



Marine Safety Notice

Fremantle Port, Inner Harbour

Construction of Underwater Rock Mound to Protect Fremantle Rail Bridge

An underwater rock mound will be constructed in the north-eastern corner of the Fremantle Inner Harbour to provide the Fremantle Rail Bridge with additional protection from the risk of ship impacts.

Once completed, the rock mound will be about 45m long and 5m wide at the crest, and will partially submerge during high tides. Permanent cardinal markers shall be arranged around the structure upon completion.

Marine Construction will commence on Monday 10th July 2017 and be completed in early August. Temporary special markers shall delineate a construction vessel work zone as per the below figure, Mariners are advised to stay well clear of this area at all times.

The contractor, TAMS Group, shall utilise a combination of a spudded backhoe dredge, materials barges, tugs, and assisting vessels to conduct the works. The vessels will regularly transit between Berth J and the Underwater Rock Mound construction vessel work zone.

Please contact the TAMS spotter vessel on **VHF channel 12**, or **27 MHz 90** prior to transiting under the traffic bridge for notification of daily temporary restrictions on channel usage due to construction barge movements.

Refer to Figure 1 below for a general overview of the construction area and vessel transit route.

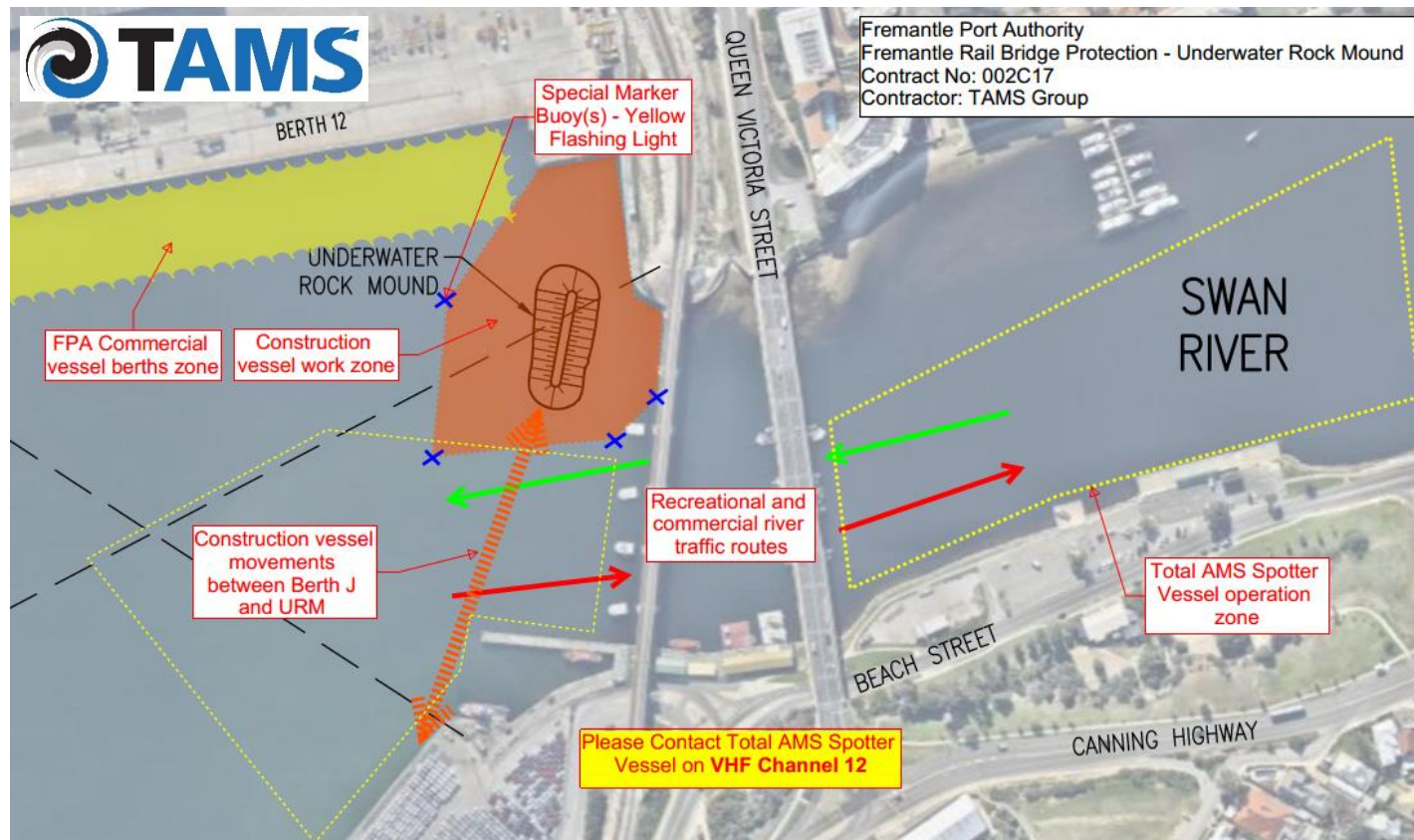


Figure 1: General Overview of Vessel Movements within Construction Works Area

The special marker buoys shall be equipped with an orange flashing light, set to a sequence of 'on' for 0.5 seconds, 'off' for 1.0 second. Refer the following figure for position information of the special markers.

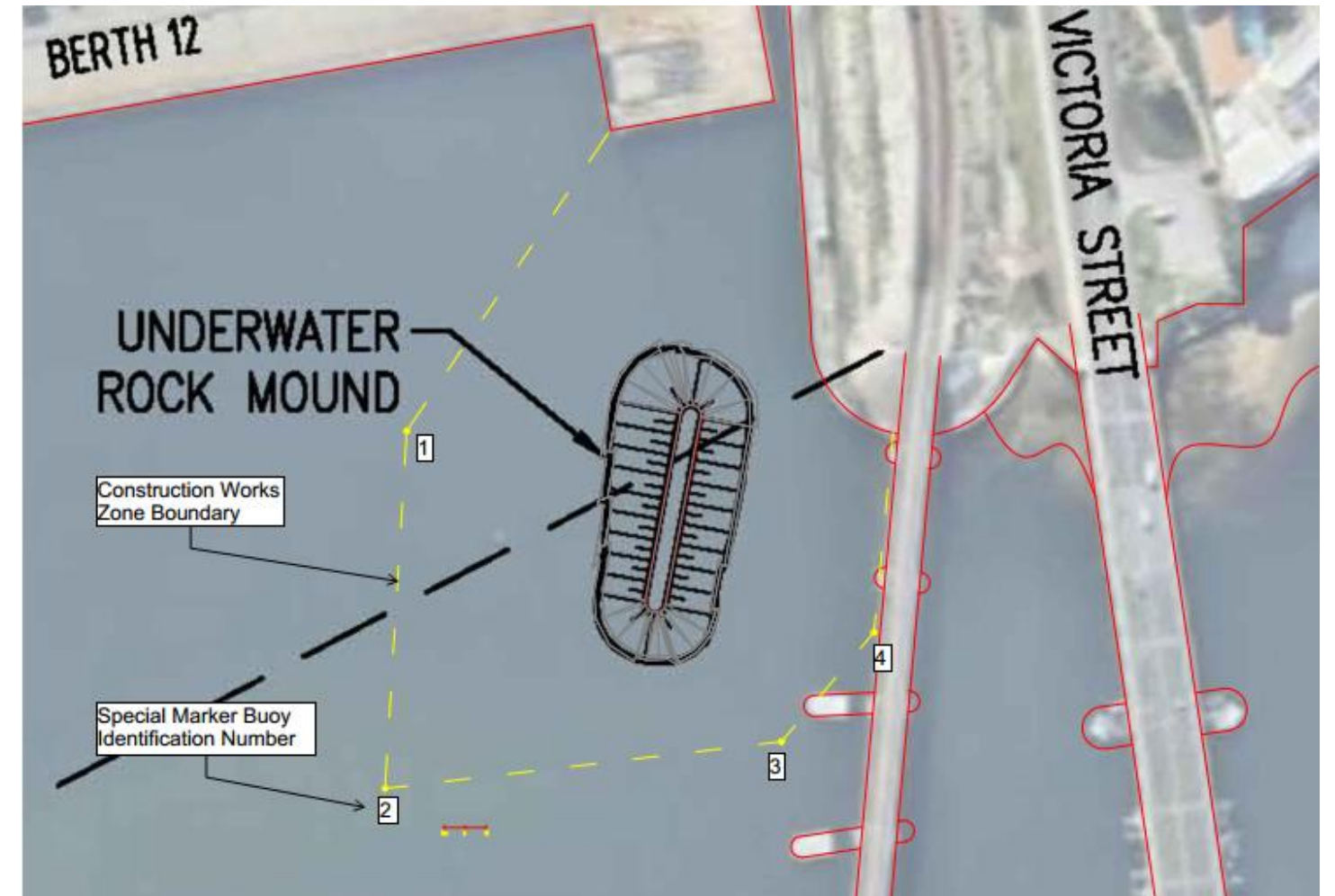


Figure 2: URM Construction Work Zone Boundary & Special Marker Buoy Locations

Position information for the special marker buoys is as follows:

Special Marker ID	Easting	Northing	Latitude	Longitude
Number 1	382226.323	6454399.965	32° 2.4273" S	115° 45.1574"
Number 2	382221.177	6454315.127	32° 2.4732" S	115° 45.1535"
Number 3	382337.213	6454352.174	32° 2.4539" S	115° 45.2275"
Number 4	382315.264	6454326.250	32° 2.4678" S	115° 45.2134"

For further information regarding these construction works, please contact the below:

- Glen Pikor, Civil Engineer, Fremantle Ports.
- Phone: (80) 9430 3494.
- Mobile: 0448 048 393.
- Email: glen.pikor@fremantleports.com.au

Or alternatively:

- Jason Mayen, Project Manager, TAMS Group.
- Phone: (08) 9430 5889.
- Mobile: 0427 303 866.
- Email: jasonm@totalams.com.au

Reference: Fremantle Ports Notice to Mariners 5(T)/2017
Department of Transport, Temporary Notice to Mariners, Notice 2017-75:

End of Notice.