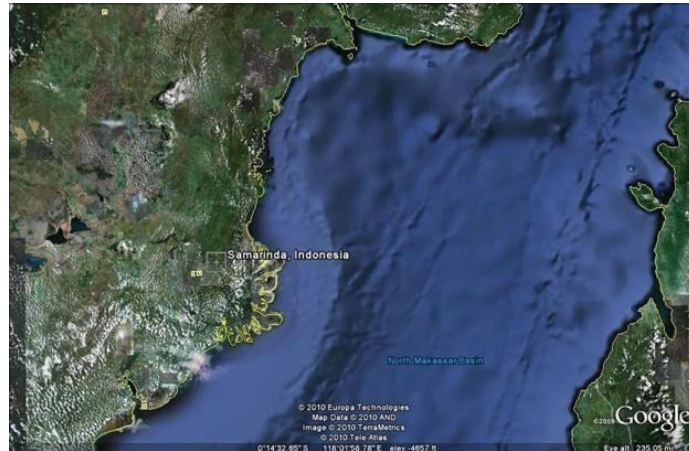


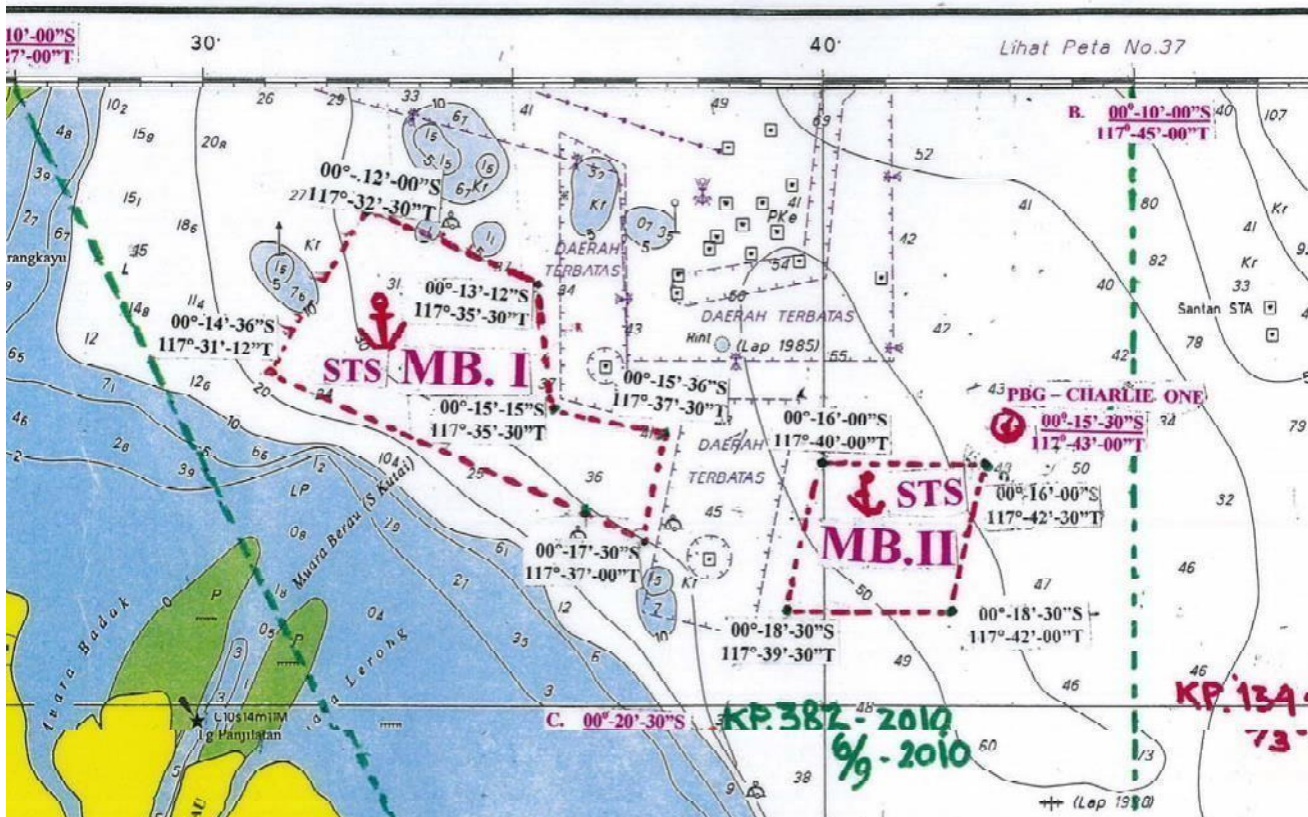
**PORT INFO INDONESIA
MUARA BERAU ANCHORAGE**



1.	Loading Point	Muara Berau Anchorage
2.	Pilot Boarding Ground Position	Lat 00 15 00 S / Long 117 53 00 E
	Basis Loading position (Previous our Shipment)	1. Lat 00-15-00 South / Long 117-33-00 East (Handymax) 2. Lat 00-14-06 South / Long 117-35-18 East (Panamax)
3.	Port Restriction	No Draft Restriction (open sea / Anchorage)
4.	Port Facilities	- Fresh Water Available - Bunker Available - BA Chart Available (Request need 4 day) - Hire Grab/Rent Grab Available
5.	Loading Facility / Method	1. By Ship Gears + Grabs / Shore Equipments - Specify 2. By Shore Grabs and Floating Cranes but it depend on Agreement
6.	Loading Rate	- Abt 10,000 – 15,000 Mt/Day by Floating Crane - Abt 7,000 – 9,000 Mt/Day by ship Crane + Grabs
7.	Stowage Factor	41 - 42 Cuft/Mt
8.	Tide Table	NIL
9.	Density Water	1.020 - 1.022 Kg/L
10.	Pilotage	Compulsory

1	Name of Port	BUPT.Pelabuhan Tiga Bersaudara
2	Port type	Ship To Ship Transfer (STS)
3	Restricted Area	Zone 1 and Zone 2
4	Zone 1	1.Pilot Station 2.Water area around Pilot Station
5	Zone 2	1.Water area MB I 2. Water area MB II
6	Pilot Station position (Barge)	Latitude.00°-16,58' S Longitude. 117°- 34,22 E
7	Pilot MB1 & MB II	Compulsory Pilot
8	Tug Assistant	Available / Optional
8	Pilot Boarding Ground	Latitude 00°-15,30' S Longitude. 117°- 43,00' E
9	Communication with Pilot Station	VHF Channel 16 & 73
9	Position MB1 Water area (MUARA BERAU I)	1. 00°-14'- 36''S / 117°- 31'- 12'' E 2. 00°-12'- 00''S / 117°- 32'- 30'' E 3. 00°-13'- 12''S / 117°- 35'- 30'' E 4. 00°-15'- 15''S / 117°- 35'- 30'' E 5. 00°-15'- 36''S / 117°- 37'- 30'' E 6. 00°-17'- 30''S / 117°- 37'- 00'' E
10	Position MB1I Water area (MUARA BERAU II)	1. 00°-16'- 00''S / 117°- 40'- 00'' E 2. 00°-16'- 00''S / 117°- 42'- 30'' E 3. 00°-18'- 30''S / 117°- 39'- 30'' E 4. 00°-18'- 30''S / 117°- 42'- 00'' E
	PFSO MB I & MB II	Capt.Very Daniel Jacobus M.Mar

STS MB I & STS MB II



Pilot station (stasiun pandu)



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