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Seascan Keep Alive Battery load test, pack S/N KAS-11-021

Reference documents

- Battery test box with integrated meters
- Seascan Keep Alive battery, Mfg by EVS
- SeascanKeepAliveTestCable.pdf

4813

Equipment and setup

- Battery to be tested
- Battery test box with integrated meters, selector switch always set to position 4
- BNC-to-bongo adapter with bongos replaced with comming terminations
- DC power supply (0 to 20V), connected to a Diode Test BNC on battery test box
- Seascan Keep Alive test cable

Procedure

Operator	DLD
Date	31 Jan 14
Write serial number on battery if necessary and record above on this sheet ✓	
Battery voltage test	
Check that selector switch is to position 4 ✓	
Check that load switch and diode test switch are OFF ✓	
Connect Keep Alive test cable to 2-pin and 4-pin connectors from battery test box ✓	
Connect Keep Alive test cable to the Battery Under Test ✓	
Record V4 unloaded	7.09
Turn on load switch on battery test box, wait 1 minute :49	
Record V4 loaded	6.91
Turn off load switch on battery test box ✓	
Diode leakage test	
Set power supply to 5 volts ✓	
Make sure power supply is connected to diode test BNC ✓	
Switch diode test switch to MAIN ✓	
Record V4	7.09
Record leakage current	0
Increase power supply to 10 volts	
Record V4	8.70
Record leakage current	0.255
Increase power supply to 20 volts	
Record V4	18.65
Record leakage current	0.271
Disconnect battery from test cable	
Record V4	18.65
Record leakage current	0.265
Set power supply to 5 volts ✓	
Switch diode test switch to OFF ✓	