Deres ref : IEC62288:2014-Echo   *Vår ref : prc*   *Dato* August 19.02.2018

Product change note: Navigation Echosounders

Products involved:

➢ EN101C-SA GDS101 Single channel Echosounder
➢ EN102C-SA GDS102 Dual channel Echosounder

Issue description

From August 2016 A new version of regulation for display IEC62288:2014 Became obligatory on new vessels. This standard changed a number of systems, and this included all systems with alarms. A newer alarm methodology more suited for integration and remote alarm handling became obligatory in standard IEC62288:2014 through IMO res MSC302(87)
To keep Wheelmark approval of the echosounders the following changes were made

1. ALF/ACN handling was added for Category A alarms.
2. The Deep water Alert was removed, as this gives over complicated alarm handling.
3. Some changes were made in graphics and colouring to fit the new standards
4. NMEA input filtering and coms screen colouring of incoming messages are changed to meet the standard

Action taken:

- New Multi/Mini products (ESN100 / ESN200), have full handling of all parts of the ALF/ACN standard
- GDS products listed in 'Products Involved' follow the standard, and have a single Category A Shallow water alarm implemented with software >= SW-G006-1.13.0 for GDS102 and SW-G010-5.6.01
- For older vessels the user can select a category A or category B alarm handling on screen 13.

Best regards
SKIPPER Electronics AS.

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