

For loading
Iron Ore

Chennai (Madras)
India

As of 1st July 2002.

1. Name of Berth		Bharathi Dock No.2
2. Position		13-06.6N, 80-18.1E
3. Depth	(1) Berth/Width	16.5m
	(2) Turning Basin	18.0m
	(3) Channel	18.6m
4. Tidal Rise	(1) MHWS	1.1m
	(2) MHWN	0.8m
	(3) MSL	0.65m
	(4) MLWS	0.1m
	(5) MLWN	0.4m
5. Density of Water		1.019-1.025
6. Berth	(1) Type	Mechanised loading Berth
	(2) Length	274.32 m
	(3) Height of Berth fm DL	3.99 m at Chart datum
	(4) Designed Strength	100.000 K/T
	(5) Nature of Seabed	Soft Mud
7. Mooring Bitt	(1) Type/Number/Interval	Steel Bollard 9 Nos. / 33 M
	(2) Strength	200 TONS
	(1) Type/Number/Interval	Cell Type Fender 2000 H 7 Nos. / 33m
8. Fender	(2) Strength	200 Tons
	9. Max. Permissible Draft	16.2 m
10. Channel	(1) Length	6700 m
	(2) Width (Bottom/Between Buoy)	244 m Minimum
	(3) Max. Permissible Draft	16.5
	(4) Nature of Seabed	Soft Mud
11. Turning Basin	(1) Position/Diameter	549m
	(2) Nature of Seabed	Soft Mud
12. Under Keel Clearance (UKC)	(1) Berth	1.2m, 2ft (0.61m)
	(2) Turning Basin	5 ft (1.52m)
	(3) Channel	9 ft (2.74m)
13. Ballast Condition Required for Berthing		LOA:900-Fwd:30 ft, Aft:35ft
		Immersed Propeller
14. Side of Berthing		Port Side to
15. Max. Acceptable Size of Vessel	(1) L.O.A.	274.31m (900 ft)
	(2) Beam	42.67m (140 ft)
	(3) Draft	16.15m (53 ft)
	(4) Max. Dead Weight	130,000 K/T
	(5) Under Special Application	280.4 m

16. Largest Vessel in Past	(1)	Name	Mv.CMACGM BIZET
	(2)	L.O.A.	300.25 metres
	(3)	Beam	40.30 metres
	(4)	Deadweight	---
	(5)	Loaded Cargo Quantity/Kind	Container
	(6)	Sailing Date & Time	14.01.08
	(7)	Sailing Draft	---
17. Pilotage	(1)	Boarding Ground	13-06.5N, 80-19.0E
	(2)	Boarding Measure	Pilot Boat
	(3)	Number of Boarding Pilot	One
	(4)	Compulsory or not	Compulsory
	(5)	Weather Restriction for Boarding	None
	(6)	Time for Boarding	Round the Clock
	(7)	Distance to Berth	Mile
18. Tug Boat	(1)	Available Number of Tug	5
	(2)	Number of Tug for IN/OUT	Pilot will decide
	(3)	Special requirement	None.
19. Restriction for Berthing./ Unberth	(1)	Weather Condition	None.
	(2)	Time	Round the Clock
	(3)	Others	Nil
20. Cargo Handling Facility	(1)	Number of Loader	Ship Loader – 2 Nos.
	(2)	Type of Loader & Maker	Shuttle Boom
			Rail Mounted Demag
	(3)	OUT-REACH	21.9 m (min. 9.5 m)
	(4)	Clear Height above CDL	19.9 m
	(5)	Travelling Distance	200 m
	(6)	Trajectory	Maxi. Reach 28.5
	(7)	Nominal Production	4000 x 2 T/H
	(8)	Actual Production	2500 x 2 T/H
	(9)	Restriction of Hatch Size	Not known
	(10)	Boom Working Range	-15 + 12.5
	(11)	Minimum Order Quantity	Restricted minimum reach of 11m centre of Hatch.
(12)	Other Restriction		
21. Loading	(1)	Working Hour	24 hours
	(2)	Weather Condition for Loading	None
	(3)	Others	None
22. Cargo	(1)	Kind of Cargo	INDIA (BASIC 0.47M3/T CUDALOR (S.H.G) 0.435
	(2)	Stowage Factor	DONIMARAI CALIBRETED 0.432
	(3)	Cargo Declaration	---

23. Stock Yard	(1)	Capacity of Stock Yard	600.000
	(2)	Capacity (Number) of Reclaimer	4000 MT/H x 2
	(3)	Capacity (Number) of Stacker	2000 MT/H x 2
	(4)	Capacity () Number of Reclaimer-stacker	Nil
	(5)	Removal System of Foreign Material	Magnet for metal
24. Bunkering	(1)	F.O.	Available
	(2)	D.O.	Available
	(3)	MEASURE	INTERNATIONAL STDS
25. Fresh Water	(1)	Supply Capacity (MT/H)	Available
26. Agent			M/s.MITSUI O.S.K. LINES INDIA (P) LTD.
27. Other			Cyclone Periods: – 15 April - 15 June 15 Oct - 15 Jan