

## PORT INFO INDONESIA TARAHAN COAL TERMINAL

| GENERAL INFORMATION              |                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GEOGRAPHIC LOCATION              | : 5°29' S., 105° 13'E                                                                                                                                                           |
| ANCHORAGE POSITION               | : Lat 05-28-55 South / Long 105-17-20 East                                                                                                                                      |
| PILOT POSITION                   | : Lat. 05-31-05 S / Long. 105-20-21 E                                                                                                                                           |
| TERMINAL POSITION                | : Lat 05-31-05 South / Long 105-19-30 East                                                                                                                                      |
| LOCATION                         | : SOUTH COAST OF SUMATRA 30 NM WEST OF<br>THE PANJANG PORT                                                                                                                      |
| MAX LOA                          | : 229.50 metres                                                                                                                                                                 |
| MAX BEAM                         | : 32.25 metres                                                                                                                                                                  |
| MAX DRAFT                        | : 14.00 metres ( even keel )                                                                                                                                                    |
| LENGTH OF WHARF                  | : 175 metres                                                                                                                                                                    |
| NO OF MOORING DOLPHINS           | : 2 DOLPHINS & 4 BOLARDS                                                                                                                                                        |
| DISTANCE BETWEEN DOLPHINS        | : 24.5 metres                                                                                                                                                                   |
| DEPTH OF BERTH                   | : 13.5 mtrs LWS                                                                                                                                                                 |
| DEPTH OF TURNING BASIN           | : 13.6 - 20.0 metres                                                                                                                                                            |
| CHANNEL                          | : NORMAL MANOEUVERS - NO CHANNEL                                                                                                                                                |
| MAX. PERMISSIBLE DRAFT           | : 15 metres                                                                                                                                                                     |
| AIR DRAFT FOR ALONGSIDE          | : MIN. 14.75 m - MIN. 17.0 m                                                                                                                                                    |
| UNDER KNEEL CLEARANCE            | : 1.0 metre while on berth<br>1.0 while on turning basin                                                                                                                        |
| WATER DENSITY                    | : 1.020 - 1.022/Tropical                                                                                                                                                        |
| CARGO & STORAGE FACTOR           | : IN BULK - 42 up to 44 CF/MT                                                                                                                                                   |
| TIDAL SITUATIONS                 | : MHWS : 1.45 m                                                                                                                                                                 |
| MEAN TIDE                        | : 0.80 MLWS 0.15 m                                                                                                                                                              |
| TELEX/VHF                        | : 26221-26236 PCPJG IA                                                                                                                                                          |
| NAME OF STATION                  | : PKC 49 & PKC 9<br>FREQUENSI (KHZ/MHZ) 4055.000/995000                                                                                                                         |
| BERTHING/UNBERTHING              | : ANY TIME                                                                                                                                                                      |
| PILOTAGE                         | : COMPULSORY                                                                                                                                                                    |
| TUGGAGE                          | : COMPULSORY                                                                                                                                                                    |
| FRESH WATER                      | : AVAILABLE                                                                                                                                                                     |
| BUNKER SUPPLY                    | : UNAVAILABLE                                                                                                                                                                   |
| PILOT STATION                    | : VHF CHANNEL 12                                                                                                                                                                |
| OTHERS                           | : FOR GENERAL CARGO & CONTAINER/TANKER                                                                                                                                          |
| <b>LOADING FACILITIES</b>        |                                                                                                                                                                                 |
| OUT REACHED/SHUTTLE              | : 29.5 m - ELEVATION ANGLE 15 DEGREE                                                                                                                                            |
| CLEAR HEIGHT                     | : 15.0 ABOVE MHWS                                                                                                                                                               |
| TRAVELING DISTANCE               | : 120 m                                                                                                                                                                         |
| LOADING RATE                     | : 25,000 (on WWDSHINC basis)<br>1,500 MT up to 3,000 MT per hour, if the vessel without Boom/derrick (gearless vessel)<br>loading rate will be 2,500 MT up to 4,000 MT per hour |
| NOMINAL LOADING                  | : Depend on the vessel construction and DWT of the                                                                                                                              |
| LOADING METHOD                   | : One Ship Loader                                                                                                                                                               |
| DISCHARGE CAPACITY OF SHIPLOADER | : 5,000 tph                                                                                                                                                                     |
| TOTAL CAPACITY OF STOCKPILE      | : 560,000 MT                                                                                                                                                                    |
| DESIGNED THROUGHPUT              | : 12 MILLION TONNE/YEAR                                                                                                                                                         |
| OPERATOR                         | : PT TAMBANG BATUBARA BUKIT ASAM TBK                                                                                                                                            |

| BERTHS                                                                                                                                                 |                                                                     |                                                                                                                                    |                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NAME/NO                                                                                                                                                | LENGTH (M)                                                          | WIDTH                                                                                                                              | DEPTH                                                                                                                      |
| BERTH "A"                                                                                                                                              | 182 M                                                               | 15,25 M                                                                                                                            | 8,5 MLWS                                                                                                                   |
| BERTH "B"                                                                                                                                              | 150 M                                                               | 15 M                                                                                                                               | 8,5 MLWS                                                                                                                   |
| BERTH "C"                                                                                                                                              | 140 M                                                               | 20 M                                                                                                                               | 7 MLWS                                                                                                                     |
| BERTH "D"                                                                                                                                              | 487 M                                                               | 39 M                                                                                                                               | 12 MLWS                                                                                                                    |
| BERTH "E"                                                                                                                                              | 401 M                                                               | 30 M                                                                                                                               | 13 MLWS                                                                                                                    |
| PALM OIL cargo to berth :                                                                                                                              |                                                                     |                                                                                                                                    |                                                                                                                            |
| DELTA WHARF                                                                                                                                            |                                                                     |                                                                                                                                    |                                                                                                                            |
| - MAX DWT : 40000MT                                                                                                                                    |                                                                     |                                                                                                                                    |                                                                                                                            |
| - MAX DRAFT : 10.5MTR                                                                                                                                  |                                                                     |                                                                                                                                    |                                                                                                                            |
| - MAX LOA : 190 MTR                                                                                                                                    |                                                                     |                                                                                                                                    |                                                                                                                            |
| - DENSITY : 1.020 – 1.021                                                                                                                              |                                                                     |                                                                                                                                    |                                                                                                                            |
| - LOADING METHOD : from storage shipper tank will pump to vessel by flexible hose                                                                      |                                                                     |                                                                                                                                    |                                                                                                                            |
| ISAB WHARF                                                                                                                                             |                                                                     |                                                                                                                                    |                                                                                                                            |
| - MAX DWT : 50000MT                                                                                                                                    |                                                                     |                                                                                                                                    |                                                                                                                            |
| - MAX DRAFT : 14 MTR                                                                                                                                   |                                                                     |                                                                                                                                    |                                                                                                                            |
| - MAX LOA : 200 MTR                                                                                                                                    |                                                                     |                                                                                                                                    |                                                                                                                            |
| - DENSITY : 1.020 – 1.021                                                                                                                              |                                                                     |                                                                                                                                    |                                                                                                                            |
| - LOADING METHOD : from storage shipper tank will pump to vessel by flexible hose                                                                      |                                                                     |                                                                                                                                    |                                                                                                                            |
| Remark: Has experiences super tanker with LOA 229MTR                                                                                                   |                                                                     |                                                                                                                                    |                                                                                                                            |
| Other info : Currently have 2-3 call vessel for panjang port calling for loading PALM OIL<br>with shipper CARGIL to destination ROTTERDAM AND HAMBURG. |                                                                     |                                                                                                                                    |                                                                                                                            |
| STORAGE                                                                                                                                                |                                                                     |                                                                                                                                    |                                                                                                                            |
| 1. GODWN LINE I                                                                                                                                        | :                                                                   | SHED 001 3,600M2<br>SHED 002 960M2<br>SHED 003 1,200M2<br>SHED 004 720M2<br>SHED 005 2,220M2<br>SHED 006 875M2<br>SHED 007 3,000M2 | CAP 6,480 TONS<br>CAP 1,728 TONS<br>CAP 2,160 TONS<br>CAP 1,296 TONS<br>CAP 4,000 TONS<br>CAP 1,575 TONS<br>CAP 5,400 TONS |
| 2. OPEN STORAGE LINE I                                                                                                                                 | :                                                                   | A 1,000M2<br>B 800M2<br>C 10,708M2<br>D 12,285M2                                                                                   | CAP 1,800 TONS<br>CAP 1,440 TONS<br>CAP 19,383 TONS<br>CAP 22,133 TONS                                                     |
| CONTAINER YARD                                                                                                                                         | :                                                                   | WIDTH 45,000M2                                                                                                                     | CAP 4,935 TEUS                                                                                                             |
| CONTAINER FREIGHT STATION (CFS)                                                                                                                        | :                                                                   | AREA 6,000M2 CAP 8,400 TONS<br>AREA 45,000M3 CAP 4,953 TEUS                                                                        |                                                                                                                            |
| TOTAL AREA YARD                                                                                                                                        | :                                                                   | 6000M2 / CAPACITY --> 16,800 T/M2                                                                                                  |                                                                                                                            |
| TOTAL WAREHOUSE AREA                                                                                                                                   | :                                                                   | 12.382M2 / CAPACITY --> 24.447 T/M2                                                                                                |                                                                                                                            |
| EQUIPMENT                                                                                                                                              |                                                                     |                                                                                                                                    |                                                                                                                            |
| TYPE                                                                                                                                                   |                                                                     | QUANTITY                                                                                                                           | CAPACITY                                                                                                                   |
| MOBILE CRANE                                                                                                                                           |                                                                     | 2 UNITS                                                                                                                            | CAP 15 TONS                                                                                                                |
| FORKLIFT                                                                                                                                               |                                                                     | 8 UNITS                                                                                                                            | CAP 15 TONS                                                                                                                |
| FORKLIFT                                                                                                                                               |                                                                     | 1 UNIT                                                                                                                             | CAP 7,5 TONS                                                                                                               |
| FORKLIFT                                                                                                                                               |                                                                     | 3 UNITS                                                                                                                            | CAP 5 TONS                                                                                                                 |
| FORKLIFT                                                                                                                                               |                                                                     | 3 UNITS                                                                                                                            | CAP 3 TONS                                                                                                                 |
| FORKLIFT                                                                                                                                               |                                                                     | 8 UNITS                                                                                                                            | CAP 15 TONS                                                                                                                |
| FORKLIFT                                                                                                                                               |                                                                     | 2 UNITS                                                                                                                            | CAP 10 TONS                                                                                                                |
| FORKLIFT                                                                                                                                               |                                                                     | 5 UNITS                                                                                                                            | CAP 2 TONS                                                                                                                 |
| TUG BOATS                                                                                                                                              |                                                                     | 3 UNITS                                                                                                                            | POWER 978 HP & 1,700 HP                                                                                                    |
| PILOT BOAT                                                                                                                                             |                                                                     | 3 UNITS                                                                                                                            | POWER 140 HP & 630 HP                                                                                                      |
| PILOT STAFF                                                                                                                                            |                                                                     | 8 PILOTS                                                                                                                           |                                                                                                                            |
| GANTRY CRANE                                                                                                                                           |                                                                     | 1 UNIT                                                                                                                             |                                                                                                                            |
| TOP LEADER                                                                                                                                             |                                                                     | 3 UNITS                                                                                                                            | CAP 15 TONS                                                                                                                |
| SPREADER                                                                                                                                               |                                                                     | 2 UNITS                                                                                                                            | CAP 35 TONS                                                                                                                |
| HEAD TRUCKS                                                                                                                                            |                                                                     | 8 UNITS                                                                                                                            | CAP 40 TONS                                                                                                                |
| CHASIS                                                                                                                                                 |                                                                     | 16 UNITS                                                                                                                           | CAP 40'                                                                                                                    |
|                                                                                                                                                        |                                                                     | 4 UNITS                                                                                                                            | CAP 20'                                                                                                                    |
| OTHER USEFUL INFORMATION                                                                                                                               |                                                                     |                                                                                                                                    |                                                                                                                            |
| LOCAL TIME                                                                                                                                             | : 06:00 GMT = 14:00                                                 |                                                                                                                                    |                                                                                                                            |
| WHEATHER CONDITION                                                                                                                                     | : HIGHEST WAVE ABOUT 2 METERS                                       |                                                                                                                                    |                                                                                                                            |
|                                                                                                                                                        | MONTH OF OCCURRENCE NOVEMBER TO MARCH, TEMPERATURE ABOUT 27 CELCIUS |                                                                                                                                    |                                                                                                                            |
| WORKING HOURS                                                                                                                                          | : 24 HOURS/DAY, 7 DAYS/WEEK SHINC, EXCL. NATIONAL MAJOR HOLIDAY     |                                                                                                                                    |                                                                                                                            |
| TYPE OF TERMINAL                                                                                                                                       | : PUBLIC TERMINAL                                                   |                                                                                                                                    |                                                                                                                            |

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