



IHB File No. S3/8162

CIRCULAR LETTER 62/2006
18 September 2006

IHO DATA PROTECTION SCHEME S-63

Proposals:

**New IHO Technical Resolution A3.12 (ENC Encryption)
Revision of IHO Technical Resolution K2.19 (WEND Principles)**

- References:
- A. Circular Letter 31/2006 dated 20 March 2006
 - B. Technical Resolution K2.19 (WEND Principles), Publication M-3.

Dear Hydrographer,

The CL in Reference A. above solicited Member States' approval of a proposed Technical Resolution stating that S-63 was the IHO recommended data protection scheme and should be used by those Member States who have resolved to encrypt their ENC data. The IHB is grateful to the 34 MS who responded. The proposal received the overwhelming support of those Member States who voted, with 33 positive votes (only one MS disapproved the Technical Resolution on the grounds that they do not intend to encrypt their ENCs), but failed to get the required number of responses for approval (37).

However, informal conversations during the voting period indicated a more appropriate solution would be to revise the wording of the proposed Technical Resolution and propose a change to the WEND Principles, as contained in TR K2.19. The matter was referred to the 10th WEND meeting for further action. After discussion, the meeting agreed on the following:

1. To keep in TR 3.12 only the first two paragraphs of the text which was proposed to MS in CL 31/2006, i.e.:
 - (a) It is resolved that the IHO Data Protection Scheme, as described in Publication S-63, is the IHO recommended security scheme for ENCs.
 - (b) It is further resolved that the IHB, as the IHO Secretariat, will act as Scheme Administrator for S-63.
2. To move the third paragraph to TR K2.19, as a revision of WEND Principle 2.11 with the wording amended as follows:

"Member States should work together so that the IHO Data Protection Scheme (S-63) is used for ENC distribution to end users, to ensure data integrity, to safeguard national copyright in ENC data, to protect the mariner from falsified products, and to ensure traceability."

Member States are requested to consider the inclusion of a new IHO Technical Resolution A3.12 (ENC Encryption) in Publication M-3 *Resolutions of the International Hydrographic Organization* and the revision of TR K2.19 (WEND Principles), and to complete the Response Form at **Annex A**, to be returned to the IHB **by 15 December 2006**.

On behalf of the Directing Committee
Yours sincerely,

A handwritten signature in black ink, appearing to read 'K. Barbor', with a long horizontal stroke extending to the right.

Rear Admiral Kenneth BARBOR
Director

Annex A: Response Form

IHO DATA PROTECTION SCHEME S-63

Proposals:
New IHO Technical Resolution A3.12 (ENC Encryption)
Revision of IHO Technical Resolution K2.19 (WEND Principles)

*(to be returned to the IHB by 15 December 2006
E-mail: info@ihb.mc - Fax: +377 93 10 81 40)*

Member State:

In accordance with the recommendation by the IHO WEND Committee at its 10th Meeting (September 2006),

1. Do you approve the inclusion of a new Technical Resolution A3.12, relating to the IHO Standard S-63 *IHO Data Protection Scheme*, in IHO Publication M-3 *Resolutions of the International Hydrographic Organization*, with the following wording:

“A3.12 ENC ENCRYPTION

- (a) It is resolved that the IHO Data Protection Scheme, as described in Publication S-63, is the IHO recommended security scheme for ENCs.
- (b) It is further resolved that the IHB, as IHO Secretariat, will act as Scheme Administrator for S-63.”

YES

NO

2. Do you approve the revision of TR K2.19 by amending the wording of WEND Principle 2.11 as follows:

“Member States should work together so that the IHO Data Protection Scheme (S-63) is used for ENC distribution to end users, to ensure data integrity, to safeguard national copyright in ENC data, to protect the mariner from falsified products, and to ensure traceability.”

YES

NO

Comments :

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Name/Signature: Date: