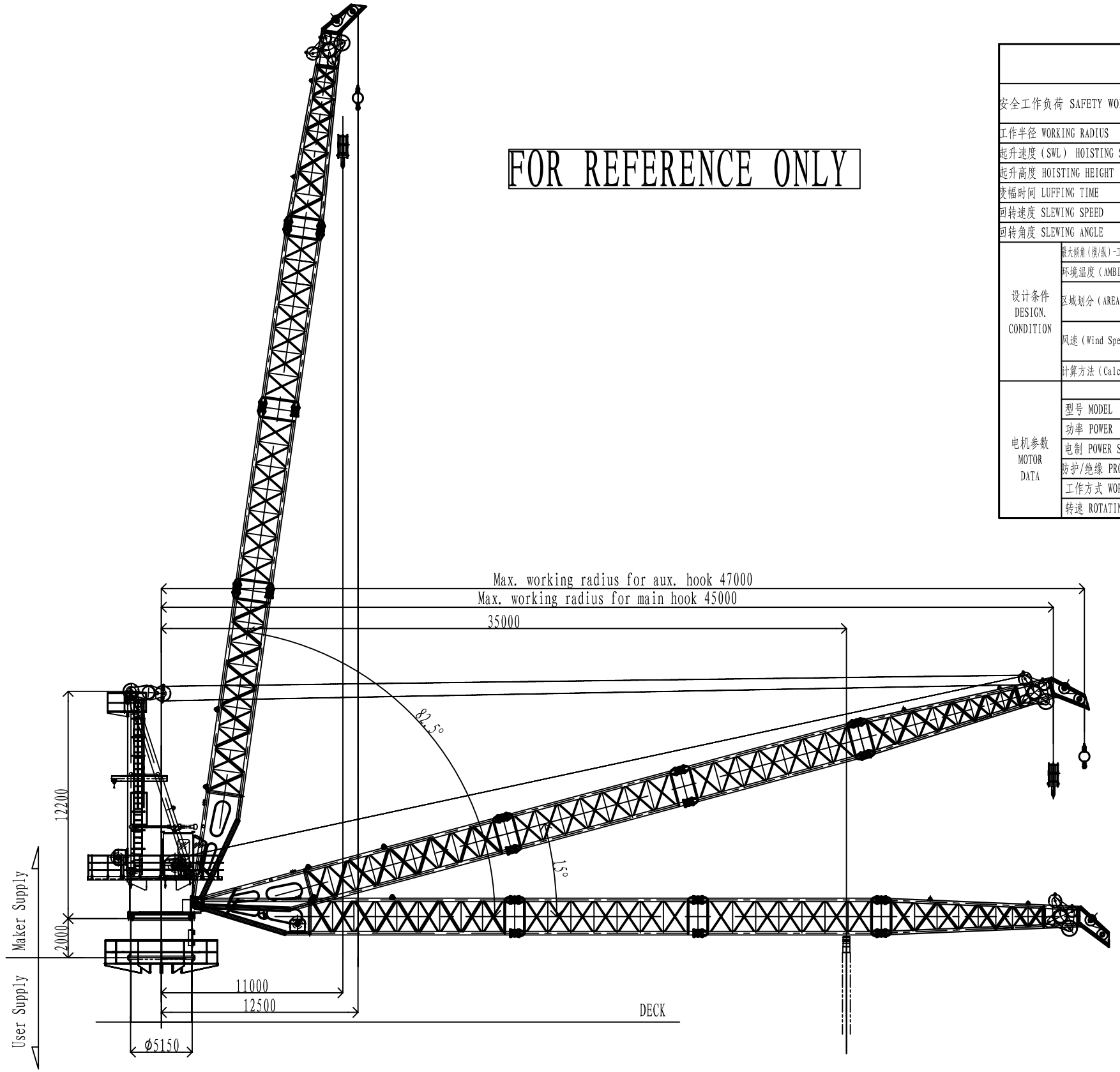
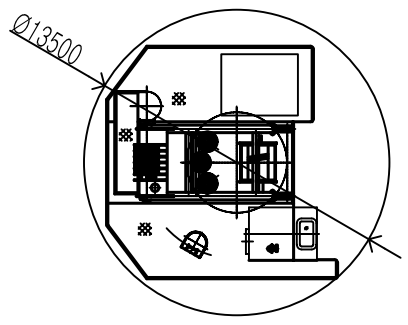
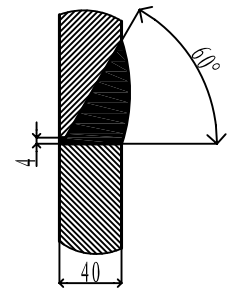
FOR REFERENCE ONLY





技术参数 TECHNICAL DATA					底座对接示意图 WELDING OF PEDESTAL
安全工作负荷 SAFETY WORKING LOAD		主钩MAIN HOOK(8 FALLS)		副钩 AUXILIARY HOOK	
		SEE LOAD CHART		SEE LOAD CHART	
工作半径 WORKING RADIUS		SEE LOAD CHART		SEE LOAD CHART	
起升速度（SWL） HOISTING SPEED		0-1m/min@300t SWL) & 0-6m/min@120t SWL)		0-30m/min	
起升高度 HOISTING HEIGHT		60m		62m	
变幅时间 LUFFING TIME		~240Sec			
回转速度 SLEWING SPEED		~0.35r/min			
回转角度 SLEWING ANGLE		360° 全回转(UNLIMITED)			
设计条件 DESIGN. CONDITION	最大倾角（横/纵）-工作时 (HEEL/TRIM-OK WORKING	±3° & 1°			
	环境温度（AMBIENT TEMPERATURE）	+45℃~-10℃			
	区域划分（AREA CLASSIFICATION）	起重机（AT CRANE）	吊臂（BOOM）	动力站（POWER UNIT）	
		SAFE AREA	SAFE AREA	SAFE AREA	
	风速（Wind Speed）	工作时（IN SERVICE）		不工作时（OUT OF SERVICE）	
		15 m/s		63 m/s	
	计算方法（Calculation Method）	通用法（General Method）			
电机参数 MOTOR DATA					
	型号 MODEL	Y315L1-4-H		甲板负荷 DECK LOAD	
	功率 POWER	160Kw(S1)*2		最大垂直力 VERTICAL FORCE	- Kn
	电制 POWER SUPPLY	440V/60Hz/3ph		最大倾覆力矩CAPSIZING MOMENT	- Kn.m
	防护/绝缘 PROTECTION/INSULATION	IP55/F		最大回转力矩 TORQUE	- Kn.m
	工作方式 WORKING DUTY	S1-100%		设备重量 DEAD WEIGHT	
	转速 ROTATING SPEED	1790r/min		整机自重 WEIGHT	≈273 t

注：
1. 回转支撑螺栓预紧力665kn.
2. 本机为右机，左机对称制造。
3. 设计按照API-2C 7th,2012;计算方法“通用法”。
4. 设备安装于300人居住工作驳。
5. 人员起吊载荷为3吨(副钩起吊)。
6. 驾驶室内操作。

NOTE:
1. The pretension force of bolts of slewing ring is to be 665kn.
2. The right type crane is shown, the left is to be manufactured symmetrically.
3. Design based on API-2C 7th,2012;calculation method"General Method".
4. Crane installed on 300Men Accommodation Work Barge.
5. The safety working load for personnel lifting is 3ton(AUX. HOOK).
6. Operation in cabin by electric joystick.

REV.	DATE	DESCRIPTION	DWN	CHK	APPD
0	15 JULY 2012	ISSUE FOR PROPOSAL	HASFA	LW	UKC

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TITAN OFFSHORE EQUIPMENT PTE LTD

CLIENT : XXXX

MODEL NO. : HTOC5500-30045

CERTIFICATION TYPE : N/A

THIRD ANGLE PROJECTION

SCALE : N.T.S

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED

REV. : 00

SHT : 1/1

DWG NO. : 242TF300045-00

TITLE : ELECTRO-HYDRAULIC OFFSHORE CRANE GENERAL ARRANGEMENT

PROJECT REF. : TTXXXX/ m

PAGE : A5