
Plymouth	United Kingdom
Toulon	France
Alexandria	United Kingdom
Gulf of Suez	United Kingdom
Strait of Hormuz	United Kingdom
Malacca and Singapore Straits	Indonesia, Malaysia, Singapore

RNCs of the areas not covered by ENCs are supplied by the United Kingdom Hydrographic Office (UKHO).

The MS Windows-based ECDIS used for the demonstration was supplied by Singapore Computer Systems Pte Ltd and SevenCs GmbH.

UPDATES

Updates for the ENCs and RNCs are being sent to the RSS Endurance on a regular basis. The schedule for the incremental updates is as follows:

<u>Date Sent</u>	<u>Update Sent by Email via INMARSAT to RSS Endurance</u>
10 May 2000	Singapore ENC (SG5CONTL.001)
24 May 2000	Singapore ENC (SG5ERAF.001)
7 June 2000	Singapore ENC (SG5CONTL.002)
21 June 2000	Singapore ENC (SG5CONTL.003)
5 July 2000	Singapore ENC (SG5EJURG.001)
8 July 2000	Canada ENC (CA576004.001)
19 July 2000	Singapore ENC (SG5ERAFF.001)

<u>Date Sent</u>	<u>Update Sent by Mail to RSS Endurance</u>
8 May 2000	UKHO ENC
10 May 2000	UKHO ENC
8 June 2000	UKHO ENC
19 June 2000	UKHO ENC
22 June 2000	US ENC (US5NY1CE.000, US5NY1DE.000, US5NY1EE.000)
27 June 2000	UKHO ENC
30 June 2000	UKHO ENC
5 July 2000	UKHO ENC
17 July 2000	UKHO ENC
20 July 2000	UKHO ENC

In addition to these ENC updates, ARCS updates are also being sent to RSS Endurance on a weekly basis by courier.

FEEDBACK

Feedback from the Navigation Officer aboard RSS Endurance has been positive and encouraging.

PUBLICITY

As part of the publicity for this Demonstration, the Hydrographic Department of the Maritime and Port Authority of Singapore (MPA) has printed flyers highlighting the SHARED Programme. They are being to the SHARED Programme's participants, at each port-of-call, and at various hydrographic conferences.

Details of the Demonstration have been included in the SHARED Programme website: http://www.mpa.gov.sg/homepage/shared/round_world/rtwd.html.

RECEPTION AT PORTS-OF-CALL

At each port-of call, officers from the respective HOs were invited to a cocktail reception aboard the RSS Endurance. This allowed the hydrographic community to obtain first-hand feedback on the usefulness of dual-fuel official data from the crew of RSS Endurance.

SHARED PROGRAMME WEBSITE

Effective from June 2000, the internet address of the SHARED Programme Website has been changed to <http://www.mpa.gov.sg/homepage/shared/shared.html>. The new internet address reflects the higher priority that has been given to the Programme.

New information has also been posted on the Website. The updates include information on the SHARED Round-the-World Demonstration under the "What's New?" header.

ECDIS SEA TRIAL BETWEEN JAPAN AND REPUBLIC OF KOREA

As adopted at the 11th Annual Hydrographic Technical Meeting between Japan and the Republic of Korea, a Kameria Line vessel has been fitted with a Tokimec ECDIS. The vessel plies the route between Hakata and Pusan ports regularly. She will be using both Japanese ENCs (3002) and Korean ENCs. National Oceanographic Research Institute (NORI) and Korea Ocean Research and

Development Institute (KORDI) are finalising the details and this Joint Sea Trial is scheduled to commence in July 2000.

SINGAPORE HYDROGRAPHIC VESSELS

At present, all five of MPA's Hydrographic Department vessels have been fitted with Singapore Computer Systems ECDISs with Singapore ENCs. This includes the two hydrographic survey vessels as well as the new multi-purpose vessel, Mata Ikan, which was commissioned in June 2000 and equipped with a touch-screen ECDIS. The ECDIS is being used for navigation as well as to facilitate hydrographic surveys and buoy laying.

2ND EIHC AND 5TH WEND MEETINGS

The 2nd EIHC and the 5th WEND Meetings were held in Monaco from 16th to 23rd March 2000. At the Meeting, China re-affirmed its support and indicated that several of its ports were being identified for incorporation into the Programme. India and Portugal similarly voiced their support and requested invitations to the 4th SHARED Programme Meeting.

It was agreed that the SHARED Programme would continue to be submitted to the WEND Committee. However, its adoption as a sub-committee or working group would be further considered at the next WEND meeting in May 2001.

4TH SHARED PROGRAMME MEETING

The 4th SHARED Programme Meeting is tentatively scheduled to be held on 28th and 29th November 2000. Additionally, an Electronic Chart Data Integration Workshop will be incorporated into the schedule. Singapore will host the Meeting and participation by SHARED Programme members will be appreciated.

Afternote: The dates of the 4th SHARED Programme Meeting have been changed from 28th and 29th November 2000 to **14th and 15th November 2000**.