

Notice to Mariner No. 132

SUBJECT : VOPAK BERTHS 5 & 6

We are pleased to inform you that Vopak berths # 5 & 6 are ready for operation with effect from 15 December 2009.

The berth specifications as follows,

Berth # 5 Design Parameters

Sl.	Description	Max	Min	Unit
1	DWT	110,000	5,000	Tonnes
2.	Displacement	130,000	6,900	Tonnes
3.	LOA	250	74	Metres
4.	Maximum Arrival Draft	12		Metres
5.	Maximum Sailing Draft	13		Metres
6.	Alongside depth	Berth 5 -14.9 CD		Metres
7.	Freeboard	12.60	1.8	Metres
8.	Gangway ship deck level	21.50 CD	2.00 CD	Metres
9.	Manifold Height	23.50 CD	2.00 CD	Metres
10.	Berth Height	9.60 CD		Metres
11.	Dolphin Height	8.00 CD		Metres

Contd..2/-

1. **Loading Arms (To be confirmed during commissioning)**

No & Size	:	3 x 16"
Distance between MLA 51 & 52	:	3.75 m
Distance between MLA 52 & 53	:	3.75 m
Maximum operating envelope	:	23 ⁰ in both direction.

2. **Mooring facilities**

Mooring dolphins

No of quick release hooks on each dolphin	:	1 for each berth
Number of hooks per unit	:	3
Capacity of the hooks per dolphin	:	80 tonnes

Breasting dolphins

No of quick release hooks on each dolphin	:	1
Number of hooks per unit	:	2
Capacity of the hooks per dolphin	:	80 tonnes

Loading platform

No of quick release hooks on platform	:	1 on each corner at the berthing line
Number of hooks per unit	:	2
Capacity of the hooks per dolphin	:	40 tonnes

3. **Fender**

No of Fenders per berth	:	6
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Fender type :

Outer dolphins	:	Shibata CSS2250 H
Inner dolphins	:	Shibata CSS1600 H
Loading platform	:	Shibata CSS1250 H + fenderpile

Energy absorption of the fenders :

Outer dolphins	:	334 ton.m
Inner dolphins	:	120 ton.m
Loading platform	:	65 ton.m

Distance between the fenders

Outer dolphins	:	88 m
Inner dolphins	:	54 m
Loading platform	:	23.5 m

Front panel dimensions

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Outer dolphins : 3500 W x 8000 L (mm)
 Inner dolphins : 2200 W x 8000 L (mm)
 Loading platform : 2000 W x 9000 L (mm)

Distance from the berthing line to the platform: 3.00 m

Berth # 6 Design Parameters

Sl.	Description	Max	Min	Unit
1	DWT	110,000	5,000	Tonnes
2.	Displacement	130,000	6,900	Tonnes
3.	LOA	200	74	Metres
4.	Maximum Arrival Draft	10		Metres
5.	Maximum Sailing Draft	11		Metres
6.	Alongside depth	Berth 6 -13.7 CD		Metres
7.	Freeboard	12.60	1.8	Metres
8.	Gangway ship deck level	21.50 CD	2.00 CD	Metres
9.	Manifold Height	23.50 CD	2.00 CD	Metres
10.	Berth Height	9.60 CD		Metres
11.	Dolphin Height	8.00 CD		Metres

1. Loading Arms (To be confirmed during commissioning)

No & Size : 3 x 16"
 Distance between MLA 61 & 62 : 3.75 m
 Distance between MLA 62 & 63 : 3.75 m
 Maximum operating envelope : 23⁰ in both direction.

2. Mooring facilities

Mooring dolphins

No of quick release hooks on each dolphin	:	1
Number of hooks per unit	:	3
Capacity of the hooks per dolphin	:	80 tonnes

Breasting dolphins

No of quick release hooks on each dolphin	:	1
Number of hooks per unit	:	2
Capacity of the hooks per dolphin	:	80 tonnes

Loading platform

No of quick release hooks on platform	:	1 on each corner at the berthing line
Number of hooks per unit	:	2
Capacity of the hooks per dolphin	:	40 Tonnes

3. Fender

No of Fenders per berth	:	6
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Fender type :

Outer dolphins	:	Shibata CSS2250 H
Inner dolphins	:	Shibata CSS1600 H
Loading platform	:	Shibata CSS1250 H + fenderpile

Energy absorption of the fenders

Outer dolphins	:	334 ton.m
Inner dolphins	:	120 ton.m
Loading platform	:	65 ton.m

Distance between the fenders

Outer dolphins	:	88 m
Inner dolphins	:	54 m
Loading platform	:	23.5 m

Front panel dimensions

Outer dolphins	:	3500 W x 8000 L (mm)
Inner dolphins	:	2200 W x 8000 L (mm)
Loading platform	:	2000 W x 9000 L (mm)
Distance from the berthing line to the platform	:	3.00 m

Please advise all your principals accordingly.