



Hydrographic Services and Standards Committee

Update of DRTC (Digital Reference Tool for Cartographers)

HSSC7-08INF3

KHOA

Introduction

- ✦ **DRTC: Digital Reference Tool for Cartographers**
 - Digital documents relating to nautical chart publication are integrated and there are efficient functions.
 - S-57 UOC, S-4(HTML), S-57 Catalogue etc ...
 - Download from IHO website such as S-100WG, ENCWG, NCWG
 - Since 2013



Major changes of DRTC v1.2

- ✦ Development of S-4 DB on French language(HTML)
- ✦ 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



Demonstration

Digital Reference Tool for Cartographer 1.2 (beta)

Window(W) ENC(E) Comment(C) User Setting(U) Help(H)

S4-Contents

B-433 LEADING AN
B-433.1
B-433.2
B-433.3
B-434.4
B-435.7
B-441.2
B-443.5
B-444.6
B-445.12
B-445.2
B-445.4
B-445.9
B-447 AQUACULTI
B-447.6
B-450 AIDS TO NA
B-450.1
B-450.2
B-450.3
B-450.5
B-451 AUDIBLE (SC
B-452.8
B-456.4
B-457 LIGHT BEAC
B-457.1
B-457.2
B-457.3
B-460.4
B-460.5
B-461.3
B-462 SHAPES OF I
B-462.1
B-462.8
B-462.9
B-464 COLOUR OF
B-466 LIGHTED BU
lights

11.2 Maritime jurisdiction areas (see S-4 – B-440)

Figure 14 – Maritime jurisdiction areas

Clauses 11.2.1 to 11.2.8 below provide guidance for the encoding of maritime jurisdiction areas. Occasionally, these “areas” may actually be defined as linear due to international treaties, or the areas may not be fully defined and it may therefore be necessary to encode the boundary as a linear feature. Table 3.1 of the ENC Product Specification (S-57 Appendix B.1) defining objects permitted for use in ENC and their geometric primitives does not allow many of the object classes relating to maritime jurisdiction areas to be encoded as type line.

If it is required to encode a linear maritime jurisdiction feature, it must be done using the corresponding object class as outlined below. If

S-4-Comment

SAVE

U. U. S. UOC-Comment S-4-Comment

ECDIS Chart1 ENC Chart S-4 Object & Attribute

B-452.8

Type of signal not stated. In these cases, the magenta symbol R1 (oriented and placed as necessary for clarity) must be shown on the appropriate scale charts (see B-451.1). Examples of its use, alone or in conjunction with other aids to navigation are given below:

Alone With floating navigational aids With shore lights

B-452.8

Type de signal non précisé. Dans ces cas, le symbole en magenta R1 (orienté et placé comme il convient pour la clarté) doit être porté sur les cartes d'échelle appropriée (voir B-451.1). Des exemples de son emploi, seul ou avec d'autres aides à la navigation, sont donnés ci-dessous :

Seul Avec des aides à la navigation flottantes Avec des feux à terre



Action required of HSSC

- ✦ The HSSC is invited to:
 - a. Take note of this initiative
 - b. Provide feedbacks or recommendations on the DRTC

