

## 5. Port infrastructure

### 5.1 Berth information

Channel / berth	Design depth (metres)	Required UKC
Material Offloading Facility	-3.0m LAT	0.3m
Bulk Loading Facility	-4.5mLAT	0.3m

**Table 6 - Berth information**

Please note that depths are subject to change; consult the Notices to Mariners for latest information.

#### 5.1.1 Skardon River Berth

A Marine Operations Facility is situated upriver of the Bulk Loading Facility and is used for transfer of personnel and stores

Barges up to 90m LOA can berth at the facility.

#### 5.1.2 Bulk Loading Facility

The Bulk Loading Facility is situated on the Western Bank of the river downstream of the Marine Operations Facility.

### 5.2 Leading lights and beacons

Name	Type	Characteristics
SB (RW)	BUOY	Fl.W.5s
P2	BUOY	Fl.R.5s
S1	BUOY	Fl.G.5s
P4	BUOY	Fl.R.5s
S3	BUOY	Fl.G.5s
P6	BUOY	Fl.R.5s
TSB	BEACON	SectRWG
P8	BUOY	Fl.R.5s
S5	BUOY	Fl.G.5s
P10	BUOY	Fl.R.5s
P12	BUOY	Fl.R.5s
SR1	BUOY	Fl.W
S7	BUOY	Fl.G.5s
P14	BUOY	Fl.R.5s
SLB1	BEACON	SectRWG
P16	BUOY	Fl.R.5s
S9	BUOY	Fl.G.5s
SLB2 & SLB3	BEACON	SectRWG

Name	Type	Characteristics
S11	BUOY	Fl.G.5s
SLB4	BEACON	SectRWG
S13	BUOY	Fl.G.5s
P18	BUOY	Fl.R.5s
SR2	BUOY	Fl.W
SLB5	BEACON	SectRWG

**Table 7 - Navigation aids**

WAYPOINT	LATITUDE	LONGITUDE
WP1	11°46.22 S	141°57.46 E
WP2	11°46.26 S	141°58.21 E
WP3	11°45.57 S	141°59.38 E
WP4	11°45.43 S	142°00.13 E
WP5	11°45.44 S	142°00.40 E
WP6	11°45.46 S	142°00.81 E
WP7	11°45.46 S	142°01.10 E
WP8	11°45.46 S	142°01.38 E
WP9	11°44.84 S	142°02.50 E
WP10	11°44.60 S	142°02.99 E
WP11	11°44.58 S	142°03.50 E
WP12	11°44.89 S	142°04.20 E
WP13	11°45.42 S	142°04.37 E

**Table 8 – Waypoints**

## 5.3 Anchorage areas

There are four designated anchorage positions for large ocean-going vessels, which are located outside Skardon River pilotage limits.

Anchorage name	Suitable for	Latitude	Longitude	Depth
Inner	All Ships	11°45.20'S	141°54.00'E	12.6m
Outer	Standby / All Ships	11°44.05'S	141°51.77'E	15.2m
Outer OA1	Panamax / Cape Size	11°44.89'S	141°51.37'E	16.6m
Outer OA2	Panamax / Ultramax	11°45.46'S	141°50.99'E	16.0m
Offshore	Cape Size	11°44.46'S	141°43.23'E	21.0m

**Table 9 – Designated anchorage areas**