

Final test checklist - AD2CP/UNS



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Nortek order number:

54071-6507

Name:

Echosounder 70-120kHz Glider

Instrument
serial number:

107475

Frequency:

70-120kHz

Main board:

7779

Firmware
versions:

8403_10

Label checked: ☐ OK

Comments:

Dock test: ☒ OK

Baudrate 115200: ☐ OK

Tilt check

N.A.

Pitch up

N.A.

Roll up

N.A.

Status bit

N.A.

Pitch down

N.A.

Roll down

pitch & roll within +/- 0.2

Clock

☒ Set clock

Heading

N.A.

Up

N.A.

Down

tolerance: +/- 2

Pressure

Psensor temp

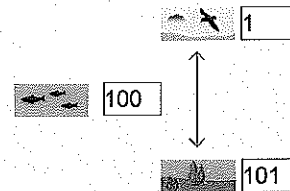
☒ OK

tolerance: +/- 0.1% of

1500 m

Temperature

☒ OK



tolerance: +/- 0.1

Beam check

Correct order

Beam 1 ☒ OK

Beam 2 ☐ OK

Beam 3 ☐ OK

Beam 4 ☐ OK

Beam 5 ☐ OK

Beam Imp

☐ Ω

☐ Ω

☐ Ω

☐ Ω

☐ Ω

Noise floor

N/A dB

☐ dB

☐ dB

☐ dB

☐ dB

Amplitude in tank

N/A dB

☐ dB

☐ dB

☐ dB

☐ dB

Range

☒ OK

☐ OK

☐ OK

☐ OK

☐ OK

Velocity direction

XYZ coordinate system

X ☐ OK

Y ☐ OK

Z ☐ OK

Z₂ ☐ OK

ENU coordinate system

E ☐ OK

N ☐ OK

U ☐ OK

U₂ ☐ OK

Head file

☒ Headfile checked

☒ Saved as read only

Serial communication

☐ RS422

☒ RS232

Trigger

☐ TTL

☐ RS485

Recorder erased

☒ OK

Rec size: 256GB

Ethernet

MAC address:

N/A

Static IP address:

Set host name:

107475

DHCP enabled

N.A.

FTP OK

N.A.

Licenses

☐ Averaging mode

☐ Burst Five beams

☐ Bottom track

☐ High Resolution

☐ Special B

☐ Wave mode

☒ Echo Sounder

☐ Ice Measurement

☐ Altimeter

☐ INS

☐ Vertical velocity

☐ Dual frequency low

☐ Dual frequency high

☐ 16GB recorder

☐ Wave Processing

☐ 64GB recorder

☐ 128GB recorder

☒ 256GB recorder

☐ AHRS for UNS

Calibration license erased

☒

Production license erased

☒

Default configuration set

☒

Cable/Harness

Cable

☐ Communication

☐ Battery

Harness

☒ Communication

☐ Battery

Electrical isolation test

☐ 50V OK

External sensors



Power down

☒ OK

Date

Day Month Year

28 04 2025

Signature

Kim Dumerudhagen

N8600-002 Rev.