Paper for Consideration by HSSC7

[Update of DRTC (Digital reference tool for cartographers)]

Submitted by:	Republic of Korea
Executive Summary:	Introduce the progress of updates and improved contents on DRTC, which is provided via IHO website
Related Documents:	S-57 APPENDIX B.1 Annex A, S-4
Related Projects:	None

Introduction / Background

In order to support efficient nautical chart production in response to the fast-changing chart production system and to make use of it as a training reference tool in the delivery of capacity building programmes, ROK developed the Digital Reference Tool for Cartographers (DRTC). This S/W has been provided to IHO member states via IHO website. This paper introduces the progress of updates and improved contents on DRTC since the 6th HSSC meeting.

Progress of major updates

ROK developed a software tool (DRTC 1.) where documents relating to nautical chart publication are integrated and there are efficient functions. The tool has been provided via IHO website since 2013. In 2014, the DRTC was updated to introduce changes of IHO standards and required functions as the version number 1.1 as below:

- Updated in accordance with the revised S-57 UOC: S-57 IHO Transfer Standard for Digital Hydrographic Data, November 2000 - Main Document, Appendix B.1, Annex A - Use of the Object Catalogue for ENC - UOC (Ed. 4.0.0 Feb 2014)
- S-4 being updated in HTML file group, not PDF format.
- The digital version S-57 Object Catalogue/Attribute Catalogue being updated reflecting S-57 Supplement No 3 to Edition 3.1 (June 2014 - incorporates the former Supplement No 2).
- The DRTC video clip being updated.

Location and content of DRTC download page

IHO established the link information on DRTC download page to make cartographers access and download the DRTC easily.
- S-100WG page
- ENCWG page
- NCWG page

DRTC download page contains the list and version number of IHO standards included in the DRTC, relevant images and introduction video clip on DRTC. Information and major changes of DRTC 1.1, which was developed to improve the DRTC .1.0 can be checked in the page.

Major changes of DRTC 1.2

ROK has identified user requirements in terms of contents and functions of DRTC and updated as below:
- Development of S-4 DB on French language (HTML format)
- User defined function on S-4 between English and French
- Supplement of ENC symbol cases within real ENCs, which is connected the UOC

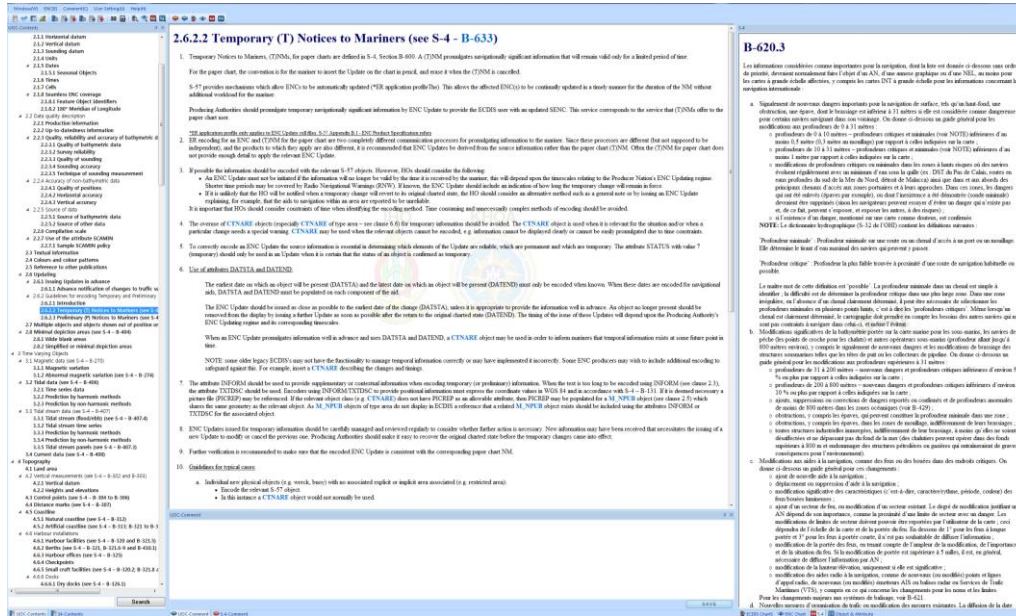- Advanced development on ENC module

Figure 1. DRTC 1.2 including the French version S-4

Action Required of HSSC

The HSSC is invited to:

a. take note of this initiative;

b. provide feedbacks or recommendations on the Digital reference tool for cartographers.