

# *Final Report*

*for the Detailed Design Study*

*on the Urgent Rehabilitation Project*

*of*

# *Tanjung Priok Port*

*IN THE REPUBLIC OF INDONESIA*



**DRAFT BID DOCUMENT**

**Package 1: Channel and Basin Improvement**

Volume VI Drawings

*March 2006*

 **Nippon Koei Co., Ltd.**

 **Japan Port Consultants, Ltd.**



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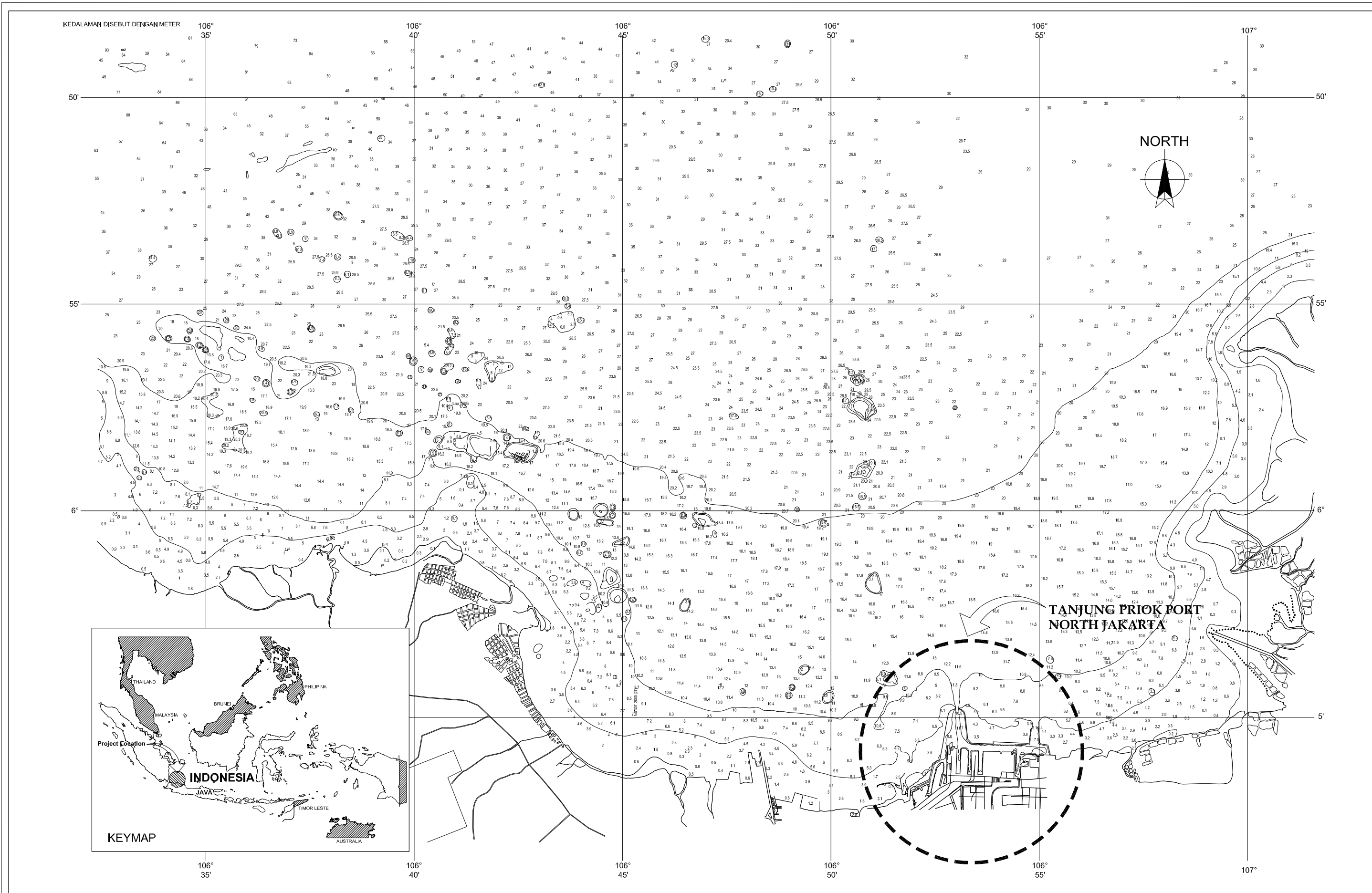
 **Japan Port Consultants, Ltd.**





# INDEX TO DRAWINGS



## CANNEL AND BASIN IMPROVEMENT


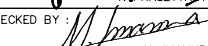
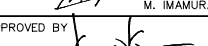
| DRAWING NUMBER | REV. | DRAWING TITLE                                   | VOL. | DRAWING NUMBER | REV. | DRAWING TITLE  | VOL. | <small>Lighted Buoy No.0 No.1 No.2</small><br>DRAWING NUMBER | REV. | DRAWING TITLE   | VOL. |
|----------------|------|---|------|----------------|------|--|------|--|------|---|------|
|                |      | <u>GENERAL (IP521/TGP-P-G-001)</u>              |      |                |      |  |      |  |      |   |      |
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| P-G-002        |      | Project Plan                                    |      | P-D-014        |      | Dredging Section – Turning Basin (2)                       |      |  |      | <u>NAVIGATION AIDS (IP521/TGP-P-N-001)</u>              |      |
| P-G-003        |      | Offshore Boring Location                        |      | P-D-015        |      | Dredging Section – Turning Basin (3)                       |      |  |      |   |      |
| P-G-004        |      | Geological Profile (1)                          |      | P-D-016        |      | Dredging Section – Turning Basin (4)                       |      | P-N-001  |      | Plan of Demolition/Relocation of Navigation Towers/Buoy |      |
| P-G-005        |      | Geological Profile (2)                          |      |                |      | <u>BREAKWATER (IP521/TGP-P-B-001)</u>                      |      | P-N-002  |      | Lighted Buoy No.0,No.1,No.2                             |      |
| P-G-006        |      | Geological Profile (3)                          |      |                |      |  |      | P-N-003  |      | 6m Navigation Tower (No.5)                              |      |
| P-G-007        |      | Geological Profile (4)                          |      | P-B-001        |      | Breakwater Relocation Plan                                 |      | P-N-004  |      | 10m Navigation Tower (No.7)                             |      |
| P-G-008        |      | Geological Profile (5)                          |      | P-B-002        |      | Plan and Section – New Dam Barat                           |      | P-N-005  |      | 20m Navigation Tower (No.4)                             |      |
| P-G-009        |      | Geological Profile (6)                          |      | P-B-003        |      | Head Treatment Plan and Section (1) New Dam Barat          |      | P-N-006  |      | 40m Navigation Sector Light Tower (No.8)                |      |
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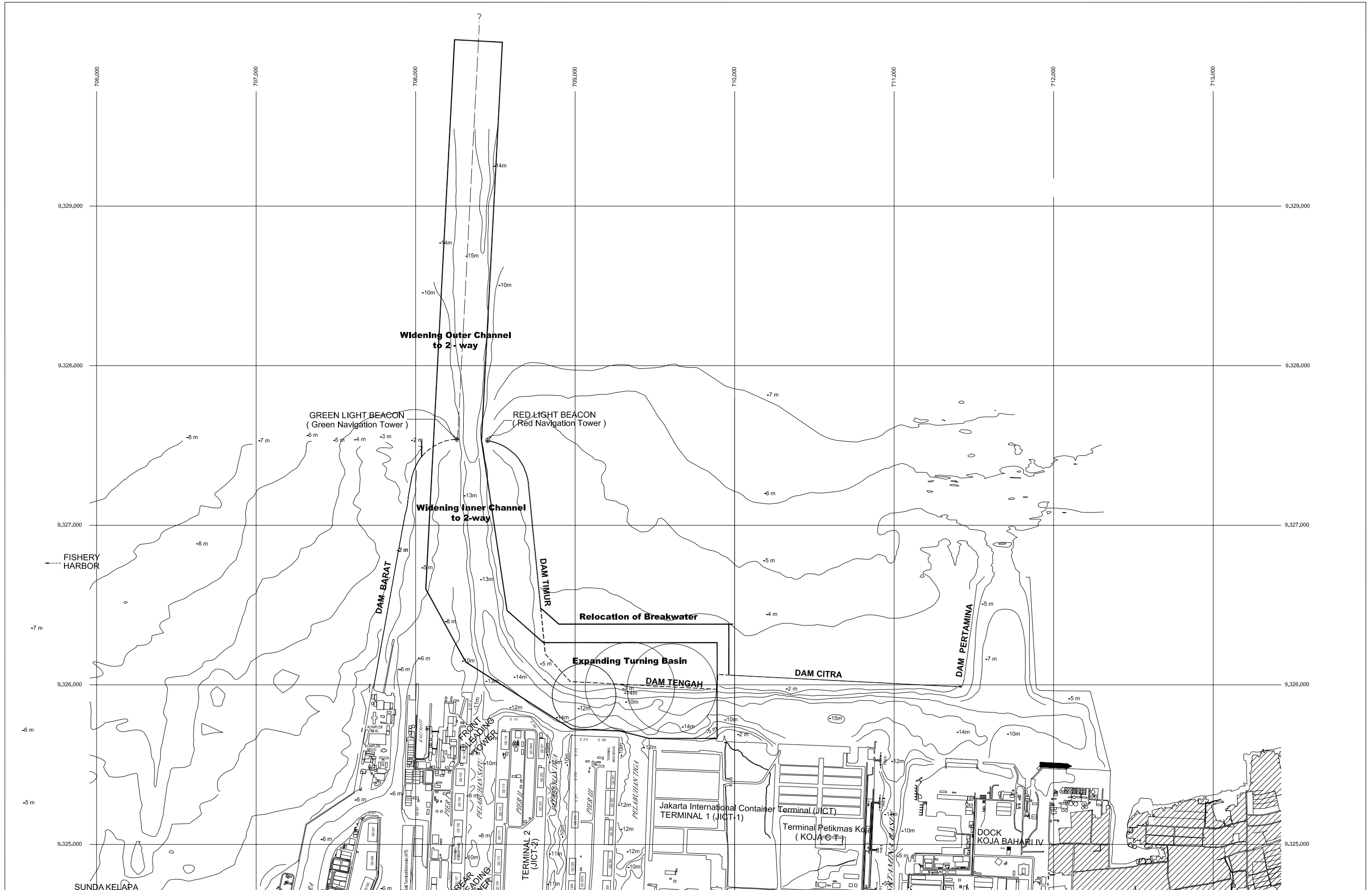

**JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)**  

**DIRECTORATE GENERAL OF SEA COMMUNICATION (DGSC)**

**THE DETAILED DESIGN ON THE URGENT REHABILITATION PROJECT OF THE TANJUNG PRIOK PORT IN THE REPUBLIC OF INDONESIA**  

**NIPPON KOEI CO., LTD.**  

**JAPAN PORT CONSULTANTS, LTD.**



PREPARED BY :   
 CHECKED BY :   
 APPROVED BY : 



SECTION : CHANNEL AND BASIN IMPROVEMENT  
 SUB-SECTION : GENERAL  
 TITLE : Project Location



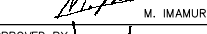
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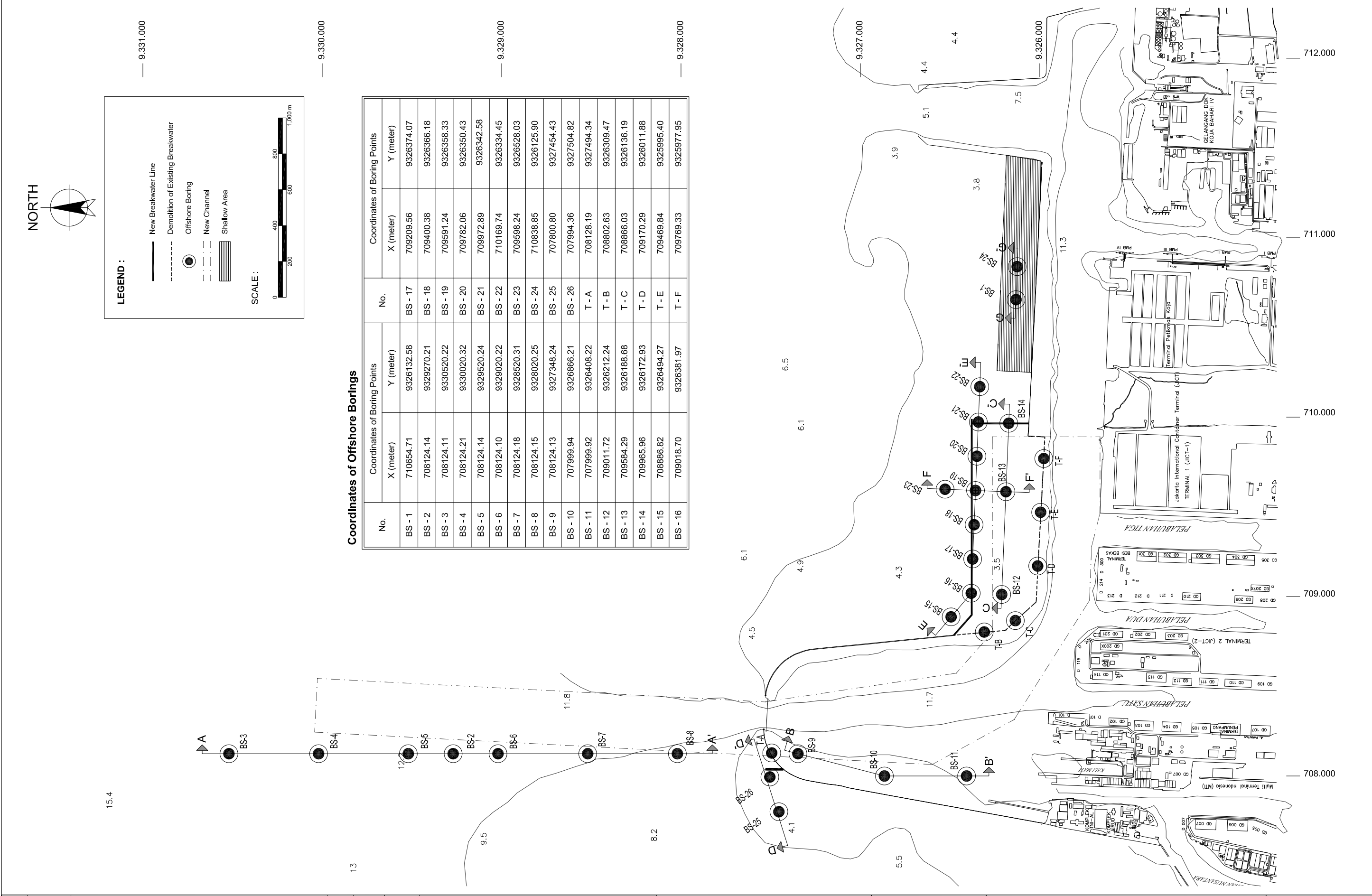

**JICA**  
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  

 DIRECTORATE GENERAL OF SEA COMMUNICATION (DGSC)

THE DETAILED DESIGN  
 ON THE URGENT REHABILITATION PROJECT  
 OF THE TANJUNG PRIOK PORT  
 IN THE REPUBLIC OF INDONESIA  

 NIPPON KOEI CO., LTD.  

 JAPAN PORT CONSULTANTS, LTD.

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 Y. PRASEYANTO  
 CHECKED BY :   
 M. IMAMURA  
 APPROVED BY :   
 K. OKUBO

SECTION : CHANNEL AND BASIN IMPROVEMENT  
 SUB-SECTION : GENERAL  
 TITLE : Project Plan

DATE : MARCH 2006  
 SCALE : N.T.S  
 DRAWING NO. : P-G-002



**LEGEND :**

- New Breakwater Line
- - - Demolition of Existing Breakwater
- Offshore Boring
- - - New Channel
- ▨ Shallow Area

**SCALE :**

0 200 400 600 800 1,000 m

**Coordinates of Offshore Borings**

| No.     | Coordinates of Boring Points |            | No.     | Coordinates of Boring Points |            |
|---------|------------------------------|------------|---------|------------------------------|------------|
|         | X (meter)                    | Y (meter)  |         | X (meter)                    | Y (meter)  |
| BS - 1  | 710654.71                    | 9326132.58 | BS - 17 | 709209.56                    | 9326374.07 |
| BS - 2  | 708124.14                    | 9329270.21 | BS - 18 | 709400.38                    | 9326366.18 |
| BS - 3  | 708124.11                    | 9330520.22 | BS - 19 | 709591.24                    | 9326358.33 |
| BS - 4  | 708124.21                    | 9330020.32 | BS - 20 | 709782.06                    | 9326350.43 |
| BS - 5  | 708124.14                    | 9329520.24 | BS - 21 | 709972.89                    | 9326342.58 |
| BS - 6  | 708124.10                    | 9329020.22 | BS - 22 | 710169.74                    | 9326334.45 |
| BS - 7  | 708124.18                    | 9328520.31 | BS - 23 | 709598.24                    | 9326528.03 |
| BS - 8  | 708124.15                    | 9328020.25 | BS - 24 | 710838.85                    | 9326125.90 |
| BS - 9  | 708124.13                    | 9327348.24 | BS - 25 | 707800.80                    | 9327454.43 |
| BS - 10 | 707999.94                    | 9326866.21 | BS - 26 | 707994.36                    | 9327504.82 |
| BS - 11 | 707999.92                    | 9326408.22 | T - A   | 708128.19                    | 9327494.34 |
| BS - 12 | 709011.72                    | 9326212.24 | T - B   | 708802.63                    | 9326309.47 |
| BS - 13 | 709584.29                    | 9326188.68 | T - C   | 708866.03                    | 9326136.19 |
| BS - 14 | 709965.96                    | 9326172.93 | T - D   | 709170.29                    | 9326011.88 |
| BS - 15 | 708886.82                    | 9326494.27 | T - E   | 709469.84                    | 9325995.40 |
| BS - 16 | 709018.70                    | 9326381.97 | T - F   | 709769.33                    | 9325977.95 |

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PREPARED BY : *A. E. Sulistiadi* A. E. SULISTIADI

CHECKED BY : *M. Shiguro* M. SHIGURO

APPROVED BY : *K. Okubo* K. OKUBO

SECTION : CHANNEL AND BASIN IMPROVEMENT

SUB-SECTION : GENERAL

TITLE : Offshore Boring and Seismic Tomography Locations

DATE : MARCH 2006

SCALE : 1:20000

DRAWING NO. : P-G-003