Port of Fremantle
Preliminary Navigational Warning 10/2025

Date of issue: 23.06.2025

Date of effect: 23.06.2025

Date of cancellation: 25.12.2025

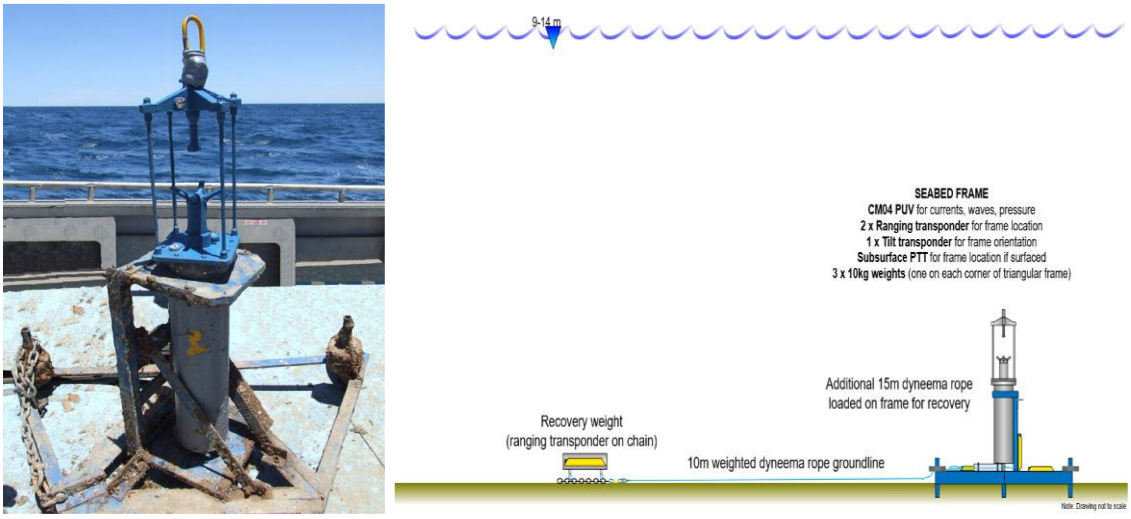
Charts affected: AUS 117

LONG PERIOD WAVE DATA COLLECTION

There will be the deployment of 2 x seabed frame current and wave measuring devices in Cockburn Sound. The frames will be deployed from an 8 m vessel using an A-frame and winch to lower them to the seabed. No diving activities will be conducted at any time during deployment or recovery activities. The vessel will maintain communications with Fremantle Port and other mariners during operations on VHF channel 12.
Each frame will take approx. 1 hour to deploy.
Location 1 is 500 m due West of the Calista Channel and location 2 is 500 m South of the entrance to the Stirling Channel as indicated in the below image.

MetOcean Location:	***PUV #1***
Physical Location:	*Cockburn Sound*
Description:	*Seabed frame 1.8 m (L) x 1.8 m (W) x 1.4 m (H) for wave and current measurements*
Surface Marks:	*Nil (subsea only)*
Latitude:	*32°11.883'S*
Longitude:	*115°45.359'E*
Datum:	*WGS84*
Water Depth (LAT):	*9.5 m*
Provisional Deployment:	*18-25/06/2025*
Provisional Recovery:	*18-25/12/2025*

MetOcean Location:	***PUV #2***
Physical Location:	*Cockburn Sound*
Description:	*Seabed frame 1.8m (L) x 1.8m (W) x 1.4m (H) for wave and current measurements*
Surface Marks:	*Nil (subsea only)*
Latitude:	*32°12.574'S*
Longitude:	*115°44.777'E*
Datum:	*WGS84*
Water Depth (LAT):	*13.3 m*
Provisional Deployment:	*18-25/06/2025*
Provisional Recovery:	*18-25/12/2025*



Seabed frame current and wave measuring devices.

Inner Harbour Maintenance Dredging - 14.7m dredge area

Mariners should exercise caution while transiting this area during the deployment of these data collection instruments.
Please be aware of this obstruction and factor in a decrease in depth of 1.4 m for the duration of this deployment.

Harbour Master's Office
Fremantle Ports