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- ☐ Mandatory  
☒ Strongly Recommended  
☐ Optional

### Subject: Marksman/Ranger 2 V6 Software Release

As part of Sonardyne's continuous programme of product development, we are pleased to announce the release of V6.01 of all variants of Marksman LUSBL and Ranger 2 Pro/Ranger 2/Mini-Ranger 2/Micro-Ranger 2 USBL system software.

**Note:** This version of software requires Sonardyne 6G hardware and no longer supports Sonardyne 5G and Windows XP. Please contact Sonardyne Support for further guidance.

Main features of this update are:

- GyroUSBL now stores the CASIUS calibration result to avoid errors re-entering values when moving a calibrated Gyro USBL to a new vessel.
- Improvements to the Sonardyne Deployment Machine Interface.
- Guidance telegrams added to provide guidance between waypoints.
- 'Archive' tool added to CASIUS Data Export to improve CASIUS support.
- Protection for outputs to DP to prevent GNSS data being routed through Ranger 2 / Marksman.
- Many other general improvements – see release notes for details.

The following instrument firmware versions have been tested with this software version. As a minimum, these firmware versions must be installed in each component when used with this version of software.

| Instrument                           | Firmware    | Instrument                | Firmware                          |
|--------------------------------------|-------------|---------------------------|-----------------------------------|
| Navigation Sensor Hub (NSH)          | 2.03.00.107 | Ethernet Serial Hub (ESH) | Rel1_RevD                         |
| 6G USBL Transceiver (8142,8212,8221) | 4.02.00.08  | MRT                       | TCVR v1.0.4.5,<br>CPU v1.00.01.09 |

The software is stored on the Sonardyne FTP. The following link can be used to upload the software from the Sonardyne FTP:

[ftp://cas-38841:p4z6@files.sonardyne.com/from\\_sonardyne](ftp://cas-38841:p4z6@files.sonardyne.com/from_sonardyne)

If you are not the correct recipient for this information or you would like us to send this information to another person please respond to this email.

You will not automatically receive a copy of this software.

Should you require any further clarification please contact customer support on [support@sonardyne.com](mailto:support@sonardyne.com) or +44 1252 872288.