

SPRINT-Nav Mini v1.2 Release Notes

Contents

Contents	2
1.2.607	3
Previous version history	4
Software/Hardware Compatibility	4
Manual	4
Software Requirements	4
Hardware Requirements	5

1.2.607

This software release is based on the v1.1.273 release and supports all SPRINT-Nav Mini variants (Navigator and Guidance).

This update includes:

- New Web UI colour theme
- Internal battery
- Output Triggers
- ADCP functionality
- Other Bug fixes and Improvements, see table below.

PPR Number	Summary
SHARK-98	Configure a manual USBL latency
SHARK-179	Rebrand of web user interface
SHARK-197	Addition of TSS1 output message (not including heave)
SHARK-198	Addition of EM3000 output message
SHARK-200	Addition of HDT output message
SHARK-203	Addition of a PSONDIGI output message to output pressure from SPRINT-Nav pressure sensor
SHARK-211	Addition of 1 PPS and ZDA output (time server) functionality
SHARK-215	Addition of NTP client functionality
SHARK-217	Use \$PSGDS message for SV input
SHARK-219	Add "Port link" functionality allowing the viewing and control of data from connected serial devices on a network port
SHARK-222	Added power off button to shutdown CPU and DVL
SPMINI-1653	Velocity quality added to data viewer
SPMINI-1656/1657/1658	GNSS, USBL and XPOS Manual Quality Noise User Configurable
SPMINI-1751	Support Output Triggers for outputting ZDA + 1PPS
SPMINI-1763	Allow logfiles to be downloaded over SFTP
SPMINI-1820	Support ADCP Configuration and output. ADCP is license controlled functionality.
SPMINI-1839	View comms in all input configuration pages
SPMINI-1841	Alarms visible on all pages
SPMINI-1843	Manual XPOS update
SPMINI-1842	Raw sensor acceptance. Highlight how many observations are accepted/rejected in last 60s.
SPMINI-1896	Add LNAVUTC output message
SPMINI-1816	API over ethernet (Protocol buffers + gRPC)
	See https://github.com/Sonardyne/son-idl/releases for latest version
SPMINI-1923	Allow use of Mxx and Bxx transponder codes in PSIMSSB
SPMINI-1951	API over ethernet (JSON)

PPR Number	Summary
n/a	Update User Manual to Revision B4

Previous version history

1.1.273

PPR Number	Summary
n/a	Update user manual to revision B3

1.1.229

PPR Number	Summary
SPMIN-86 & 605	Addition of startup messages on all SPRINT-Nav Mini serial ports containing IP Address and baud rate of RS232-1
SPMIN-1730	SON2 output messages requires a space between Heading and Variance fields
n/a	Update user manual to revision B2.

Software/Hardware Compatibility

The following instrument firmware and software 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:

Instrument / Software	Firmware / Software Version
Janus	1.6.1.14
Messaging Extractor	1.02.00.127

Manual

In order to access the latest user manual on the SPRINT-Nav mini the browser cache must be cleared.

Software Requirements

Google Chrome

Hardware Requirements

Optimised for 1920x1080 displays.

Contact Information

For further support please contact:

24/7 Emergency Helpline

T. +44 (0) 1252 877600

Email Support

support@sonardyne.com

Website

www.sonardyne.com