Abridged version

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Jacket Fabrication for Bom bay High Well Platforms

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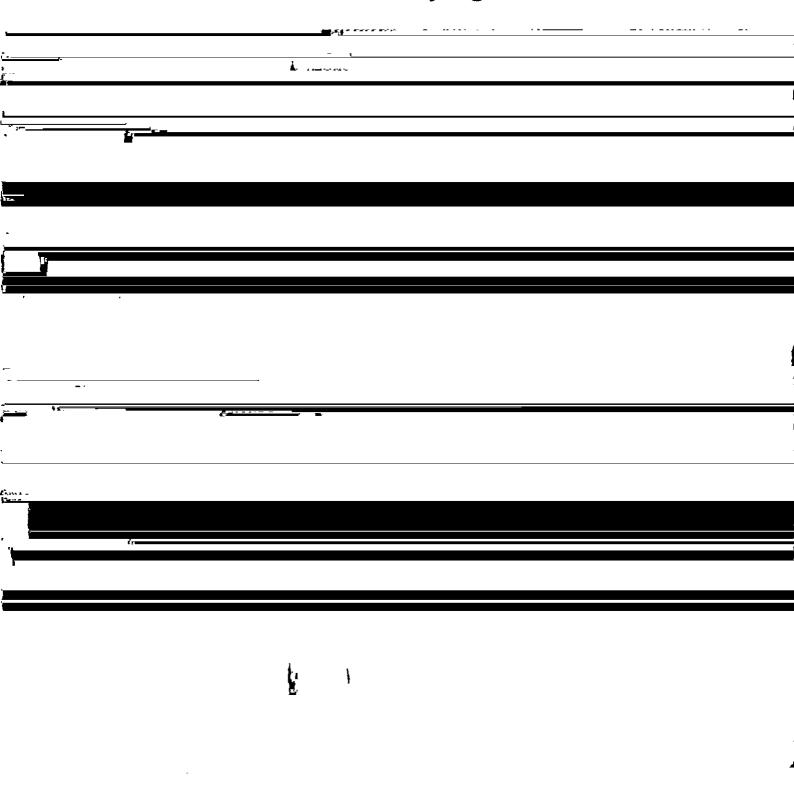
Synopsis:

Two steel jackets; one for well platforms and the other for living quarters, were designed, fabricated and delivered by Kawasaki Steel Corporation Engineering Division in 1981 to its client: the Oil and Natural Gas Commi ssion of India (ONGC) as one of sizeable orders ever received by Kawasaki Steel of its kind from anywhere. Fabrication sequence, scheduling, man power and production control procedure were elaborately discussed and determined. All the strict requirem ent for qualities described in ONGC's specification were satisfied and two jackets were shipped on time. This paper outlines the following features: (1) Fabrication (2) Fl ap-up of side panels (3) Loading out (4) Welding and dimensional control (5) Nondestructive inspection

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The body can be viewed from the next page.

$\textbf{Jacket Fabrication for Bombay High Well Platforms}^*$



Two steel jackets; one for well platforms and the other for living quarters, were designed, fabricated and delivered by Kawasaki Steel Corporation Engineering Division in 1981 to its client: the Oil and Natural Gas Commission of India (ONGC) as one of

Table 1 Dimension of jacket and scope of work

It	tem	SR jacket	SLQ jacket	
	Height (m)	85	86 Top : 13.7×15.2 Bottom: 35×36	
Jacket	Width (m)	Top : 15.5×6.5 Bottom : 27.8×27		
	Weight (t)	1 290	1 497	
Pile	Main	$\phi 1 219 \times t 32/44.5 \times t 181/193 \text{ m} \times 4$	$\phi 1 371.6 \times t 38.1 \times l 176 \text{ m} \times 4$	
rne	Skirt	ϕ 1 219×t25/38×l94 m×2	ϕ 1371.6× t 38.1× l 107 m×4	

		Skirt	ϕ 1 219×t25/38×l94 m×2	ϕ 1371.6×t38.1×l107 m×4
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	Scope		Habrication	
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	Scope	Be toen cou		Design fabrication, transportation
		JBS 4260 50D		Design fabrication, transportation
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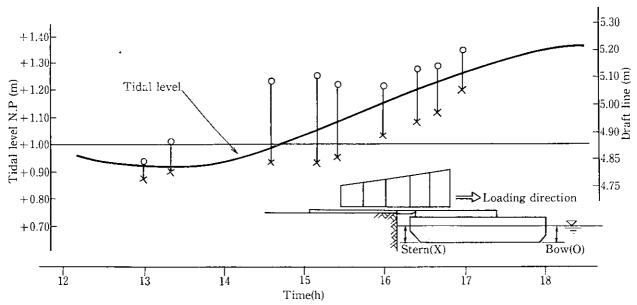


Fig. 4 Change of tidal level and draft controlled by ballasting



Table 2 An example of measured root gap of T-, K-, and Y-joint

		<u>It</u> em		T-joint		K-•Y-joint	
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	·	Average/ Number of samples	2.9/11 4.7	12 3.3 12 3.6	12 3.3/16	3.2 16 4.3 16 5.6	
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Table 4 API RP-2X reject criteria for tubular T-, K-, and Y-joint

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