



Trawl Resistant Bottom Mount (TRBM) Checklist

National Current
Observation Program

TRBM S/N or Designation	Project:	Station:
ADCP S/N	Release S/N	Pinger S/N
Recovery line length (3x water depth)	Tagline length (2x water depth)	RELEASE CODE: Receive freq (kHz):

- **A NEW CHECKLIST IS REQUIRED FOR EACH DEPLOYMENT**
- **INITIAL EACH BOX IF SECTION IS COMPLETED BY MORE THAN ONE PERSON**

Initial Inspection			
Init or ✓	Date	Part or Step	Damage or Notes:
		Base with Lead	
		Pan	
		Pod	
		Release (verify or enter S/N above) & appropriate strongback	
		Gimbals	
		Gimbal hardware	
		Fibrebolts 3/4" ID (1-1/4" socket)	
		Bungee Cords	
		Turnbuckle	
		Sufficient recovery line, typically Vectran, 3x water depth, bundled with line jig.	
		Tag line (>2 x water, Vectran) with Mushroom anchor or similar	
		Zincs	
Additional Notes:			
Completed By:		Affiliation:	Date:
Release Installation			
		Verify release codes: Enable : ____ ; Disable: ____; Release: ____ & Freqs (on release) Transmit: ____ kHz; Receive ____ kHz	
		Install release into strongback using a 7/16" socket	
		Physically ensure release is restrained and will not come free.	
		Place pan in base, and arm release.	
		Release using deck box and verify free movement of all parts. Replace as needed.	
		Remove Pan from base.	
Additional Notes:			
Completed By:		Affiliation:	Date:

NCOP TRBM CHECKLIST

Preparation			
Init or ✓	Date	Step	Damage or Notes:
		Install pinger to inside grating using cable ties (3)	
		Attach recovery line to base using a bowline or splice.	
		Pack line under bungee cords	
		Attach recovery line to pan using bowline	
		Place pan in base, ensuring line is clear of pinch points.	
		Arm release	
		Tighten turnbuckle and ensure pan is properly secured.	
		Place Pod in Pan	
		Secure pod to pan using four 3/4" <i>FIBREBOLT</i> (1.25" socket)	
Additional Notes:			
Completed By:		Affiliation:	Date:
ADCP Installation			
		Prepare ADCP per TRDI Checklist	
		Install ADCP into gimbals making sure the gimbals are oriented the correctly (delrin block on bottom).	
		Ensure dummy plug is present.	
		Install Gimbals into Pod	
		Verify ADCP has free movement	
		Verify all parts are secure	
		Attach tagline with mushroom anchor to base using bowline(s)	
Additional Notes:			
Completed By:		Affiliation:	Date:
Final Received By (NOAA Rep):			Date:

For complete setup instructions, please refer to the Flotation Technologies TRBM manual

FILE IN STATION BINDER