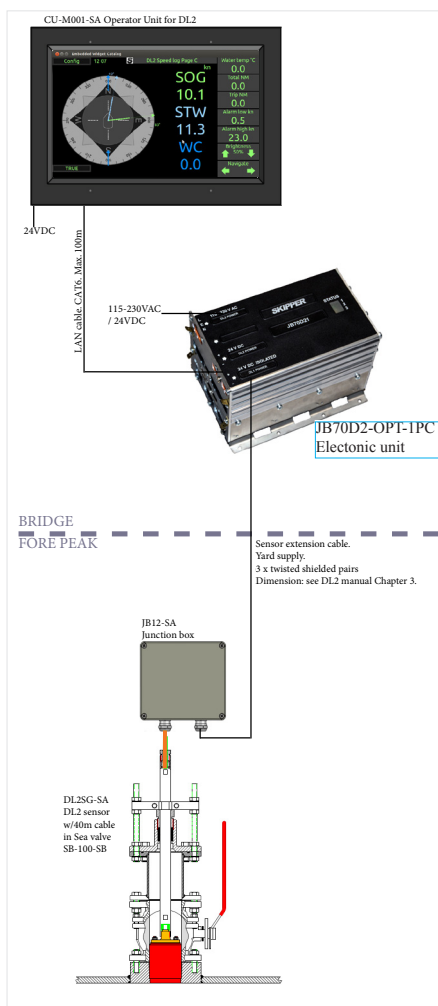




## Option for 1% accuracy and sync system DL2 Navigational Dual axis Doppler speedlog STW + SOG

The 1% accuracy and synch system options are activated using unique codes tied to the systems serial number.

With this option enabled, the following items are available and supported



### 1% Option

- Enhanced speed processing
- 2 decimal resolution on displayed speed, and outputs
- Tested performance with average errors less than 1%

The DL2 system is verified by DNVGL to give a performance accuracy error of less than 1% in a controlled standard sea test, after standard sea test calibration.

With correct calibration and normal conditions the system is expected to work to this accuracy, however this is dependant on hull design and sea conditions.

### Synch option

- Mute in (AUX input). Pauses the system when active, within 8ms (giving system alarm after 10 seconds inactive)
- Mute in (NMEA input). Using an NMEA message the system can be muted. (giving system alarm after 10 seconds inactive)
- Synch out (AUX output). A verification that the system is silent
- Ping out (AUX output). A pulse output that covers the sent ping, for synchronisation

Muting the system is an exception and if a prolonged period of muting is used, the system does not fulfil the requirements of IMO. At this stage a system alarm will be activated.

Ordering information:

DL2 Electronic unit with 1% and sync: JB70D2-OPT-1PC

Display unit and sensor are same part number as standard DL2 system

Date: 2018-05-25