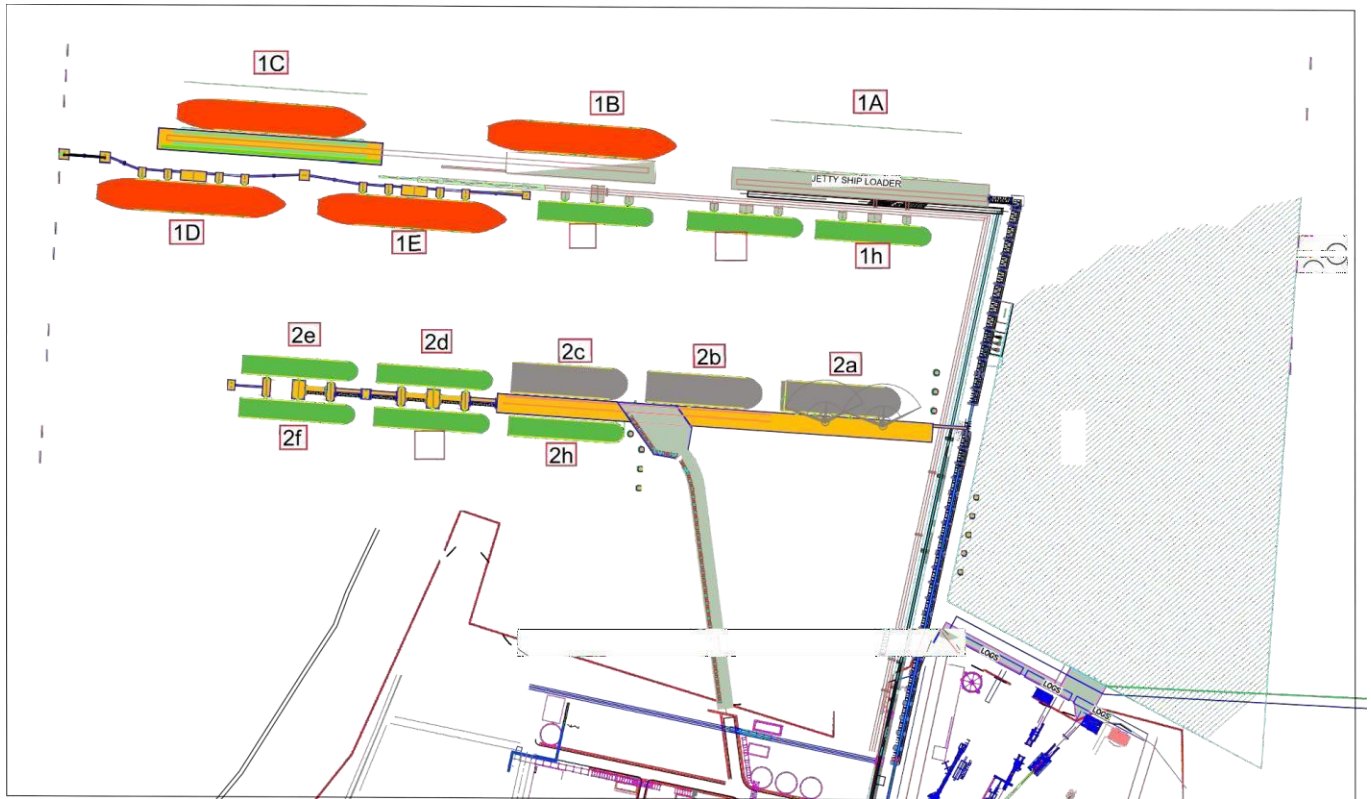


PORT INFO INDONESIA

PT. KUTAI REFINERY NUSANTARA

1	Name of Port	Balikpapan Port East Kalimantan
	Outer Bouy	01 - 21.51' S / 116 - 55.67' E
	Pilot Station Position (Buoy 1)	01 - 20.543' S / 116 - 57.848' E
	JETTY POSITION	01 - 10.774' S / 116 - 47.033' E
2	Name of Terminal	Kutai Refinery Nusantara
3	Type of Cargo to be handled	CPO/POP, PME, Crude Glycerin, PKE & Methanol
4	Terminal Operator has ISO Certificate	ISPS Code, ISO 9001 & ISO 14001
5	Max Draft in Channel (Pls remark as saltwater/brackish water/freshwater)	13 Meters (Saltwater)
5.1	Channel Depth of Water At Chart Datum (Zero Tide)	12 Meters
5.2	Under Keel Clearance (UKC)	1.5 Meters
5.3	Channel Tidal Range	Start From 0.3 - 2.8 Meters
5.4	Distance & Time from channel entrance to berth	16.5 Miles (approximately 4 hours)
6	Max Draft in Berth (Pls remark as saltwater/brackish water/freshwater)	19 Meters (Saltwater)
5.1	Berth Depth of Water At Chart Datum	19 Meters
5.2	Berth Tidal Range	Start From 0.3 - 2.8 Meters
6	LOA restrictions	Oil Jetty 200 M / Wood Jetty 225 M
7	Beam restrictions	35 Meters
8	Max manifold height (From waterline to center manifold)	5.5 Meters
9	Air Draft restrictions	Oil Jetty Unlimited
10	Minimum/Maximum Freeboard	2 - 16 Meters
11	Maximum Parallel Mid-Body Length	130 Meters
12	Maximum Deadweight (Plse remark as registered/arrival dwt)	50000 T
13	Maximum Displacement	55000 T
14	Any Berthing / Sailing restrictions	None
15	Night berthing	Yes
16	Night unberthing	Yes
17	Average loading / discharging rate per hour	400 - 500 MTPH / 300 TPH PER LINE
18	Hoses / Loading Arm (Number / Size)	9 Pcs of 8", 6 Pcs of 6"
19	Any berthing priorities over our vessel	No congestion
	Compulsory services required:	
20	Pilot	Compulsory
21	Tugs (number for berthing / unberthing)	2 set
22	Is deslopping permitted at berth	None
22	If yes, what is the cost or free of charge	None
22	If no, which anchorage the deslopping can take place & cost	In anchorage Yanke or Zulu, Cost depends on Disposal Company
23	Bunker Availability & What is the grade	Bunker Available by Barge
24	Freshwater Availability & What is the cost	Fresh water Available by Barge
25	Any other relevant information, please specify	None
26	Any transit cargo restriction	None

JETTY LAYOUT



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