BMS (JIIP EAKR) – MANYAR

1. Name of Operator : PT. PELABUHAN INDONESIA III GRESIK BRANCH

2. Pilot Station : 06° 52.30’ S / 112° 44.38’ E

3. Port Location :
   - 7° - 05’ 10.52” / 112° - 39’ 12.47”
   - 7° - 05’ 18.51” / 112° - 39’ 12.17”

4. Density of Harbour water : Abt. 1.0250 T/M3

5. Season, Two season :
   - Rainy season on Oct. – Mar. And dry season on April – Sep.

6. Canal:
   a. Old channel :
      - Entering point : 06° 52’ 30” S / 112° 44’ 43” E
      - Depth/Width/Length : 8.4 M LWS / 100 M / 25 Sea Miles
      - Channel dues : NIL
      - Max vsl draft : 8.4 M
   b. New Channel :
      - Entering point : 06° 51’ 25.766” S / 112° 44’ 51.384” E
      - Depth/Width/Length : 13.0 M LWS / 150 M / 25 Sea Miles
      - Channel dues :
        1) Foreign flag :
           a) Running rate : US$.0.4 – US$.0.5/GRT/ONE PASS
           b) New rate : Rp.3,500 / MT of cargo discharged or loaded (Effective : Still wait confirmation from the Minister of Communication)
        2) Indonesian flag :
           b) New rate : Rp.1,500/ MT of cargo discharged of loaded (Effective: Still wait Confirmation from the Minister of Communication)
   c. Berth & Facilities:

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1   | Jetty | Outer berth : 250 M length / 14 M LWS Depth  
      |      | Inner berth : 170 M length / 12 M LWS Depth |
| 2   | Facility | Grabs = 5 units / cap 10 T  
      |      | Hopper = 7 units / cap 15 T  
      |      | Forklift = 2 units / capt 32 T & 3 T  
      |      | Truck scale = 1 unit / cap 60 T |

6 Pilot & Port control VHF : Channel 12 & 14

7 Security Level : Level 1
8. Fresh water supply: Available (By Truck / barge)

9. Working time 24 hours with the following arrangement:
   a. Working shift: Shift 1 (08:00 – 16:00), Shift 2 (16:00 – 24:00), Shift 3 (00:00 – 08:00)
   b. Rest time: 11:30 – 13:00, 17:30 – 19:00, 23:30 – 01:00, 05:00 – 08:00

Thanks,

Wiknyo

PT. Karana Line, Jl. Perak Timur No. 482 Surabaya
Email: surabaya@karanaline.com
### GRESIK

<table>
<thead>
<tr>
<th>No</th>
<th>BAGIAN NAMA DERMAGA (WHARF)</th>
<th>PANJANG TAMBATAN (LENGTH)</th>
<th>UKURAN DERMAGA (SIZE)</th>
<th>KEDALAMAN KOLAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>DERMA GA 265</td>
<td>265</td>
<td>10</td>
<td>2650.00</td>
</tr>
<tr>
<td>2</td>
<td>DERMA GA 70</td>
<td>70</td>
<td>10</td>
<td>700.00</td>
</tr>
<tr>
<td>3</td>
<td>DERMA GA 180</td>
<td>180</td>
<td>10</td>
<td>1800.00</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>DERMA GA 01</td>
<td>80</td>
<td>10</td>
<td>800.00</td>
</tr>
</tbody>
</table>

DERMA GA TANKER - INTERNASIONAL :
- SISI LUAR : DRAFT 8 M
- SISI DALAM: DRAFT 6 M
# PETRO KIMIA JETTY – GRESIK

1. Name of Operator: PT. PETRO KIMIA

2. Pilot Station: 06° 52.30’ S / 112° 44.38’ E

3. Port Location: 07° – 08° – 45’ S / 112° – 39’ – 00° E

4. Density of Harbour water: Abt. 1.0250 T/M3

5. Season, Two season: Rainy season on Oct. – Mar. And dry season on April – Sep.

6. Canal:
   a. Old channel:
      - Entering point: 06° 52’30” S / 112° 44’43” E
      - Depth / Width / Length: 8.4 M LWS / 100 M / 25 Sea Miles
      - Channel Charge: NIL
      - Max vsl draft: 8.5 M
   b. New Channel:
      - Entering point: 06° 51’25.766” S / 112° 44’51.384” E
      - Depth / Width / Length: 13.0 M LWS / 150 M / 25 Sea Miles
      - Channel dues:
         1) Foreign flag:
            a) Running rate: US$.0.4 – US$.0.5/GRT/ONE PASS
            b) New rate: Rp.3,500 / MT of cargo discharged or loaded (must be eff 1 Dec 16)
         2) Indonesian flag:
            a) Running rate: RP.1,500 – RP.2,500 / GRT/ONE PASS
            b) New rate: Rp.1,500/ MT of cargo discharged of loaded (must be eff 1 Dec. 16)

7. Berth:
   a. Jetty 1
      - Outer Jetty (Tanker ship): 210 M length / 12 M depth / 60,000 DWT cap / Marine Loading Arm (MLA 10") year 2010 for NH3, max flow 330 T / hr, max press 5.5 kg/cm2
      - Inner Jetty: 210 M length / 11 M depth / 30,000 DWT cap
   b. Jetty 2
      - Outer Jetty (Conv ship): 610 M length / 12 M depth / 60,000 DWT cap
      - Inner Jetty (Conv ship): 600 M length / 11 M depth / 30,000 DWT cap

8. Pilot & Port control VHF: Channel 12 & 14

9. Security Level: Level 1

10. Fresh water supply: Available

11. Working time 24 hours with the following arrangement:
PT. KARANA LINE Oil and Bulk Carriers
Member of INSA No : 216 / INSA / VIII / 1990
054 / DPC INSA SBY/ XI/94
Surabaya Branch:
Jl. Perak Timur No. 482 Surabaya 60165 INDONESIA
Telp: 031-329710 (Hunting), Fax: 031-329423
E-mail: surabaya@karanaline.com; finance.sby@karanaline.com

a. Working shift : Shift 1 (08:00 – 16:00), Shift 2 (16:00 – 24:00), Shift 3 (00:00 – 08:00)
b. Rest time : 11:30 – 13:00, 17:30 – 19:00, 23:30 – 01:00, 05:00 – 08:00
c. Total effective hours : 16 – 16.5 hours / day

12. Discharging / loading rate :
   a. Dry bulk cargo :
      - MOP, DAP, ZA : Using Cangoroo cranes, 300 – 350 tons / hour
      - Posphat rock : Using CSU (Continuous Ship Unloader), 300 – 350 tons / hour
   c. Liquid Cargo : Using pipe lines, 250 – 300 Mt / hour

13. Jetty Crane available :
   a. Cangoroo Crane : 2 units
   b. CSU : 2 units

14. Mobile Crane : Not available. Agent hire from Surabaya if necessary and the max
                   crane weight permissible is 40 tons in which the normal capacity is
                   abt 4 – 5 tons.

Thanks,
Wiknyo
PT. Karana Line, Jl. Perak Timur No. 482 Surabaya
Email: surabaya@karanaline.com
SIAM MASPION TERMINAL
GRESIK

Name of Port : SIAM MASPION TERMINAL (SMT)
Name of Operator : PT. SIAM MASPION TERMINAL (PT. SMT)

1. Pilot Station : 06° 52.30’ S / 112° 44.38’ E
2. Port Location : As per table
3. Density of Harbour water : Abt. 1.0250 T/M3
4. Season : Two season with period about ....
   a. Rainy season : October - March
   b. Dry season : April – September
5. Channel :
   a. Old Channel :
      - Entering point : 06° 52’30” S / 112° 44’43” E
      - Depth/Width/Length : 8.4 M LWS / 100 M / 25 Sea Miles
      - Channel Charge : NIL
   b. New Channel :
      - Entering point : 06° 51′25.766” S / 112° 44’51.384” E
      - Depth/Width/Length : 13.0 M / 150 M / 25 Sea Miles
      - Channel dues :
         1) Foreign flag :
            a) Running rate : US$.0.4 – US$.0.5/GRT/ONE PASS
            b) New rate : Rp.3,500 / MT of cargo discharged or loaded (still Wait confirmation from the Minister of Communication)
         2) Indonesian flag :
            a) Running rate : RP.1,500 – RP.2,500 / GRT/ONE PASS
            b) New rate : Rp.1,500/ MT of cargo discharged of loaded (Still wait confirmation From the Minister of Communication)
6. Pilot VHF channel : 12 & 14
7. Security Level : Level 1
8. Fresh water supply : At Jetty not available, but if necessary can supply via barge.
9. Working time 24 hours with the following arrangement:
   a. Working shift : Shift 1 (08:00 – 16:00), Shift 2 (16:00 – 24:00), Shift 3 (00:00 – 08:00)
   b. Rest time : 11:30 – 13:00, 17:30 – 19:00, 23:30 – 01:00, 05:00 – 08:00
10. Jetty Facility:
   a. Jetty 1 : FOR DISCH AMMONIA (LIQUID & GAS CARGO)
      - 1 (one) berth
      - Ships of various size from 500 DWT – 100.000 DWT
      - Maximum LOA (length of overall) is 240 m’ and the minimum parallel body length is 29 m’
      - The maximum vessel loaded draught is – 10 M LWS.

<table>
<thead>
<tr>
<th>Coordinates</th>
<th>Plant Grid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Easting</td>
<td>Northing</td>
</tr>
</tbody>
</table>
### b. Jetty 2: FOR LIQUID AND GAS CARGO
- 1 (one) berth
- Ships of various size from 5,000 DWT – 30,000 DWT
- Maximum LOA is 170 m and the minimum parallel body length is 70 m
- The maximum vessel loaded draught is – 10 M LWS.

<table>
<thead>
<tr>
<th>Coordinates</th>
<th>Plant Grid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Easting</td>
</tr>
<tr>
<td>Mooring Dolphin 1</td>
<td>112° 39’ 11.52” E</td>
</tr>
<tr>
<td>Mooring Dolphin 4</td>
<td>112° 39’ 11.12” E</td>
</tr>
<tr>
<td>Main Platform</td>
<td>112° 39’ 11.94” E</td>
</tr>
</tbody>
</table>

### c. Jetty 3: FOR LIQUID CARGO
- 1 (one) berth
- Ships of various size from 500 DWT – 10,000 DWT
- Maximum LOA is 95 m and the minimum parallel body length is 27 m
- The maximum vessel loaded draught is – 9.5 M LWS.

<table>
<thead>
<tr>
<th>Coordinates</th>
<th>Plant Grid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Easting</td>
</tr>
<tr>
<td>Main Platform</td>
<td>112° 39’ 12.89” E</td>
</tr>
</tbody>
</table>

### d. Jetty 4: FOR DRY BULK CARGO
- 2 (two) berths
- Outside berth: Ships of various size from 500 DWT – 40,000 DWT with maximum LOA is 180 m and the minimum parallel body length is 17 m; depth 11 M but with special pilot arrangement.
- Inside berth: Ships of various size from 500 DWT – 10,000 DWT with maximum LOA is 130 m and the minimum parallel body length is 17 m, depth 10 M LWS.

<table>
<thead>
<tr>
<th>Coordinates</th>
<th>Plant Grid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Easting</td>
</tr>
<tr>
<td>Platform – point 1</td>
<td>112° 39’ 11.80” E</td>
</tr>
<tr>
<td>Platform – point 2</td>
<td>112° 39’ 12.78” E</td>
</tr>
<tr>
<td>Platform – point 3</td>
<td>112° 39’ 12.76” E</td>
</tr>
<tr>
<td>Platform – point 4</td>
<td>112° 39’ 11.78” E</td>
</tr>
</tbody>
</table>

### e. Jetty 5: FOR LIQUID BULK CARGO
- 6 (six) berths at the left and right side of 3 (three) platforms.
- Ships of various size from 500 DWT – 5,000 DWT (each) with maximum LOA is 100 m and the minimum parallel body length is 17 m.
- The maximum vessel loaded draught is – 8.0 M LWS.

<table>
<thead>
<tr>
<th>Coordinates</th>
<th>Plant Grid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Easting</td>
</tr>
<tr>
<td>Platform – point 1</td>
<td>112° 38’ 58.92” E</td>
</tr>
<tr>
<td>Platform – point 2</td>
<td>112° 38’ 58.90” E</td>
</tr>
<tr>
<td>Platform – point 3</td>
<td>112° 38’ 58.89” E</td>
</tr>
</tbody>
</table>

==0000==
SURABAYA PORT INFO

Name of Port : SURABAYA PORT
Use of Jetty /Berth : CONVENTIONAL SHIPS

1. Pilot Station (Kr Jamuang island): 06° 55’ – 768” S / 112° 43’ – 624” E

2. Anchorage position : 06° 52’ – 30” S / 112° 44’ – 38” E

3. Season :
   a. Rainy season : October - March
   b. Dry season : April – September

4. Channel :
   a. Old Channel :
      - Entering point : 06° 52’30” S / 112° 44’43” E
      - Depth/Width/Length : 8.4 M LWS / 100 M / 25 Sea Miles
      - Max draft permissable : 8.5 M
      - Channel Charge : NIL
   b. New Channel:
      - Entering point : 06° 51’25.766” S / 112° 44’51.384” E
      - Depth/Width/Length : 13.0 M LWS / 150 M / 25 Sea Miles
      - Max draft permissable : 13.0 M at high water tide
      - Channel dues :
         1) Foreign flag :
            a) Running rate : US$.0.4 – US$.0.5/GRT/ONE PASS
            b) New rate : Rp.3,500 / MT of cargo discharged or loaded (must be eff 1 Dec 16)
         2) Indonesian flag :
            a) Running rate : RP.1,500 – RP.2,500 / GRT/ONE PASS
            b) New rate : Rp.1,500/ MT of cargo discharged or loaded (must be eff 1 Dec. 16)

   a. North Jamrud (East Position No.001 – 500 ) – For Domestic Ferry:
      - Length 500 M
      - Depth 8 M – 10 M LWS
      - Vessel disch general cargo can use this passenger Jetty, but usually less than 1 day.
      - Out of Customs area therefore foreign vessel need permit from customs.
      - Vessel disch using ship’s cranes
      - Only available when free from passenger ship’s schedule.
   b. North Jamrud (Mid Position No. 500 - 800) - For Bag and General Cargo :
      - Length 300 m
      - Depth 9.1 m – 10 m LWS
      - Vessel works using ship’s cranes
      - Vessel can disch using shore crane max weight of crane 90 T
c. Nort Jamrud (West Position No. 800 – 1200) - For Dry Bulk Cargo:
   - Length 400 m
   - Depth 9.1 m – 10 m LWS
   - Vessel compulsory works using min 1 unit Harbour mobile crane for one gang. Other gangs can use Ship’s cranes.

d. West Jamrud (No. 000 – 220) - For Dry Bulk Cargo
   - Length 210 m
   - Depth 6.0 – 7.0 m LWS
   - Vessel compulsory works using min 1 unit Harbour mobile crane for one gang. Other gangs can use ship’s cranes.

e. South Jamrud (No.000 – 200) - For Dry Bulk Cargo
   - Length 200 m
   - Depth 8.0 m LWS
   - Vessel compulsory works using min 1 unit Harbour mobile crane for one gang. Other gangs can use ship’s cranes.
   - Out of customs area, therefore foreign vessel need permit from customs.
   - Non ISPS area.

6. Teluk Lamong Jetty: New Wharf For Multi Purpose
   - Length 500 M (250 m for container & 250 m for dry bulk)
   - Depth 13 M LWS
   - Now is under installation of conveyors for dry bulk cargo, but already start to give service by trucking.

7. BA Chart No. : NEED 2 DAYS FROM DATE OF ORDER


9. Pilot VHF channel : 12.14

10. Port Controll VHF Channel : 16

11. Security Level : Level 1 (Watchmen are recommended when ship alongside, unless the ship’s crews must be full aware)

12. Fresh water supply : Available

13. Fuel Oil/ Lub Oil : Available

14. Working time 24 hours with the following arrangement:
   a. Shift : Shift 1 (08:00 – 16:00), Shift 2 (16:00 – 24:00), shift 3 (00:00 – 08:00)
   b. Rest time : 11:30 – 13:00, 17:30 – 19:00, 23:00 – 01:00, 05:00 – 08:00
1 Berth Details

Jetty F-Type named: Jetty A, B and C

<table>
<thead>
<tr>
<th>Jetty</th>
<th>Max LoA</th>
<th>Max Draft</th>
<th>Max Beam</th>
<th>Air Draft</th>
<th>Length of Berth</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1-A2-A3</td>
<td>200 mtr</td>
<td>12 mtr</td>
<td>30 mtr</td>
<td>No Restriction</td>
<td>270 mtr</td>
</tr>
<tr>
<td>B1-B2</td>
<td>160 mtr</td>
<td>10 mtr</td>
<td>20 mtr</td>
<td>No Restriction</td>
<td>195 mtr</td>
</tr>
<tr>
<td>C-1</td>
<td>60 mtr</td>
<td>4.5 mtr</td>
<td>10 mtr</td>
<td>No Restriction</td>
<td>43 mtr</td>
</tr>
<tr>
<td>C-2</td>
<td>70 mtr</td>
<td>5 mtr</td>
<td>10 mtr</td>
<td>6 mtr</td>
<td>50 mtr</td>
</tr>
<tr>
<td>C-3</td>
<td>60 mtr</td>
<td>6 mtr</td>
<td>10 mtr</td>
<td>No Restriction</td>
<td>10 mtr</td>
</tr>
</tbody>
</table>

2 Loading and Discharge Facilities

<table>
<thead>
<tr>
<th>Liquid Cargo</th>
<th>Pipe Line</th>
<th>CPO</th>
<th>2 x 10 inch</th>
<th>MS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lauric Product</td>
<td>1 x 8 inch</td>
<td>MS</td>
<td></td>
</tr>
</tbody>
</table>
PFAD 1 x 12 inch MS
ROL 1 x 12 inch MS
RPS 1 x 12 inch MS
Oleo 2 x 8 inch SS
Methanol 1 x 10 inch MS
Biodiesel 1 x 12 inch MS
Air P’line 1 x 6 inch MS
N2 P’line 1 x 4 Inch MS

Propose new P’Line
Olefin 1 x 10 inch MS
Butane 1 x 10 inch MS
1 x 6 inch MS
FA Low IV 1 x 8 inch MS
ME 1 x 10 inch MS
Caustic 1 x 6 inch MS
Molasses 1 x 10 inch MS

Flexible Hose
SS 8’ x 6 mtr 29 pcs
SS 6’ x 6 mtr 13 pcs
Rubber 6” x 6 mtr 40 pcs

Hose in ordering
SS 8” x 6 mtr 30 pcs
SS 6” x 6 mtr 10 pcs

Steger
2 pcs

Bulk and in Bags Cargo

Heavy Equipment 25 ton Telescopic shore crane 2 units
5 ton Forklift 1 unit
Belt conveyor for Kernel and fertilizer 1 set
Hopper 5x7 mtr 4 unit
pkm loader 1 set
Grab cap 5 ton 3 units
Grab cap 7 ton 3 units
grab cap 3.5 ton 2 units
Fix Crane with Cap 5 ton each 2 units

3 Loading Rate
Loading rate for Palm Oil Product (ROL, RPS, PFAD) 400 TPH
Loading rate for PKM 2000 TPD
Disch rate for PK 700 TPD
Disch rate for pertilizer in bulk 9000 TPD
Loading Pertilizer in bag 700 TPD

4 Other Facilities
- Oil Boom
  Bridgestone Oilboom with length +/- 360 mtr
- Yokohama Fender
  2 set Yokohama Fender with dimension 1.5 x 3 mtr
  for STS Operation
- Speed Boat
  Patrol S.boat with L: 6.5 mtr and 85 HP Yamaha engine
- Blackmer Pump
  2 units
- bosster pump cpo
  4 units 75 KW In progress installation
- Harbour tug
  in order
5 Tank Capacity (Storage and Production)

<table>
<thead>
<tr>
<th></th>
<th>Bounded Zone</th>
<th>Non Bounded Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refinery</td>
<td>81,500 MT</td>
<td>Refinery</td>
</tr>
<tr>
<td>Biodiesel</td>
<td>68,000 MT</td>
<td></td>
</tr>
<tr>
<td>Oleo chem</td>
<td>48,780 MT</td>
<td></td>
</tr>
</tbody>
</table>

6 Distance to Shore Tank

<table>
<thead>
<tr>
<th></th>
<th>Bounded Zone</th>
<th>Non Bounded Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1700 mtr</td>
<td>1500 mtr</td>
</tr>
</tbody>
</table>

7 Tidal Restriction

<table>
<thead>
<tr>
<th></th>
<th>Outer Berth</th>
<th>Inner Berth</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Vessel is berthed and unberthed at any time on</td>
<td>The vessel is permitted to berth only when high tide and</td>
<td></td>
</tr>
<tr>
<td>Favourable Current</td>
<td>tidal stream moving to south</td>
<td></td>
</tr>
</tbody>
</table>

8 Navigation Sign

- WINA port are equipped with 2 Spar buoy, 2 Beacon Pile and 1 Light Tower

9 General Information

- Pilotage and Tug boat is mandatory during berthing/unberthing process
- Ships crew not allowed to go a shore without escorted by the agent & Permitted by WINA Port Supervisor
- Safety Gear must be worn (Helmet, Safety Shoes, life jacket) while a shore
- This Port is comply with ISPS Code
- This Port is 24 hrs working hrs including Sunday and Public Holiday
- FW bunker is permitted using truck loosing