

Final test checklist - AD2CP/UNS



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Nortek order number:

54071-6506

Name:

Echosounder 70-120kHz Glider

Instrument
serial number:

107474

Frequency:

70-120kHz

Main board:

7765

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

Psensortemp

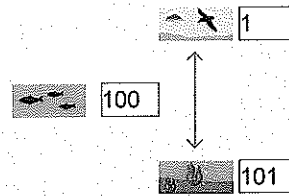
☒ OK

tolerance: +/- 0.1% of

1500 m

Temperature

☒ OK



tolerance: +/- 0.1

Beam check

	Correct order	Beam Imp	Noise floor	Amplitude in tank	Range
Beam 1	<input checked="" type="checkbox"/> OK	<input type="text"/> Ω	N/A dB	N/A dB	<input checked="" type="checkbox"/> OK
Beam 2	<input type="checkbox"/> N.A. OK	<input type="text"/> Ω	<input type="text"/> dB	<input type="text"/> dB	<input type="checkbox"/> N.A. OK
Beam 3	<input type="checkbox"/> N.A. OK	<input type="text"/> Ω	<input type="text"/> dB	<input type="text"/> dB	<input type="checkbox"/> N.A. OK
Beam 4	<input type="checkbox"/> N.A. OK	<input type="text"/> Ω	<input type="text"/> dB	<input type="text"/> dB	<input type="checkbox"/> N.A. OK
Beam 5	<input type="checkbox"/> N.A. OK	<input type="text"/> Ω	<input type="text"/> dB	<input type="text"/> dB	<input type="checkbox"/> N.A. OK

Velocity direction

XYZ coordinate system

X ☐ N.A. OK
Y ☐ N.A. OK
Z ☐ N.A. OK
Z: ☐ N.A. OK

ENU coordinate system

E ☐ N.A. OK
N ☐ N.A. OK
U ☐ N.A. OK
U: ☐ N.A. 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:

107474

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

N.A.

Communication

N.A.

Battery

Harness

☒

Communication

N.A.

Battery

Electrical isolation test

N.A. 50V OK

External sensors



Power down

☒ OK

Date

Day: 28
Month: 04
Year: 2025

Kim Dumerudhagen
Signature