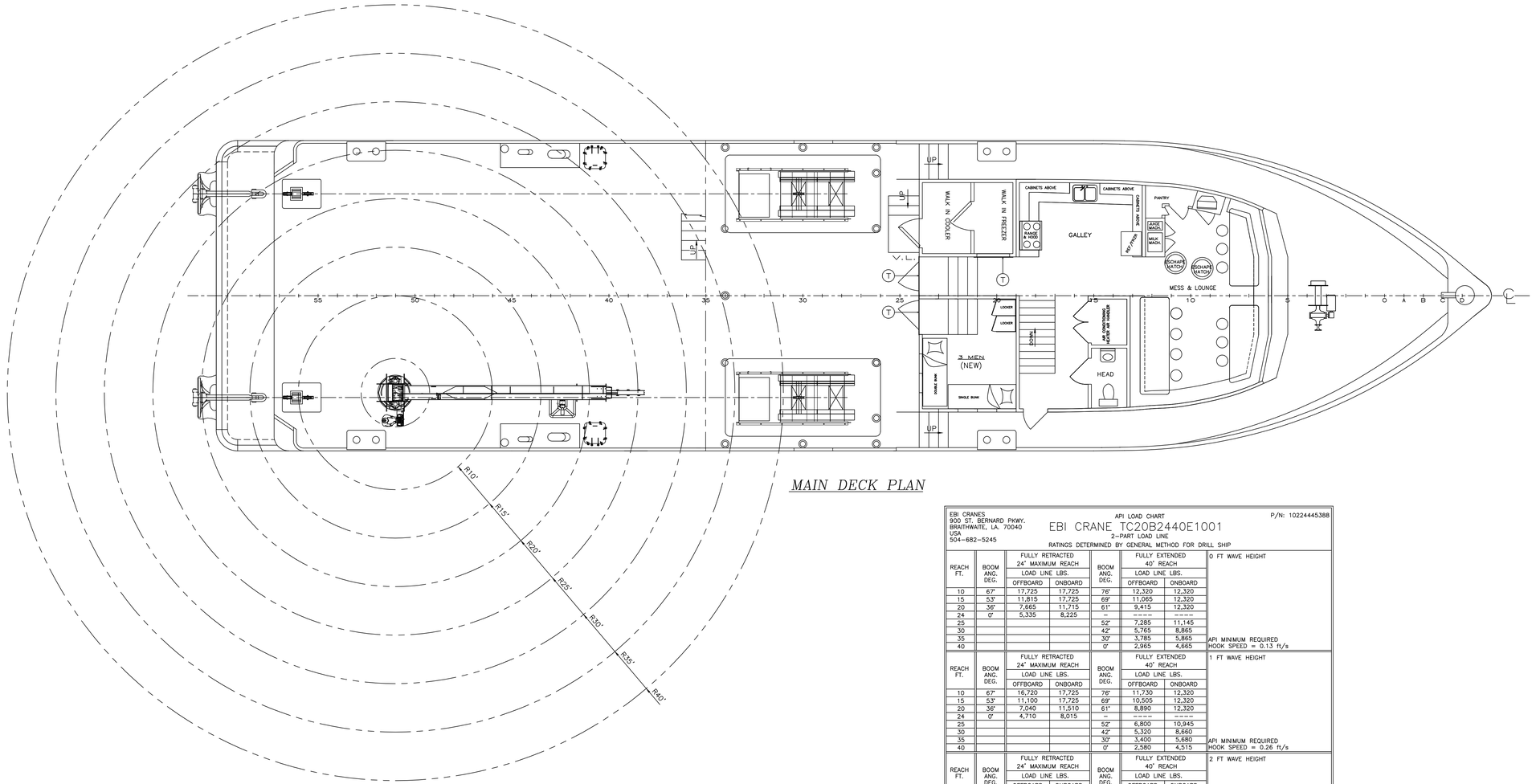
REVISIONS					
REV	ZONE	DESCRIPTION	DATE	BY	APP



MAIN DECK PLAN

EBI CRANES
900 ST. BERNARD PKWY.
BRAITHWAITE, LA. 70040
USA
504-682-5245

API LOAD CHART

EBI CRANE TC20B2440E1001

2-PART LOAD LINE

P/N: 10224445388

RATINGS DETERMINED BY GENERAL METHOD FOR DRILL SHIP

REACH FT.	BOOM ANG. DEG.	FULLY RETRACTED 24' MAXIMUM REACH LOAD LINE LBS. OFFBOARD	FULLY RETRACTED 24' MAXIMUM REACH LOAD LINE LBS. ONBOARD	BOOM ANG. DEG.	FULLY EXTENDED 40' REACH LOAD LINE LBS. OFFBOARD	FULLY EXTENDED 40' REACH LOAD LINE LBS. ONBOARD	0 FT WAVE HEIGHT
10	67°	17,725	17,725	76°	12,320	12,320	
15	53°	11,815	17,725	69°	11,065	12,320	
20	36°	7,665	11,715	61°	9,415	12,320	
24	0°	5,335	8,225	–	----	----	
25				52°	7,285	11,145	
30				42°	5,765	8,865	
35				30°	3,785	5,865	API MINIMUM REQUIRED
40				0°	2,965	4,665	HOOK SPEED = 0.13 ft/s

REACH FT.	BOOM ANG. DEG.	FULLY RETRACTED 24' MAXIMUM REACH LOAD LINE LBS. OFFBOARD	FULLY RETRACTED 24' MAXIMUM REACH LOAD LINE LBS. ONBOARD	BOOM ANG. DEG.	FULLY EXTENDED 40' REACH LOAD LINE LBS. OFFBOARD	FULLY EXTENDED 40' REACH LOAD LINE LBS. ONBOARD	1 FT WAVE HEIGHT
10	67°	16,720	17,725	76°	11,730	12,320	
15	53°	11,100	17,725	69°	10,505	12,320	
20	36°	7,040	11,510	61°	8,890	12,320	
24	0°	4,710	8,015	–	----	----	
25				52°	6,800	10,945	
30				42°	5,320	8,660	
35				30°	3,400	5,680	API MINIMUM REQUIRED
40				0°	2,580	4,515	HOOK SPEED = 0.26 ft/s

REACH FT.	BOOM ANG. DEG.	FULLY RETRACTED 24' MAXIMUM REACH LOAD LINE LBS. OFFBOARD	FULLY RETRACTED 24' MAXIMUM REACH LOAD LINE LBS. ONBOARD	BOOM ANG. DEG.	FULLY EXTENDED 40' REACH LOAD LINE LBS. OFFBOARD	FULLY EXTENDED 40' REACH LOAD LINE LBS. ONBOARD	2 FT WAVE HEIGHT
10	67°	15,855	17,725	76°	11,135	12,320	
15	53°	10,350	17,700	69°	9,930	12,320	
20	36°	6,400	11,485	61°	8,345	12,320	
24	0°	4,070	7,990	–	----	----	
25				52°	6,310	10,910	
30				42°	4,865	8,630	
35				30°	3,000	5,670	API MINIMUM REQUIRED
40				0°	2,150	4,500	HOOK SPEED = 0.46 ft/s

REACH FT.	BOOM ANG. DEG.	FULLY RETRACTED 24' MAXIMUM REACH LOAD LINE LBS. OFFBOARD	FULLY RETRACTED 24' MAXIMUM REACH LOAD LINE LBS. ONBOARD	BOOM ANG. DEG.	FULLY EXTENDED 40' REACH LOAD LINE LBS. OFFBOARD	FULLY EXTENDED 40' REACH LOAD LINE LBS. ONBOARD	3 FT WAVE HEIGHT
10	67°	14,930	17,725	76°	10,490	12,320	
15	53°	9,570	17,625	69°	9,310	12,320	
20	36°	5,735	11,430	61°	7,770	12,320	
24	0°	3,440	7,950	–	----	----	
25				52°	5,790	10,860	
30				42°	4,390	8,600	
35				30°	2,600	5,640	API MINIMUM REQUIRED
40				0°	1,760	4,480	HOOK SPEED = 0.65 ft/s

REACH = CENTER OF BASE ROTATION TO CENTER OF LOAD LINE SHEAVE.

VALUES SHOWN ARE HOOK LOADS.
EBI LOAD LINE BLOCK AND HOOK WEIGHT IS 435 LBS.
THE LOADS SHOWN ARE LESS THAN THE ALLOWABLES TO ACCOUNT FOR THE WEIGHT OF THE BLOCKS AND HOOKS.

LOAD LINE: 2-PART LINE, 5/8" DYFORM 18
45,400 LBS. NOMINAL STRENGTH
9,080 LBS. WORKING.

PERSONNEL HANDLING LOAD = LESSER OF: OFFBOARD LOAD DIVIDED BY 2 OR NOMINAL STRENGTH DIVIDED BY 10.
CRANE MOUNTED ONBOARD VESSEL: M/V Ms. KERCI

API PEDESTAL REACTIONS:
MAX. OTM = 763,559 FT. LBS.
MAX. AXIAL = 73,334 LBS.

C-DIVE

P.O. BOX 2968 HOUMA, LA. 70361

M/V MS. KERCI

120'x32'x12' DIVE SUPPORT VESSEL A & B INDUSTRIES - HULL # 304

CRANE RADIUS

GREENWOOD MARINE MANAGEMENT

300 EVERETT ST. MORGAN CITY, LOUISIANA 70380

GUIDROZ DRAFTING SERVICE, INC.
P.O. BOX 109 BERWICK, LA 70342

SCALE: N.T.S.	DATE: 5/5/14	CHECKED:
DRAWN: R.G.	DWG. NO. 1756-12030117	
APP'D.	SHEET 1 OF 1	REV.