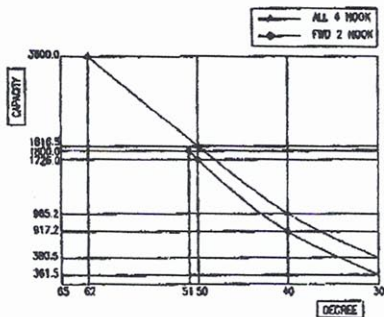


LIFTING CAPACITY CURVE



Ho Angle (Deg.)	LIFTING CAPACITY (Metric-Ton)	OUT REACH (M)		LIFTING HEIGHT (M)	
		FORW	AFT	FORW	AFT
30.0	381	103.4	91.5	52.8	45.9
35.0	690	97.3	85.9	62.3	55.5
40.0	996	90.2	78.6	73.2	64.5
45.0	1348	82.3	72.5	82.6	73.0
50.0	1817	73.7	66.6	91.3	80.9
55.0	2518	64.3	59.4	99.2	89.1
60.0	3208	54.3	47.4	106.4	94.6
65.0	3600	50.2	43.6	109.0	97.1

BIBLIOGRAPHY

DATE	REV	DESCRIPTION	CHKD	CRD	APPD
2008-1-29	1	DESIGNED BY SABC DESIGN TEAM	3/2/08	3/2/08	3/2/08

PRINCIPAL PARTICULARS

<b>Barge part</b>		
Length	O. A : 110.00 M	
Length	S. P : 110.00 M	
Breadth	(M.L.D) : 48.00 M	
Depth	(M.L.D) : 7.50 M	
Draft	(Design) : 5.00 M	
<b>Cranes part</b>		
Type	: 2 truss jib lifting type	
Main hoist (Lift angle 62°)		
Rated load	: 3600ton (500ton x 4sets)	
Out reach	: 47.0 m	
Lifting speed	: 1,1 - 3 m/min	
Main hoist winch	: 100/50ton X 14.4/28.7m/min	4sets
Aux. hoist winch	: 15/7.5ton X 15/30m/min	8sets
Luffing winch	: 72 ton X 19.35m/min	4sets
<b>Deck Machinery</b>		
Anchor winch	: 40/13.2 ton X 15/45m/min	8sets
Windlasses	: 80/40 ton X 6/12m/min	1set
<b>Machinery</b>		
Main engine	: 1264kw X 720rpm	2sets
Generator	: 1200kw X 450v	2sets
Aux. engine	: 357kw X 1800 rpm	1set
Aux. generator	: 328kw X 450v	1set
Harbour Generator	: 176kw X 660v X 1800rpm	1set

HAUL NO	EMPH-091	IMO NO	NOVE
OWNER	RAMBOLD GROUP P & O DEPARTMENT CO LTD	SHIP NAME	SHANGHAI 4002
DESIGN	SUBJECT : 270 TON LIFTING CRANE		
DATE	<b>GENERAL ARRANGEMENT (2/2)</b>		
SCALE	1/200	DATE	2008-11-28
DESIGNER		CHKD	3/12/08
DWG NO	045-043		