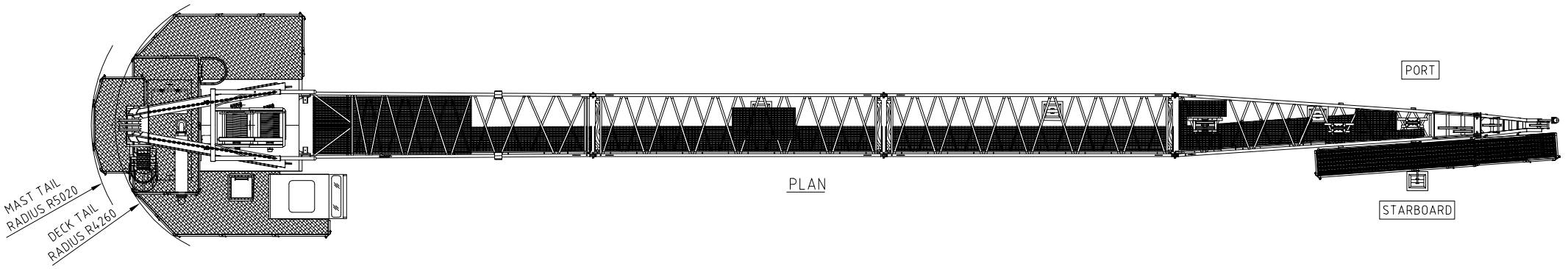
FORM.FFCM-QA-01P-08B



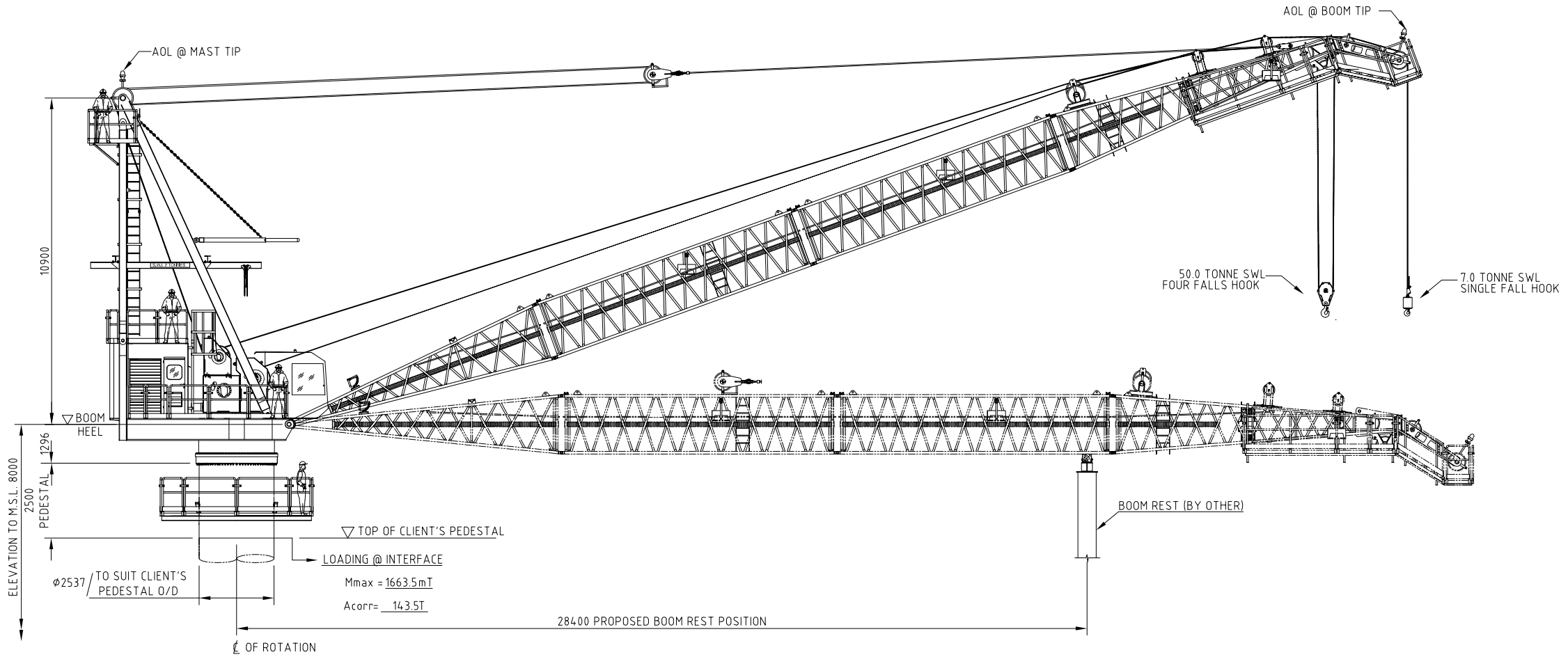
PLAN

8/10K LOAD CHART

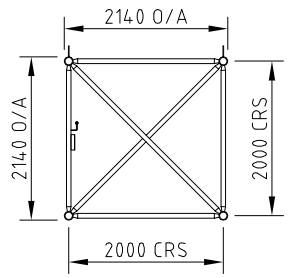
36.6m BOOM - MAIN HOIST 4 FALLS

RADIUS (METER)	BOOM ANGLE (DEGREES)	SAFE WORKING LOAD (IN TONNES)					
		SWH : 0.5m		SWH : 1.0m		SWH : 1.5m	
		ONBOARD	OFFBOARD	ONBOARD	OFFBOARD	ONBOARD	OFFBOARD
6.9	83.1	50.0	50.0	50.0	50.0	50.0	20.0
8.0	81.4	50.0	50.0	50.0	50.0	50.0	20.0
10.0	78.2	50.0	50.0	50.0	50.0	50.0	20.0
12.0	75.0	50.0	49.5	50.0	43.0	49.1	20.0
14.0	71.7	48.5	42.8	47.5	37.0	42.1	19.7
15.0	70.0	44.8	39.8	43.9	34.5	39.2	18.4
16.0	68.4	41.5	37.2	40.8	32.3	36.6	17.2
18.0	64.9	36.1	32.7	35.5	28.5	32.3	15.2
20.0	61.4	31.8	29.0	31.3	25.4	28.7	13.6
22.0	57.7	28.3	26.0	27.9	22.9	25.8	12.3
24.0	53.9	25.3	23.4	25.0	20.7	23.3	11.2
26.0	49.9	22.8	21.2	22.6	18.9	21.2	10.3
28.0	45.6	20.8	19.4	20.6	17.4	19.4	9.6
30.0	41.0	19.0	17.8	18.8	16.1	17.9	9.0
32.0	35.8	17.4	16.4	17.3	15.1	16.5	8.5
34.0	29.9	16.1	15.2	16.0	14.2	15.4	8.2
36.0	22.7	15.0	14.1	14.8	13.5	14.4	8.1
37.0	18.0	14.4	13.7	14.3	13.4	13.9	8.0

AUX HOIST 7.0T SINGLE FALL @ ALL RADII & CONDITION
PERSONNEL LIFTING 1.4T @ ALL RADII & CONDITION
IN SERVICE OPERATING WIND SPEED: 20.0 m/s
OUT OF SERVICE (STOWED) WIND SPEED: 40.0 m/s
OFFLEAD & SIDELEAD ANGLE: 2.5 & 1.0 DEG. EACH



ELEVATION



BOOM CROSS SECTIONAL
@ BOOM REST

FOR TENDER PURPOSE ONLY

DRAWN	NCA	CHECKED	RBK	APPROVED	MBM

TECHNICAL DATA

AREA CLASSIFICATION :

CRANE : SAFE AREA

COMPONENTS WEIGHTS

MACHINERY DECK ASSEMBLY	:	31.5 T
MAST ASSEMBLY	:	6.0 T
BOOM ASSEMBLY	:	14.0 T
PEDESTAL ASSEMBLY	:	7.0 T
RIGGING WEIGHTS	:	5.0 T
TOTAL CRANE WEIGHTS	:	63.3 T

PRIME MOVER POWERPACK

DIESEL-HYDRAULIC

SLEW : 0-0.5 r.p.m (0-360°)

LUFF : 150 sec MAX. TO MIN. RADIUS APPROX

MAIN HOIST : 50T, 4 Falls 0-14.0 m/min

AUX. HOIST : 7T, 1 Fall 0-55.0 m/min AVERAGE

NOTES

1. THIS CRANE COMPLIES WITH API 2C 7TH EDITION
2. THIS CRANE AND ITS COMPONENTS ARE DESIGNED AND MANUFACTURED FOR INTERMEDIATE DUTY AS DEFINED IN API 2C 7TH EDITION
3. DIMENSIONS ARE IN MILIMETRES UNLESS SPECIFIED OTHERWISE
4. THIS DRAWING IS TO BE FOR QUOTATION REFERENCE ONLY. DESIGN MAY BE SUBJECTED TO CHANGES PENDING ON DETAILED ENGINEERING
5. THE INFORMATION PUBLISHED ON THIS DOCUMENT REMAINS THE PROPERTY OF FAVELLE FAVCO CRANES (M) SDN. BHD. AND MUST NOT BE USED, COPIED OR MANUFACTURED WITHOUT WRITTEN PERMISSION

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Muhibbah Engineering (M) Bhd

Title	Date	Model	Drawing Number	Rev.
GENERAL ARRANGEMENT	08/10/2012	8/10K	GA-12-323	B

Project	Bid Number
- - -	FFCM/S&M/BID/12/118