



TRDI - WORKHORSE Checklist

National
Current
Observation
Program

S/N:	Freq:	Firmware v:
Project:	Station:	Case S/N (if different):

- **A NEW CHECKLIST IS REQUIRED FOR EACH DEPLOYMENT**
- **USE GMT (Casablanca) FOR COMPUTER TIME**
- **INITIAL EACH BOX IF SECTION IS COMPLETED BY MORE THAN ONE PERSON**

Lab/Initial Preparations

INIT	Task	Notes	
	Battery Installed	Voltage: _____ VDC	
	Data Card #0 Write Verified	If used, backup data if needed and RE ErAsE	
	Data Card #0 Installed		#0 MB: _____
	Data Card #1 Write Verified		#1 MB: _____
	Data Card #1 Installed		
	Desiccant (new or refurbished)		
	Humidity Card		
	Pressure Sensor orifice screw clear	Rating (if known): _____	
Bench Tests (AC Power when available)		<input type="checkbox"/> AC power or <input type="checkbox"/> Battery	
	CB? – Baud Rate: <input type="checkbox"/> 9600 <input type="checkbox"/> 115200 <input type="checkbox"/> Other: _____		
	PS0 Verify instrument S/N, & Freq & Firmware match with above		
	PA <input type="checkbox"/> CPU; <input type="checkbox"/> Cards Detected as installed; Recorded tests Pass		
	Failure(s): _____		
	Follow up tests (as needed) <input type="checkbox"/> PT__ ; <input type="checkbox"/> PT__ ; <input type="checkbox"/> PT__		
	PC2 <input type="checkbox"/> Heading; <input type="checkbox"/> Pitch; <input type="checkbox"/> Roll; <input type="checkbox"/> Orientation; <input type="checkbox"/> Temp; <input type="checkbox"/> Pressure		
	PC1 <input type="checkbox"/> ALL Beams Pass?		
	TS (GMT Casablanca) Computer clock verified with:		
	Test Log file: _____		
	Dummy Plug?		
Completed By: _____		Affiliation: _____ Date: _____	

(Place this form with/in ADCP to be shipped to field location)

Field Assembly & Adjustments

INIT	Task	Notes
	Battery connected	Voltage: _____ VDC
	Data Cards Secured	
	Desiccant secured with Rubber Band	
	Humidity Card	
	O-Ring inspected, lubed & installed	<input type="checkbox"/> Top; <input type="checkbox"/> Bottom
	Beam-3 Alignment	
	Bolts tightened to: Top 9.6 NM (7.1 ft lbs) ; Bottom 5.6 NM (4.1 ft lbs)	
	Compass field adjustment (AF)	Before _____ After _____
	Adjustment Log File: _____	
		Notes: _____
	CZ	
	Dummy Plug present	
Completed By: _____		Affiliation: _____ Date: _____

Deployment Tests and Setup		TRDI SN: _____	
INIT	Task	Notes	
	Setup Log File ([F3] on Bbtalk; copy-paste on SC):		
	CB? – Baud Rate: <input type="checkbox"/> 9600 <input type="checkbox"/> 115200 <input type="checkbox"/> Other:		
	OL		
	TS (GMT Casablanca, Monrovia, Reykjavik)	Computer clock verified with:	
	AX	Total Error:	
	PA <input type="checkbox"/> CPU; <input type="checkbox"/> Recorded tests Pass; Cards detected as installed? <input type="checkbox"/> #0; <input type="checkbox"/> #1		
	<input type="checkbox"/> DSP Test Pass <input type="checkbox"/> System Tests Pass (Narrow or wide may not pass if not in water)		
	Failures:		
	Follow up tests (as needed) <input type="checkbox"/> PT200 ; <input type="checkbox"/> PT__ ; <input type="checkbox"/> PT__		
	PC2 <input type="checkbox"/> Heading; <input type="checkbox"/> Pitch; <input type="checkbox"/> Roll; <input type="checkbox"/> Orientation; <input type="checkbox"/> Temp; <input type="checkbox"/> Pressure		
	PC1	<input type="checkbox"/> ALL beams pass?	
	AZ	AP? :	
	*.whp file uploaded	File location:	
	Verify CF111n1		
	RR - MAKE SURE DATA HAS BEEN SAVED BEFORE DELETING		
	RN	Name:	
	Verify commands uploaded are as planned	<input type="checkbox"/> CK	<input type="checkbox"/> CS
	Apply transducer paint as needed		
Notes:			
Completed By:		Affiliation:	Date:
Final Inspection			
INIT	Task	Notes	
BEFORE INSTALLING INTO PLATFORM			
	Dummy plug is secured		
	O-rings appear to be seated properly	<input type="checkbox"/> Top; <input type="checkbox"/> Bottom	
	Pressure orifice looks clear		
AFTER INSTALLING INTO PLATFORM			
	Unit is secured in platform	Type:	Designation:
	Unit is pinging		
	Antifoulant applied?	Type:	
	Yellow cover is off		
Notes:			
Completed By:		Affiliation:	Date:
Final Received By (NOAA Rep):		Date:	

**FILE IN STATION BINDER
&
Send a copy to the ED Chesapeake Instrument Lab
Please note any clock drift on the DEPLOYMENT logs after recovery.**