KAWASAKI STEEL TECHNICAL REPORT

No.36 (July 1987)

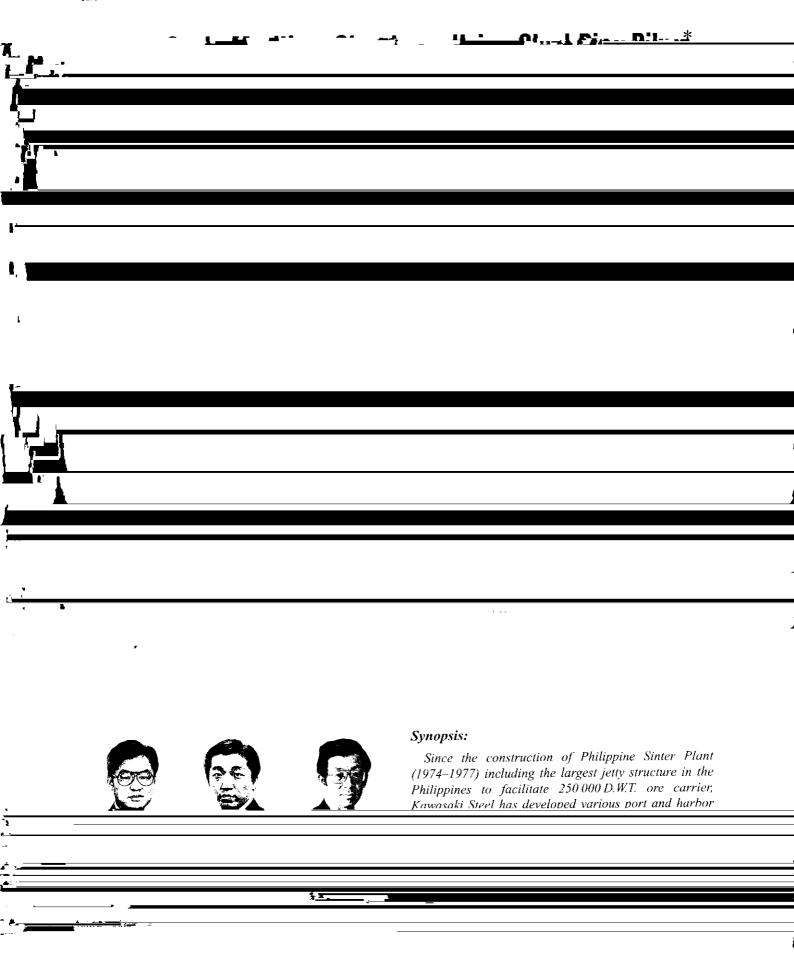
Overseas Engineering Operations

Large Scale Maritime Structures Using Steel Pipe Piles

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Synopsis:

Since the construction of Philippine Sinter Plant (1974-1977) including the largest jetty structure in the Philippines to facilitate 250 000 D.W.T. ore carrier, Kawasaki Steel has



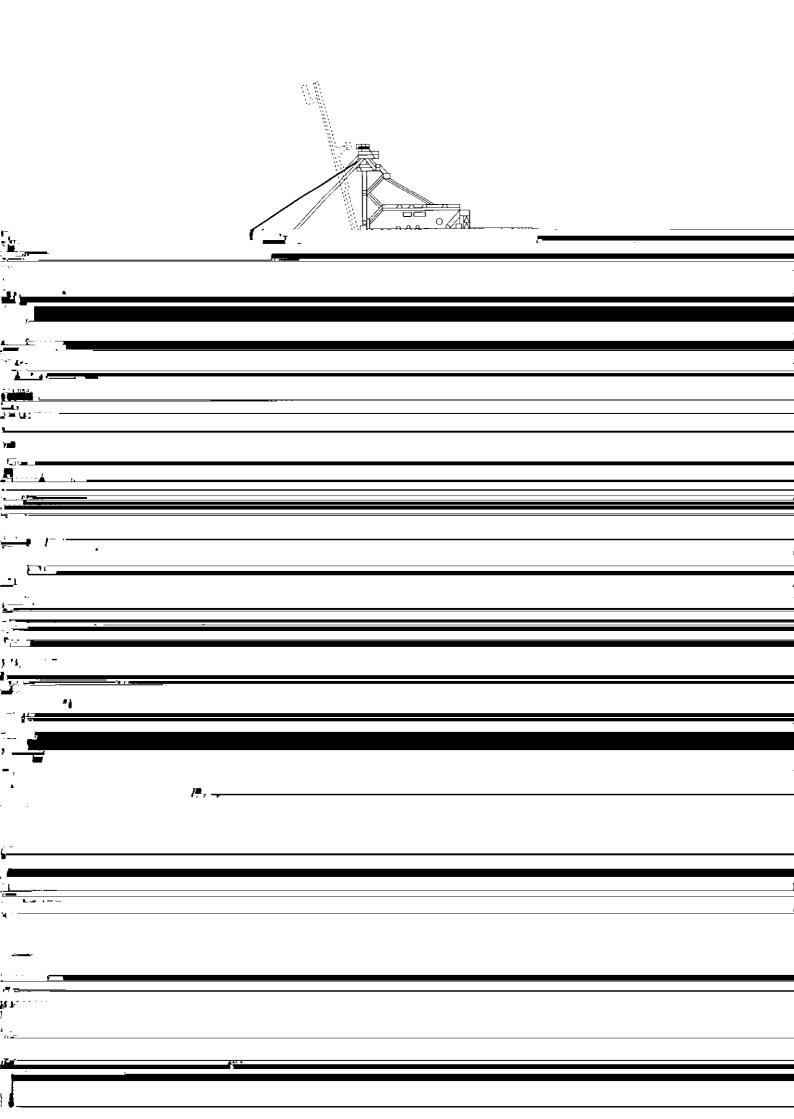


Table 1 Quantity of major material

| | Item | - <u> </u> | Description | Quantity | Q.D. 1.010 | Remarks | = E0 m |
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| - Reinfor | cement bar | (t) j | 2 150 | | | | |
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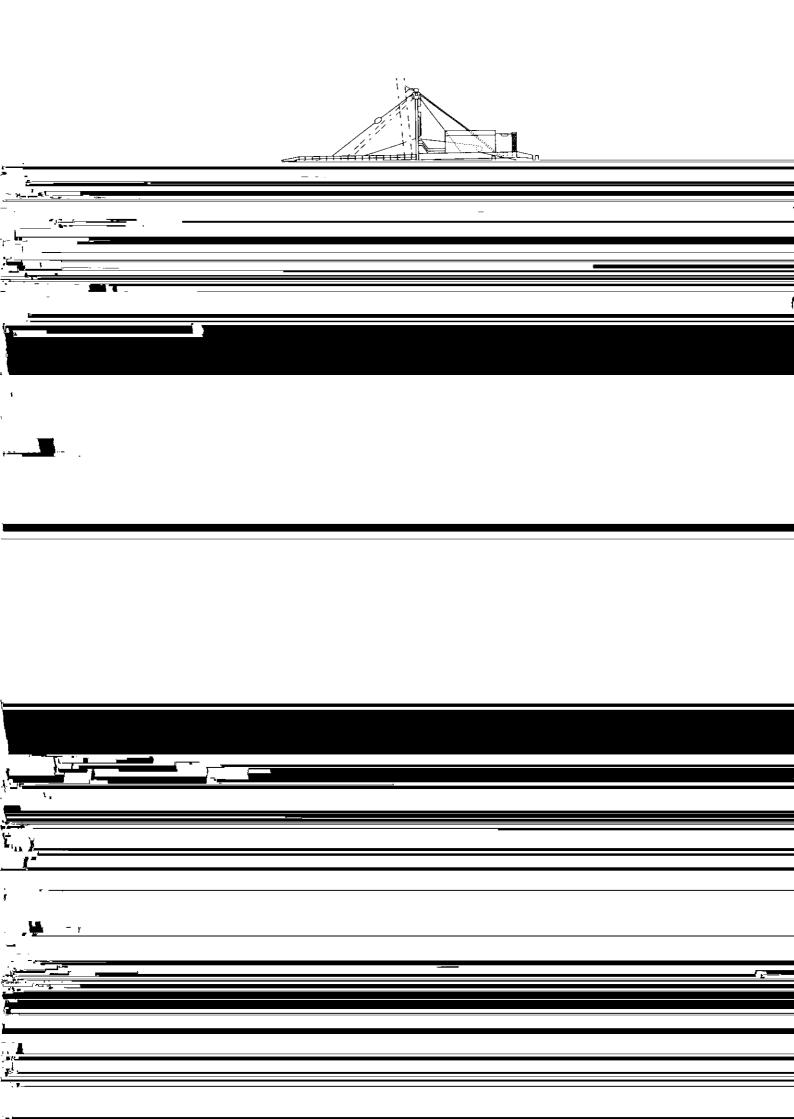


Table 2 Operation records of floating pile driving equipment

| | | - Table 2 Special | | | | -= |
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| Waters TC A | ¥ a č. 1 | | T., a., 1 | | <u> </u> | |
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| - | TO: : | / · · · · · · · · · · · · · · · · · | O.D. I 200 × 15 t | O.D. 500 × 12 t | NCD VI | |
| | Dimension | (mm) (mm) | O.D. $1200 \times 13 \text{ t}$ O.D. $800 \times 13 \text{ t}$ | O.D. $600 \times 12 \text{ t}$ O.D. $600 \times 12 \text{ t}$ | KSP VL | |
| | | | 3.50 | O.D. $800 \times 12 t$ | | |
| | <u></u> . | - km | | | | |
| _ | Length | (m) | 21.0-33.0 | 22,0-40.5 | 21.5 23.5 | |
| | Quantity | (pcs.) | 380 | 145 | 897 | |
| | Calender days | (d) | 71 | 21 | 63 | |
| | Operational days Non-operational days | (d) | 45 26 | 14 7 | 33 30 | |
| | (due to had weather) | (d) | 21 | 4 | 11 | |
| | Charles other | (3) | Ç | 7 | 10 | |
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Table 4 Comparison of supporting system Bracket type Prefabricated bracket Hanger type(2) Hanger type(1) Channel steel ∕ Binding