

# Coastal Notice to Mariners

## Update - Deployment of Moored Wave Monitoring Buoy's off the NT Coast

To	Coastal Navigators	Location	Emu Reefs / Fenton Patches / Goomadeer Point
Date of issue	19 May 2025	Ref number	Coastal NtM 2025 - 020 (T)

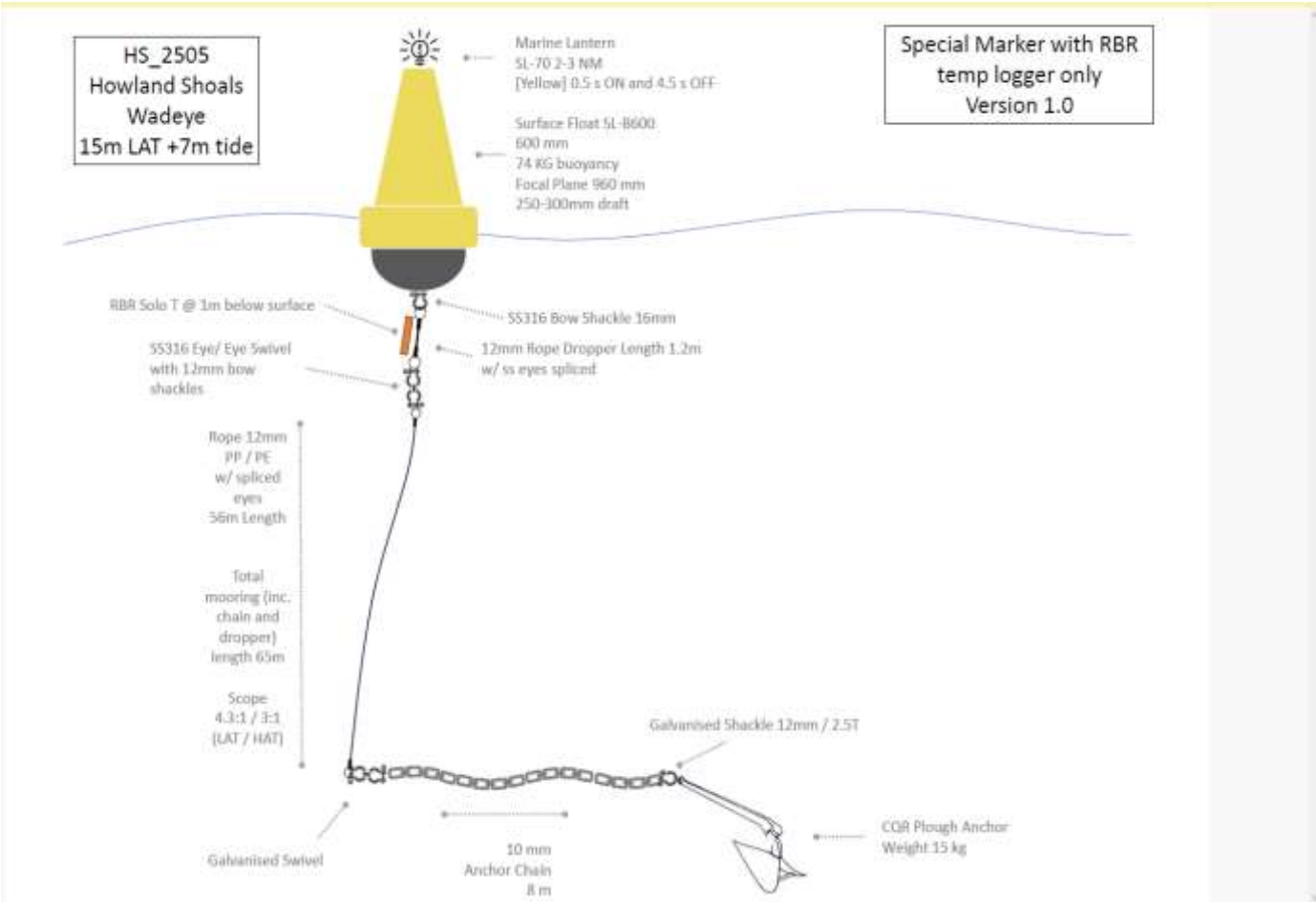
## Notification

Coastal Navigators are advised of the deployment of moored wave monitoring buoys							
Location of activity:	Emu Reefs / Fenton Patches / Howland Shoals						
Deployment Dates:	Between 19 to 21 May 2025. (see Description of Activity)						
Assets/ Vessels involved	Moorings comprising of: Sealite yellow special marker buoy – focal plane 960 mm, with yellow light of characteristics 0.5 seconds ON and 4.5 seconds OFF. SOFAR Yellow Spotter buoy connected to the yellow special marker by a 10-metre catenary loop (see diagram)						
Description of Activity:	Deployment Name	Location	Description	Lat	Lon	Chart Depth (LAT)	
	ER_2505	Emu Reefs / Wadeye	Special Marker with yellow flashing light, and SOFAR Spotter Buoy	13°51'50.26"S 13° 51.837 S	129°26'8.13"E 129° 26.135 E	15m	
	FP_2505	Fenton Patches	Special Marker with yellow flashing light, and SOFAR Spotter Buoy	12°10'13.56"S 12° 10.226 S	130°44'5.28"E 130° 44.088 E	21m	
	HS_2505	Howland Shoals / Wadeye	Special Marker with yellow flashing light	13°56.6.13"S 13° 56.102 S	129° 24'27.99"E 129° 24.466 E	15m	
Conducted by:	Australian Institute of Marine Science						
Communication: Mobile	Simon Harries – Technical Officer, Arafura Timor Research Facility, Brinkin NT E: <a href="mailto:s.harries@aims.gov.au">s.harries@aims.gov.au</a> Mob: +61 407 587 547						

<b>Additional information</b>	Deployment of the wave monitoring buoys will be on-going for at least three years with 6 monthly servicing and annual mooring replacements
<b>Cancel this notice on:</b>	To Be Advised

Capt. Anil Chadha  
 Director of Marine Safety NT

Mooring Diagram for Howland Shoal Buoy HS 2505 (Howland Shoals)



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## Mooring Diagram for Buoys ER 2505 (Emu Reefs) & FP 2505 (Fenton Patches)

