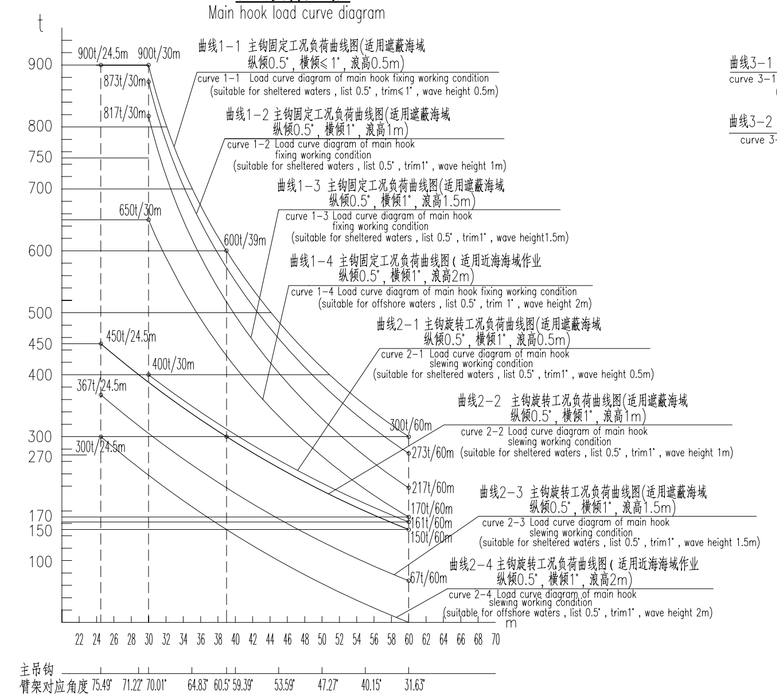
距离水面高度89.5m

整机性能参数表
Performance parameter table of the whole crane

		主吊钩 Main hook							副吊钩 Sub hook			杂物钩 Whip hook	
起重量(t) Lifting capacity	旋转 Slewing	450	400				300	150	200	200	150	30	30
	固定 Fixing	900		900	600	300					200		
工作幅度 (m) Radius		24.5	30	30	39	60	39	60	25	30	65	26.8	65
倾斜 Sea condition	横倾/纵倾 trim/list	0.5/1.5	0.5/1°	0.5/1°	0.5/1°	0.5/1°	0.5/1°	0.5/1°	0.5/1.5	0.5/1°	0.5/1°	1°/2°	
	浪高(m) Wave height	0.5	0.5	0.5	0.5	0.5	1	1	2	1	1	2	
水面起升高 (m) Lift above water		70							82.5			75	
水下降深 (m) Depth under water		>5							>30			>5	
起升速度 (m/min) Hoisting speed		空载0~4.5, 重载0~2.25 Empty load Heavy load							空载0~10.1 重载5.05 Empty load Heavy load			15	
电机功率 (KW) Motor power		220x2=440							220			90	
单程变幅时间 min Single stroke luffing time		正常约20,应急约15 Normal about Emergency about											
变幅功率 (KW) Luffing power		220 x2=440											
旋转速度 (r/min) Slewing speed		0.125											
旋转功率 (KW) Slewing power		45x4=180											
电制 Duty		~380V, 50Hz											
装机容量 (KW) Installed capacity		1500											
整机自重 (t) Own weight of the whole crane		2700(起重机)+90(起重机外挂属支架等) Crane Attached supports, etc.											
尾离半径 (m) Tail radius		16.9											

主钩负荷曲线图
Main hook load curve diagram



曲线1-1 主钩固定工况负荷曲线图(适用遮蔽海域 级倾0.5°, 横倾≤1°, 波高0.5m)
curve 1-1 Load curve diagram of main hook fixing working condition (suitable for sheltered waters , list 0.5° , trim1° , wave height 0.5m)

曲线1-2 主钩固定工况负荷曲线图(适用遮蔽海域 级倾0.5°, 横倾1°, 波高1m)
curve 1-2 Load curve diagram of main hook fixing working condition (suitable for sheltered waters , list 0.5° , trim1° , wave height 1m)

曲线1-3 主钩固定工况负荷曲线图(适用遮蔽海域 级倾0.5°, 横倾1°, 波高1.5m)
curve 1-3 Load curve diagram of main hook fixing working condition (suitable for sheltered waters , list 0.5° , trim1° , wave height1.5m)

曲线1-4 主钩固定工况负荷曲线图(适用近海海域作业 级倾0.5°, 横倾1°, 波高2m)
curve 1-4 Load curve diagram of main hook fixing working condition (suitable for offshore waters , list 0.5° , trim 1° , wave height 2m)

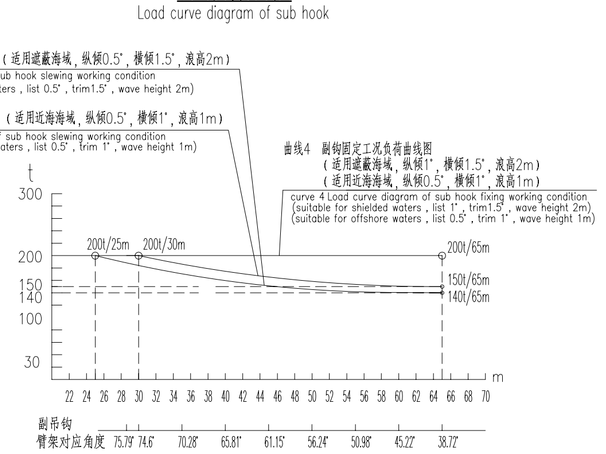
曲线2-1 主钩旋转工况负荷曲线图(适用遮蔽海域 级倾0.5°, 横倾1°, 波高0.5m)
curve 2-1 Load curve diagram of main hook slewing working condition (suitable for sheltered waters , list 0.5° , trim1° , wave height 0.5m)

曲线2-2 主钩旋转工况负荷曲线图(适用遮蔽海域 级倾0.5°, 横倾1°, 波高1m)
curve 2-2 Load curve diagram of main hook slewing working condition (suitable for sheltered waters , list 0.5° , trim1° , wave height 1m)

曲线2-3 主钩旋转工况负荷曲线图(适用遮蔽海域 级倾0.5°, 横倾1°, 波高1.5m)
curve 2-3 Load curve diagram of main hook slewing working condition (suitable for sheltered waters , list 0.5° , trim1° , wave height 1.5m)

曲线2-4 主钩旋转工况负荷曲线图(适用近海海域作业 级倾0.5°, 横倾1°, 波高2m)
curve 2-4 Load curve diagram of main hook slewing working condition (suitable for offshore waters , list 0.5° , trim1° , wave height 2m)

副钩负荷曲线图
Load curve diagram of sub hook

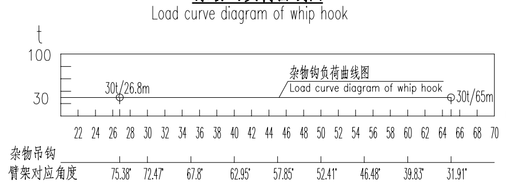


曲线3-1 副钩旋转工况负荷曲线图 (适用遮蔽海域, 级倾0.5°, 横倾1.5°, 波高2m)
curve 3-1 Load curve diagram of sub hook slewing working condition (suitable for sheltered waters , list 0.5° , trim1.5° , wave height 2m)

曲线3-2 副钩旋转工况负荷曲线图 (适用近海海域, 级倾0.5°, 横倾1°, 波高1m)
curve 3-2 Load curve diagram of sub hook slewing working condition (suitable for offshore waters , list 0.5° , trim 1° , wave height 1m)

曲线4 副钩固定工况负荷曲线图
(适用遮蔽海域, 级倾1°, 横倾1.5°, 波高2m)
(适用近海海域, 级倾0.5°, 横倾1°, 波高1m)
curve 4 Load curve diagram of sub hook fixing working condition
(suitable for shielded waters , list 1° , trim1.5° , wave height 2m)
(suitable for offshore waters , list 0.5° , trim 1° , wave height 1m)

杂物钩负荷曲线图
Load curve diagram of whip hook



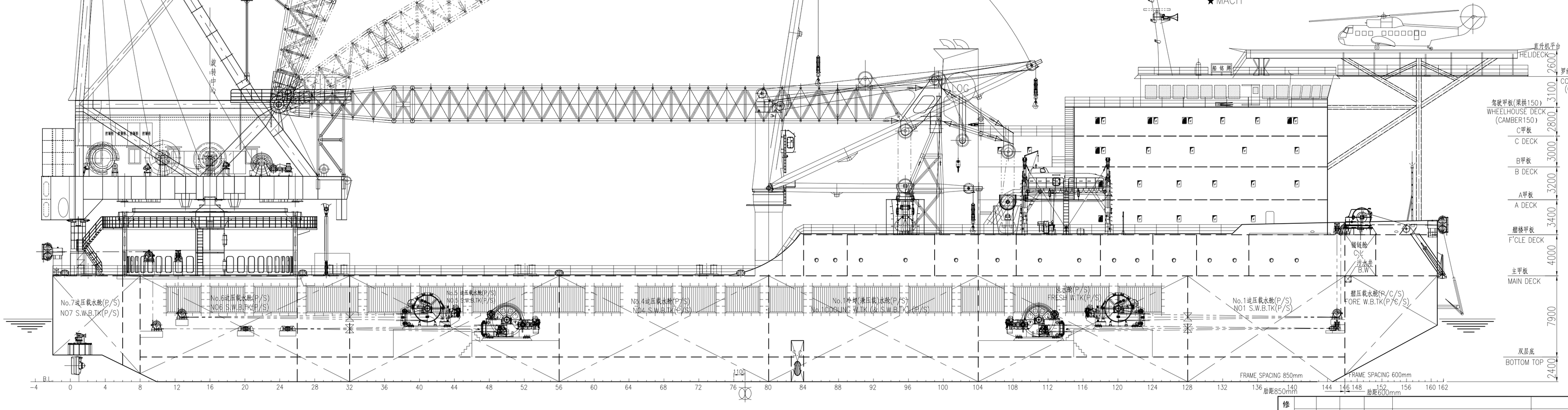
主钩、副钩、杂物钩幅度与臂架角度关系对应表
Corresponding table of radii of main hook , sub hook and whip hook with boom angle

主吊钩 Main hook	幅度(米) Radius	24.5	28.8	30	35	39	40	45	50	55	60
	角度(°) Angle	75.49	71.22	70.01	64.83	60.5	59.39	53.59	47.27	40.15	31.63
副吊钩 Sub hook	幅度(米) Radius	28.6	30	35	40	45	50	55	60	65	
	角度(°) Angle	75.79	74.6	70.28	65.81	61.15	56.24	50.96	45.22	38.72	
杂物吊钩 Whip hook	幅度(米) Radius	26.8	30	35	40	45	50	55	60	65	
	角度(°) Angle	75.38	72.47	67.8	62.95	57.85	52.41	46.48	39.83	31.91	

主 要 度 量
MAIN PARTICULARS

总 长	LENGTH OVERALL	134.80m
设计水线长	LENGTH WATERLINE	134.80m
型 宽	BREADTH MOULDED	32.26m
型 深	DEPTH MOULDED	10.30m
最大航行吃水	MAXIMUM TRANSIT DRAUGHT	5.50m
最大作业吃水	MAXIMUM WORKING DRAUGHT	6.10m
航 区	NAVIGATION LIMIT	无限航区 Unrestricted Navigation
定 员	COMPLEMENT	198P
其中 INCLUDE: 船员	CREWS	68P
施工人员	SPECIAL PERSONNEL	130P

RINA ★HULL Barge Crane, Assisted Propulsion, Helicopter Facilities, Operation Service within 200 miles from Shore, Unrestricted Navigation ★MACH

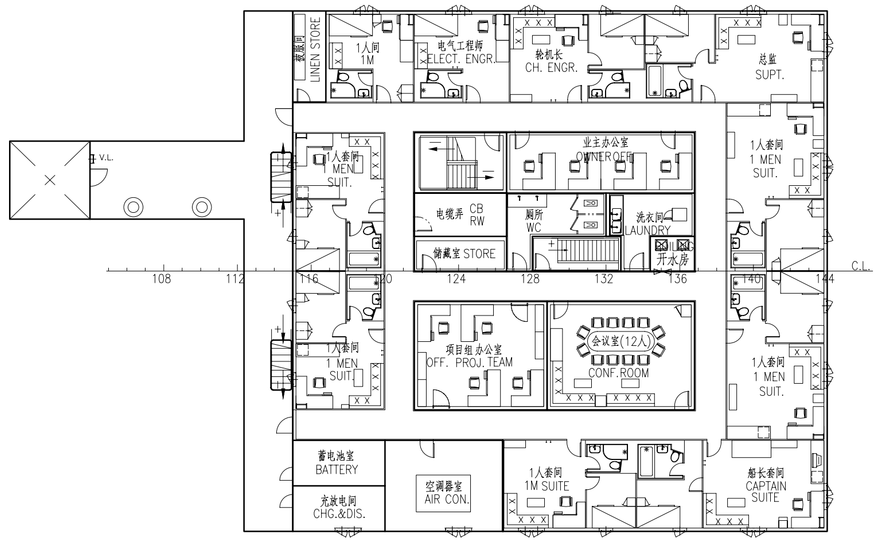


修订版	版次	标记	数量	日期	说 明	修改	校对	审核

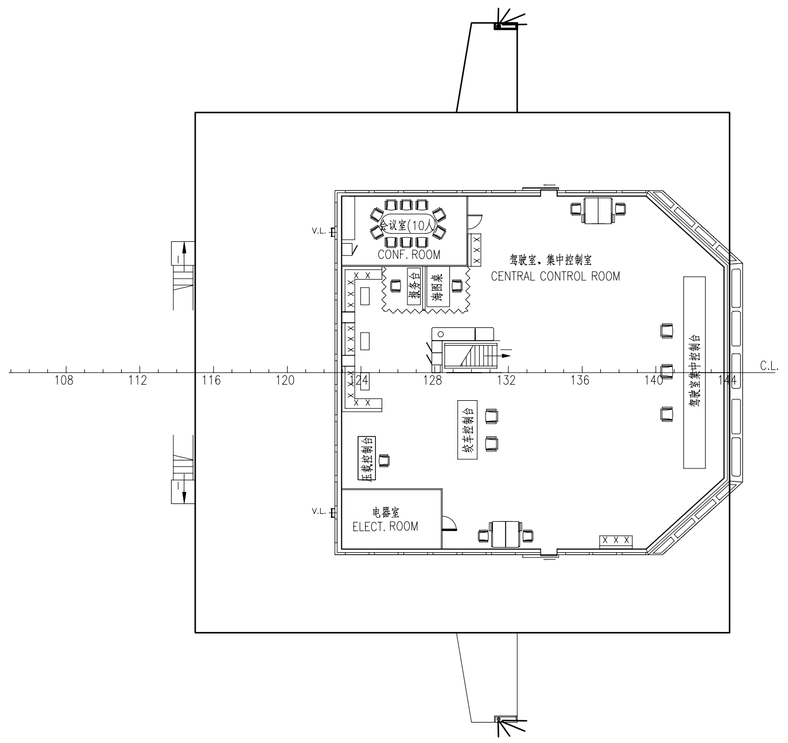
委托方: 江苏华西村海洋工程服务有限公司		详细设计	天津滨海博泰海事工程技术有限公司 Tianjin BesTech Marine Engineering Consultant Co.,Ltd.
设计			900t全回转起重船 900t Floating Crane Vesseel
校对			总布置图 General Arrangement Plan
标检			BT922-100-02
审核			
审定			

比例 1: 200 | 重量(kg) | 共 3 页 | 第 1 页 | 版次 B

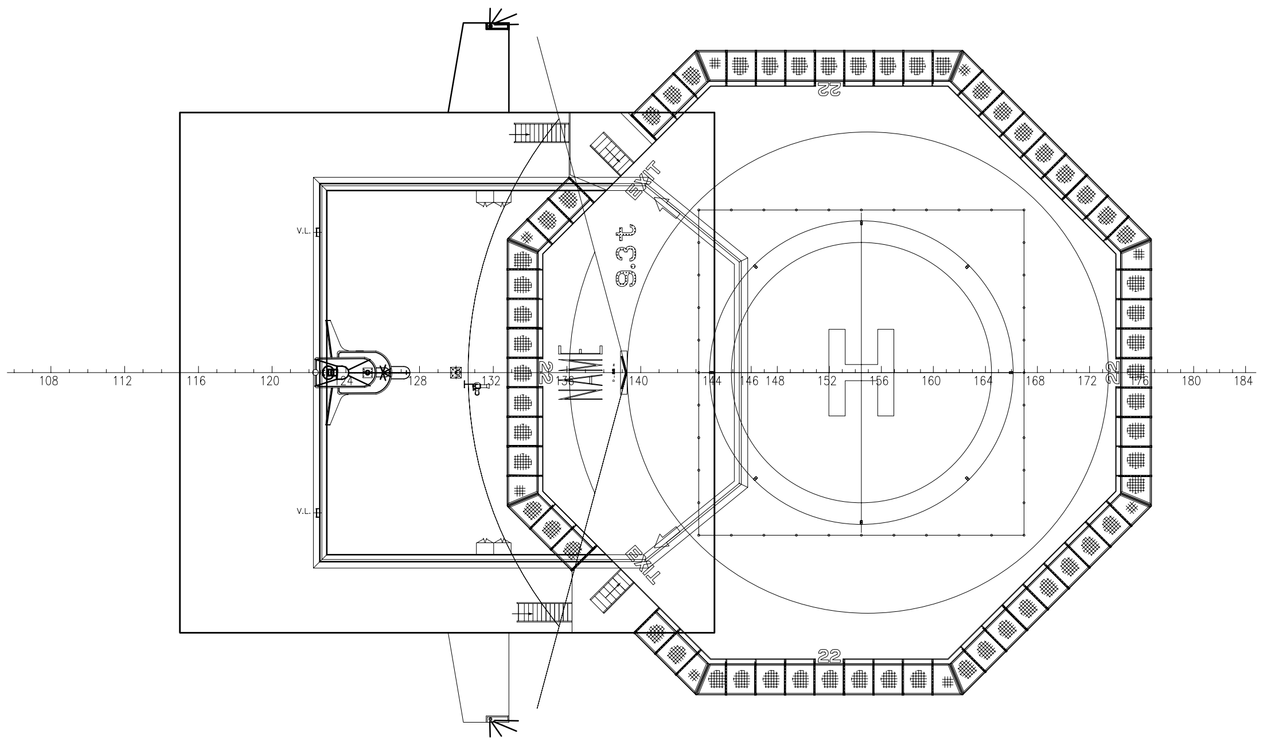
C甲板
C DECK



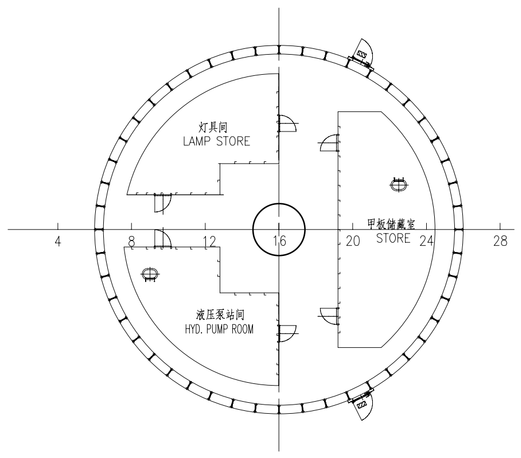
驾驶甲板
WHEELHOUSE DECK



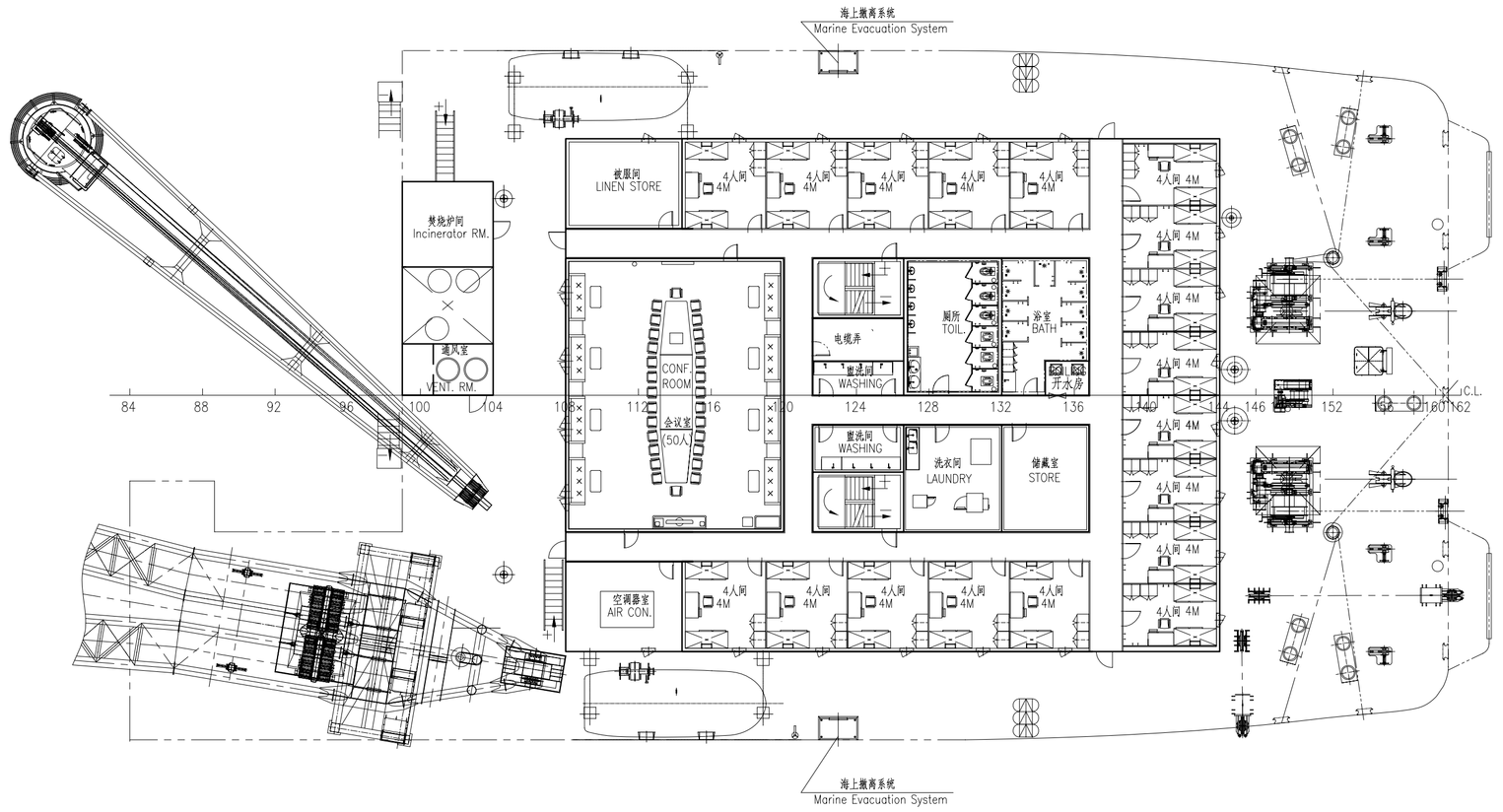
罗经甲板
COMPASS DECK



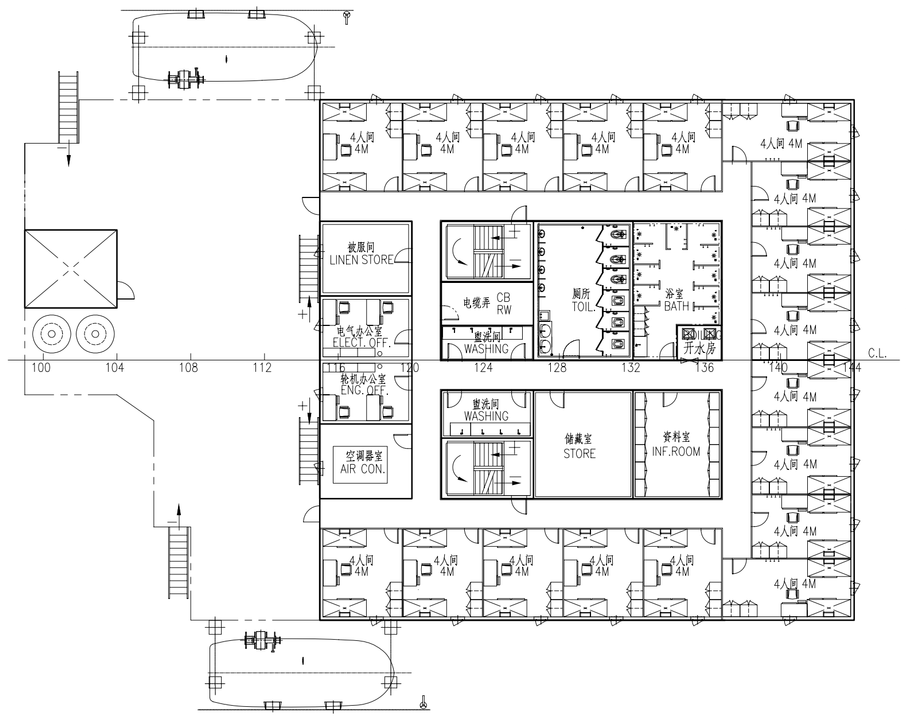
吊机筒体内主甲板
MAIN DECK (CRANE AREA)



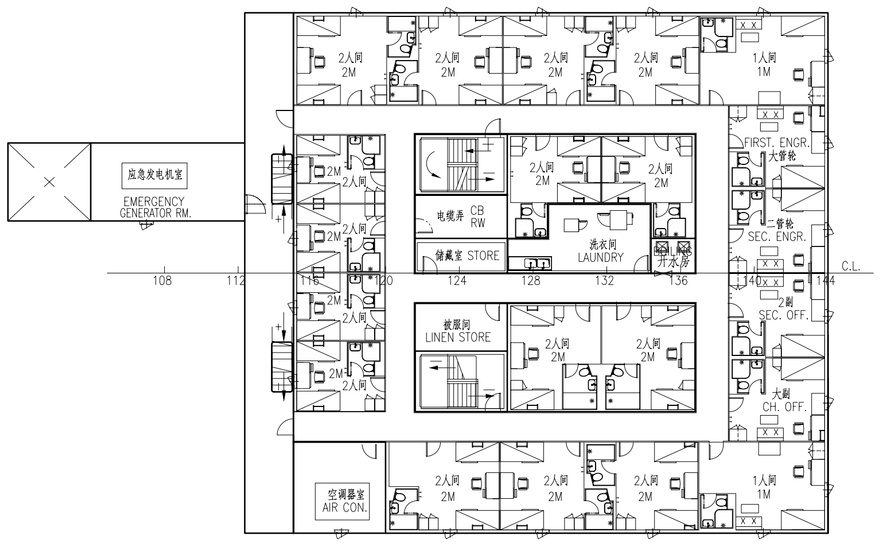
艏楼甲板
F'CLE DECK



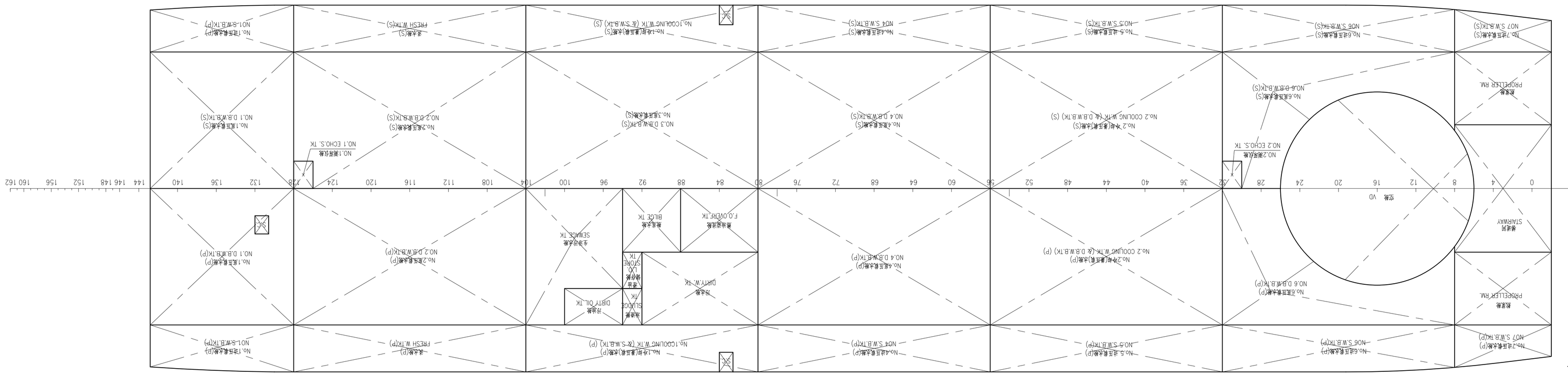
A甲板
A DECK



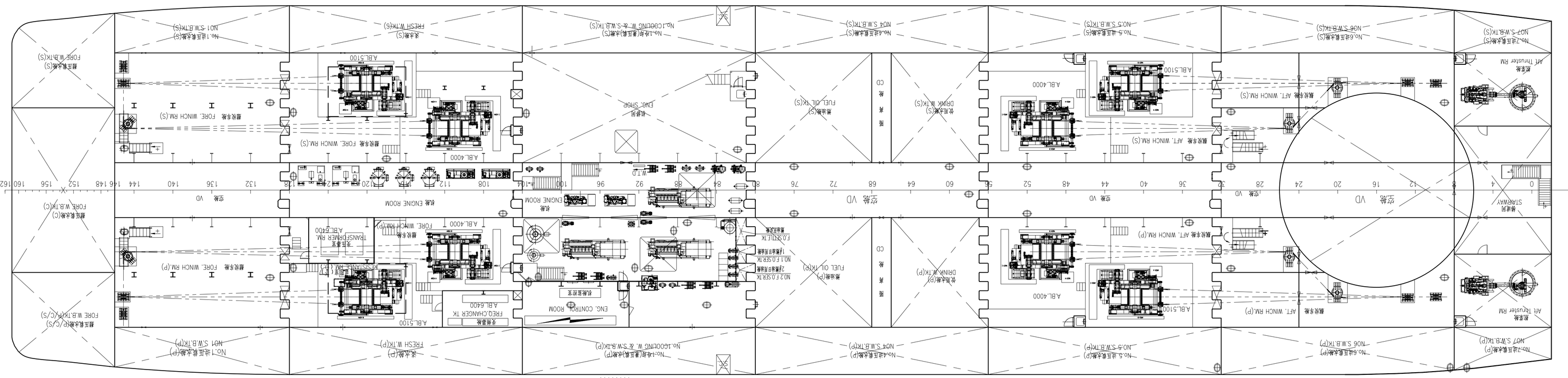
B甲板
B DECK



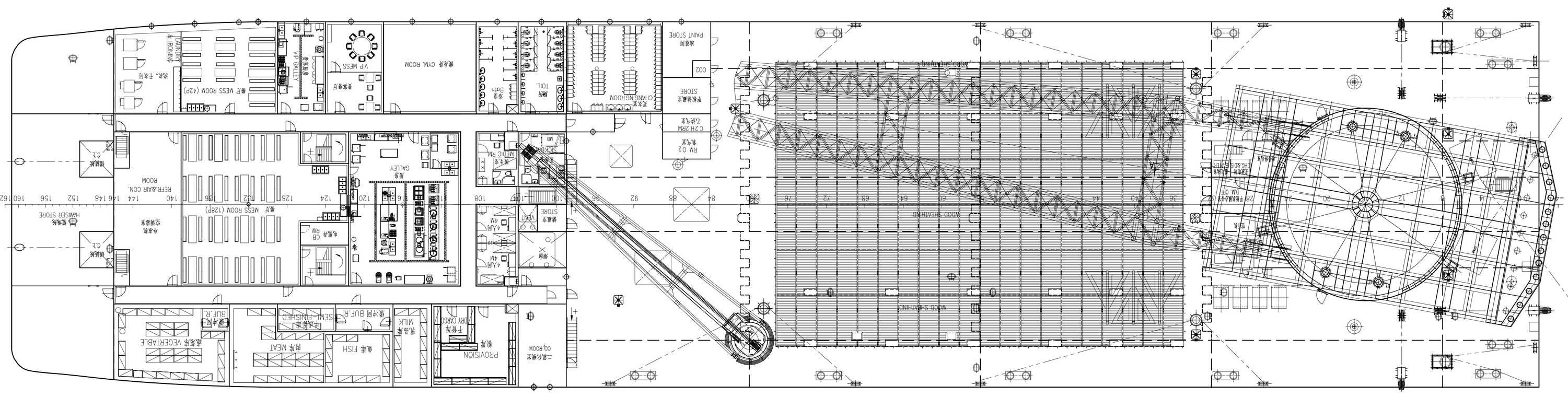
舱底平面
BOTTOM



双层底上
BOTTOM TOP



主甲板
MAIN DECK



总布置图	BT922-100-02	共 3 页 第 3 页