1.Deep alarm button removed on screen 1

2.Deep alarm ID setting removed from screen 13

3.Deep alarm functionality removed from all screens

4.On Screen 10 "ALR" option text is changed o to "ALARM"

5.Red text “ALARM” is flashing if unacknowledged alarm conditions

6.Large "S" in the lower part of the screen when demo mode is activated

"Demo" text is not blinking anymore

7.Text of alarm handling button type is changed to

ALR (A) = CAT (A),

ALR (B) = CAT (B),

ALF

8.If ALF option is selected, ALF messages are sent when the shallow alarm status changes (ref IEC61924)

9.If ALF option is selected, ALC message is being sent every 30 seconds (ref IEC61924)

10.If ALF option is selected, then ACN is accepted as a request to repeat the ALF. (Q-command, ref IEC61924)

11.If ALF option is selected, then ACN is accepted for silencing the audio alarm for 30 seconds (S-command, ref IEC61924)

The audio alarm will restart after 30 seconds if the alarm has not been acknowledge before that

If the new ACN S-command is sent within these 30 seconds, the silence period is reset to the new 30 seconds again.

Note, 30 seconds pause is a non-standard Skipper feature

13.If ALF option is selected, then the remote acknowledgement by ACN A-command is not allowed.

14.Fix bug that alarm only beeps 2 times the first time it beeps (3 afterwards), should always be 3

15.On the GPS and Gyro /ROT information. The font size is >= 3.5mm

16.If the screen is dimmed below the basic visibility, then when alarm sounds, the backlight is increased to the predefined value.

17.Integrity check is added to the messages

GGA,

GLL,

THS,

RMC,

VTG

 According to IEC 61162

RMA message is removed from the processing list

The invalid and low integrity messages are indicated on the yellow background.

18. Auto range bug fix – it is operative on both channels now.

19.Deep alarm removed from the status screen.

20.Alarm ID is changed from 16bit to 32bit – according to the standard.

21. Alarm category default is changed to ALF.

22. Audio alarm default is changed to on

23. It is not possible to disable Audio alarm, if alarm category is ALF

24. Alarm messages (on NMEA outputs) are ON by default.

25.Alarm can be acknowledged by the disabled softkey.