

Local Notice to Mariners

Barossa Project: Trenching Operations

To	Port Users	Location	Darwin Harbour
Date of issue	14 June 2024	Ref number	Local NtM 2024/030 (T)

Notification

Port Users are advised that DVO JV is conducting the trenching operations in Darwin harbour for Barossa GEP project. Trenching is executed using specialized dredging vessels to remove rock and sand (known as spoil). Spoil disposal from the trenching will occur at the dedicated spoil disposal ground located north-east of Darwin Harbour (outside of Darwin port limits, adjacent to pre-existing spoil ground used by the INPEX Ichthys project).

Date of activity: 14 / 15 June 2024

Time of activity: Continuous operations, both in day and night shift, on every day of the week

Location of activity: The trenching operations are executed within the Darwin Port Limits, between the DLNG facility in the south, and the Darwin Port Limits in the north. The operations are thus located in Pilot Areas A, B and D.

The spoil ground (i.e. disposal of the dredged material) is located north of Darwin Port within the below coordinates (LAT/LONG). The dredged material will be disposed in this area by TSHD HAM 318, and by tugs Monto & Kythira towing split hopper barges.

	LAT	LONG
C	12°14.49745' S	130°46.16109' E
D	12°12.44914' S	130°48.13189' E
E	12°12.98964' S	130°48.71257' E
F	12°15.03802' S	130°46.74180' E

Assets/ Vessels involved The following specialized dredging vessels will execute the trenching operations:

- Trailing Suction Hopper Dredger (TSHD) HAM 318
- Cutter Suction Dredger (CSD) D'Artagnan
- Backhoe Dredger (BHD) Machiavelli

Description of Activity:	<p>DVO JV will commence the trenching operations from 14 June 2024 onwards, during all hours of the day, and on all days of the week.</p> <p>TSHD HAM 318 will be dredging by use of a suction pipe hanging overboard on either Portside or Starboard side (only one at a time). During the dredging operations, the spoil material will be sucked into the hopper while sailing at approximately 2 knots. Frequent turning can occur during the dredging operations. When the hopper is filled with spoil material, TSHD HAM 318 will sail via the navigation channel to the spoil ground. Here she will dispose the material via bottom doors, before returning to the dredge area for the next cycle.</p> <p>CSD D'Artagnan will be loosening the seabed by cutting wherever harder material is present. She will be working on spuds and two (2) dredge anchors. During her operations, she will progress forward while performing a swinging motion around the spud (portside to starboard, and back). The dredge anchor can either be close (i.e. within 100m from the dredger) or far (i.e. up to 600m from the dredger). The far located dredge anchor will be marked by yellow marker buoy with light. In some areas the far located dredge anchor will be connected to the dredger via steel wire over floating pontoons. These floating pontoons will be equipped with lights (on top and in between). It is strictly forbidden for ships to pass between the floating pontoons. CSD D'Artagnan will be assisted by multicat Fiona F for anchor handling and logistical purposes.</p> <p>BHD Machiavelli will be excavating the seabed, while being stationary on three (3) spuds. She will load the split hopper barges with spoil material. When the split barge is full, the tug will tow the split hopper barge through the navigation channel to the spoil ground. Here the split hopper barge will be opened to dispose the spoil material. The tug will then tow the empty barge back to the backhoe dredger for her next cycle.</p> <p>The vessels will display relevant lights and shapes and follow collision avoidance regulations. Vessels are advised to maintain 250m distance from the specialized dredging vessels, with additional caution in the work area of CSD D'Artagnan due to presence of anchors. Port users approaching the specialized dredging vessels will be warned by the vessels themselves (via VHF, horn signals or vocally). In addition, the auxiliary vessels can be requested to assist with maintaining the safety perimeter.</p>
Conducted by:	
Communication : Radio	VHF Ch 10 and Ch 16
Mobile	DVO JV – Operational department contact details: - Works Manager : +61 400 292 185
Additional information	
Cancel this notice on:	To Be Confirmed

Capt. Anil Chadha

Regional Harbourmaster – Darwin

Trenching Operations Area



Vessels conducting the trenching operations

Vessel Type	Vessel Name	Call Sign	LOA [m]	Breadth [m]	Remarks
TSHD	HAM 318	PBDJ	227.2	32.0	Sailing at 2 knots during dredging
CSD	D'Artagnan	FMGE	123.8	25.2	Working on spud and 2 anchors during dredging
BHD	Machiavelli	ZMT9282	53.0	15.0	Working on 3 spuds during dredging
Multicat	Fiona F	VJN4604	24.5	11.0	Assisting D'Artagnan with anchor handling
Tug	Monto	VMBF	31.1	9.5	Towing of SHB between BHD and spoil ground
Tug	Kythira	VMBD	26.0	8.0	Towing of SHB between BHD and spoil ground
SHB	H1201	ZMU7357	66.2	12.0	Not propelled
SHB	H1202	ZMU7358	66.2	12.0	Not propelled

TSHD HAM 318



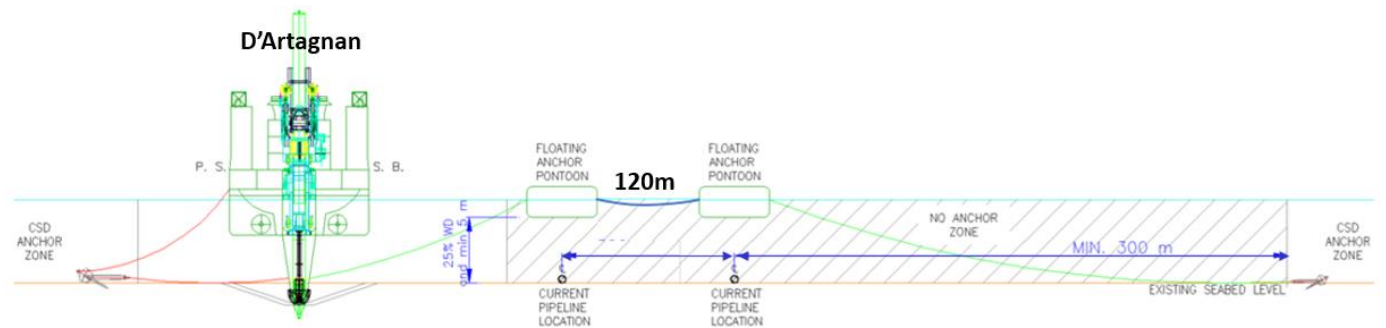
BHD Machiavelli



CSD D'Artagnan



CSD D'Artagnan working with dredge anchor via 2 sets of floating pontoon in series



Multi Cat Fiona F



Tug Monto



Tug Kythira



SHB's H1201 & H1202 (Sister Vessels)

