

密级（档案）号										
旧底图总号						15米苏州河市容管理船		招标文件		
						电力系统图				
底图总号		标记	数量	修改单号	签 字	日期	图样标记		质 量	比 例
		设 绘			描 图					
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日 期	签 字	标 检					共 14 页		第 1 页	
		审 核								
		审 定			日 期	2026.09				
面积: 0.06 m ²										

电力系统图						共 14 页
						第 2 页
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24						
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15		遥控按钮 Remote shutdown button	1	IP56		
14		遥控按钮 Remote shutdown button	2	IP22		驾控台配套 Supplied by WHC
13		接线盒 ERM distribution panel	2	JXS402		
12	ERM	机舱设备分电箱 ERM distribution panel	1	iC65N/2P		
11	1L	照明分电箱 Lighting distribution panel	1	iC65N/2P		
10	AC	空调 Air conditioner	1	220V ~2kW		
9	REF	机舱风机遥控盒(带灯) E.R. ventilator remote control box with indicator	1			
8	EFC	机舱风机起动箱 E.R. ventilator starter	1			正反转 Reversible rotation
7	EFM	机舱风机 E.R. ventilator	1	220V/0.55kW		
6	SGC	舵机液压泵起动箱 Rudder hydraulic pump starter	1			设备配套 supplied by equipment
5	SGM	舵机液压泵 Rudder hydraulic pump	1	220V/1.5kW		
4	SC	交流岸电箱 Shore power box	1	1Ø 220V/63A		
3	MSB	主配电板 Main switch board	1	1Ø 230V		
2	GCP	发电机组机旁控制箱 Genset local control box	1			设备配套 supplied by equipment
1	G	发电机 Generator	1	1Ø AC230V/50Hz 10kW 43.5A		
序号 No.	代 号 Code	名 称 Name	数 量 QTY	型 号 规 格 Type & Specification	附 注 Note	

说 明

1. 主配电板需具有船用产品证书。主配电板配置绝缘监测仪以及岸电供电及其电压电流指示。
1. MSB shall be provided with marine product certification, it is equipped with an insulation monitor, shore power supply indicator light, and instruments for shore power current and voltage.
2. 发电机与岸电之间通过转换开关相互联锁，禁止发电机与岸电同时供电。
2. The generator and shore power are to be interlocked by a change-over switch to prohibit simultaneous power supply from both.
3. 220V汇流排失电后，24V照明自动投入，主配电板具有蓄电池放电指示。
3. As soon as 220V busbar loses power, 24V emergency lighting is to be automatically engaged. The MSB is equipped with a discharge indicator for transitional power battery bank.
4. AC230V电缆采用CJ85/SC；DC24V电缆采用CJ85/NC；内接线采用船用电缆CBV或CBVR。
4. AC230V cables shall be of type CJ85/SC; DC24V cables shall be of type CJ85/NC; internal wiring shall use marine wires of CBV or CBYR.
5. 主配电板为1个单屏，上部为发电机控制屏，下部为负荷屏。
5. The MSB consists of a single panel, the upper part is generator control panel, and the lower part is the load panel.
6. 部分符号标注的含义如下：
6. The meanings of some symbol annotations are as follows:

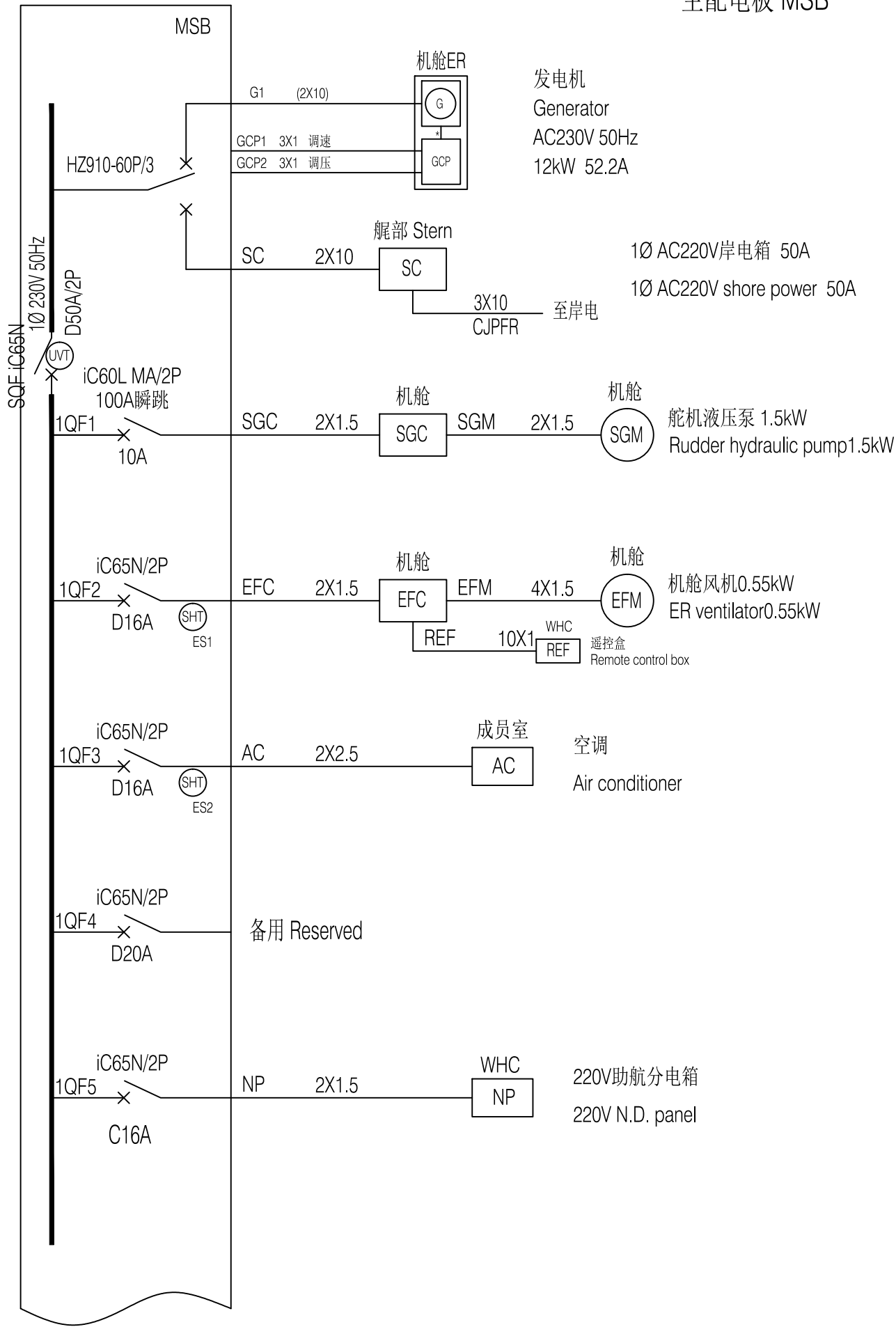
SHT分励脱扣；UVT失压脱扣；ES1机舱风油遥切；ES2空调风扇遥切。

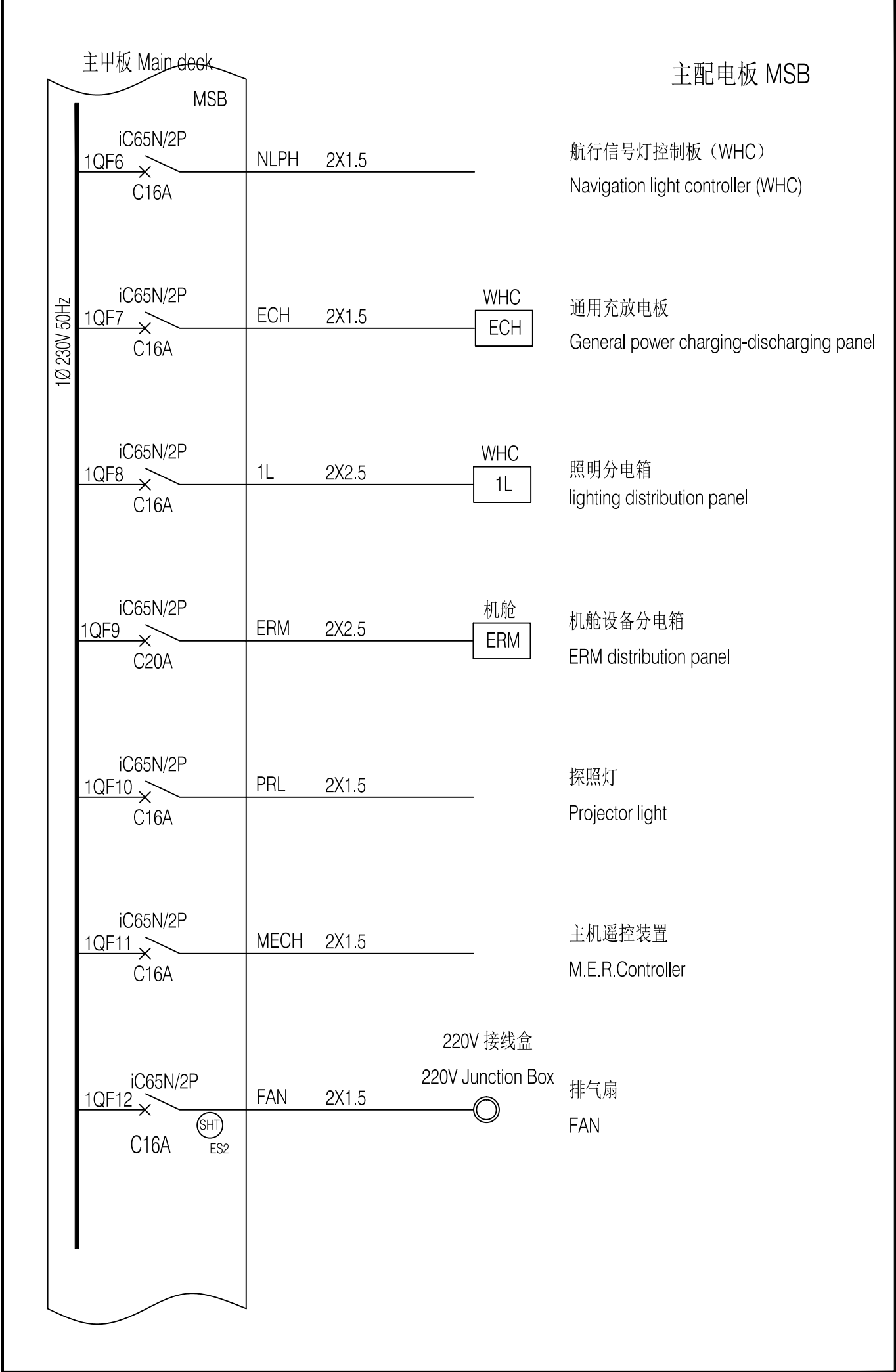
SHTshunt trip; UVT undervoltage trip; ES1 remote cut-off of E.R. ventilation and oil; ES2 remote cut-off of AC and fan.

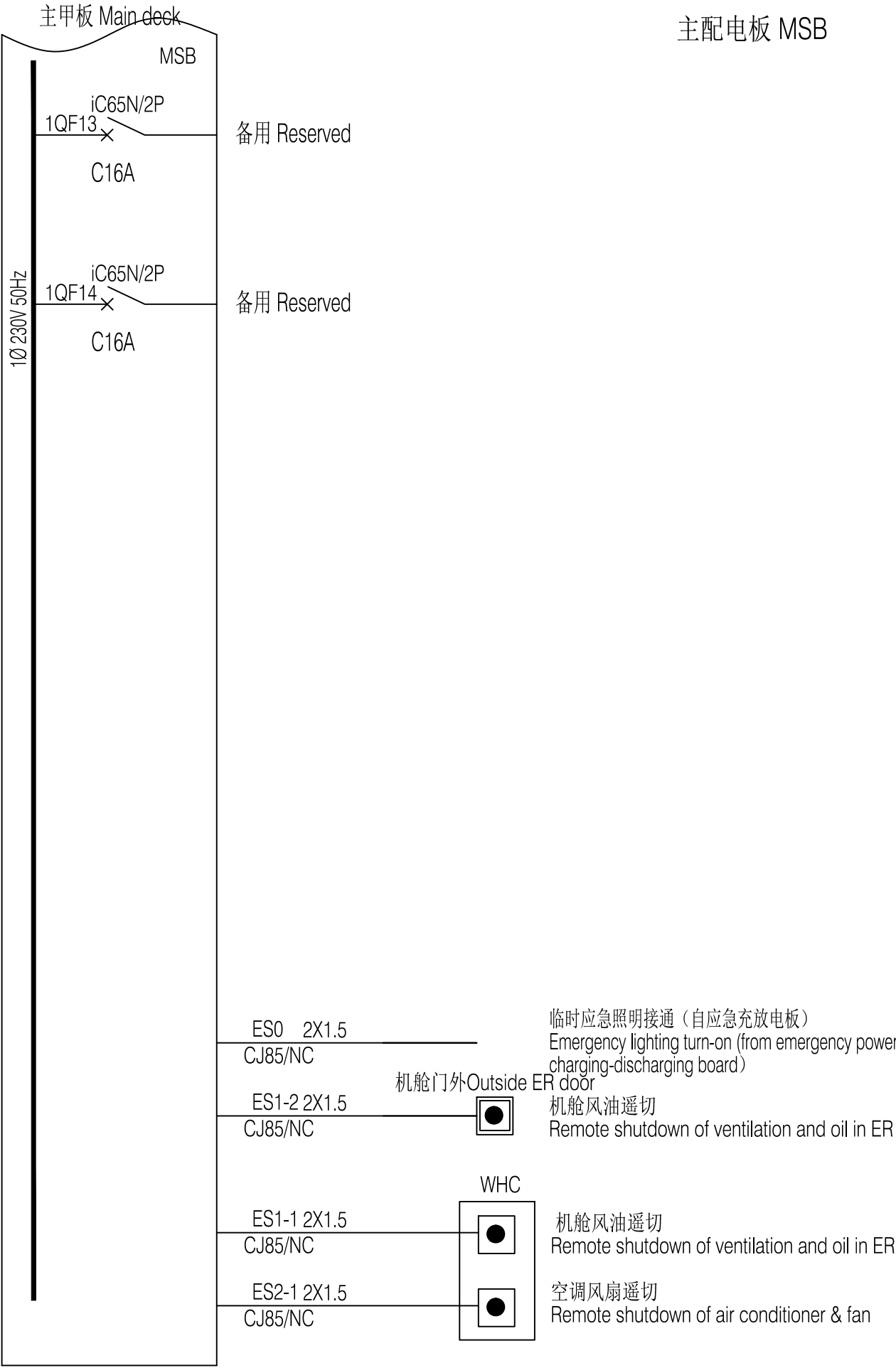
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序号 No.	代 号 Code	名 称 Name	数量 QTY	型号规格 Type & Specification	附 注 Note

主甲板 Main deck

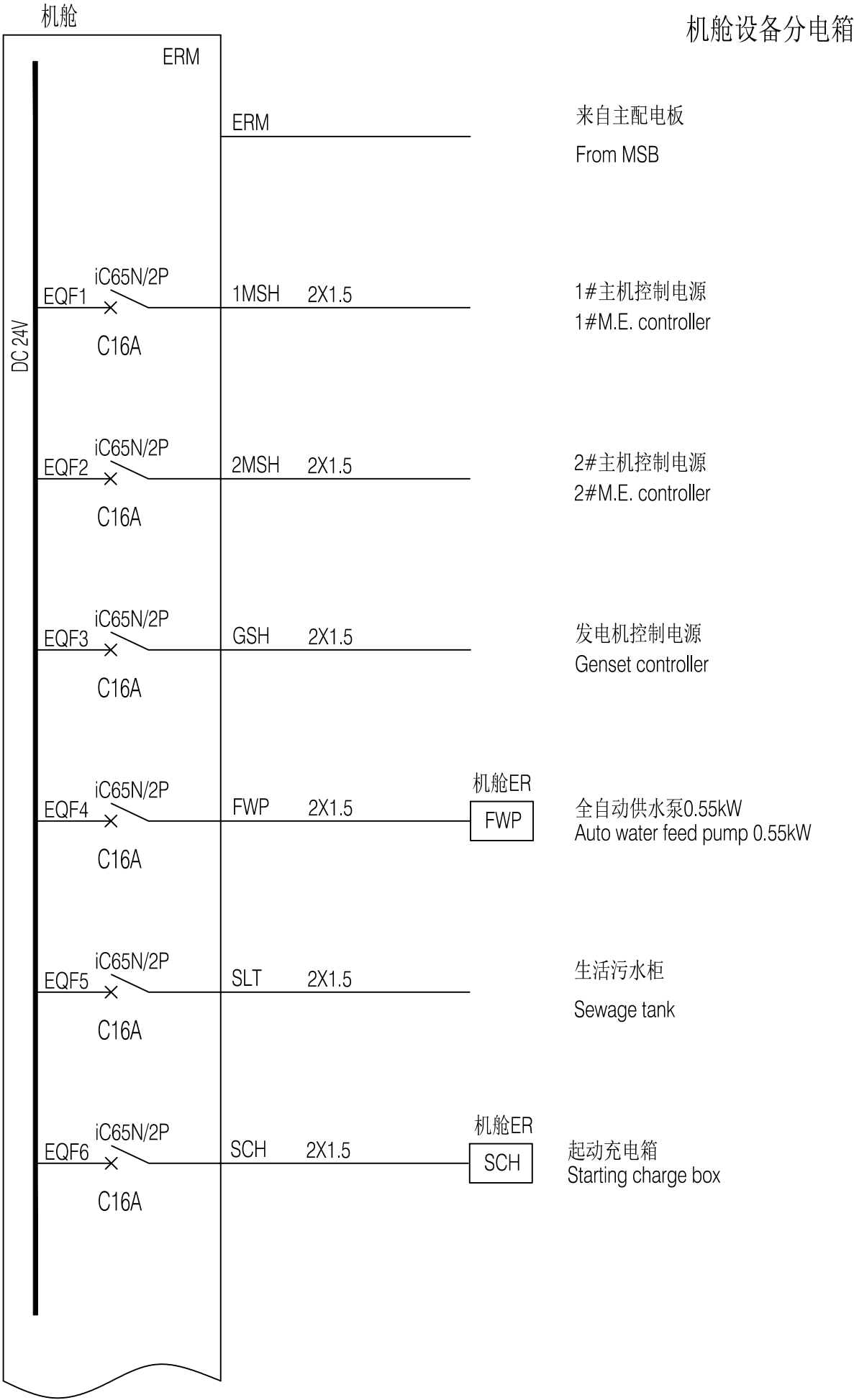
主配电板 MSB

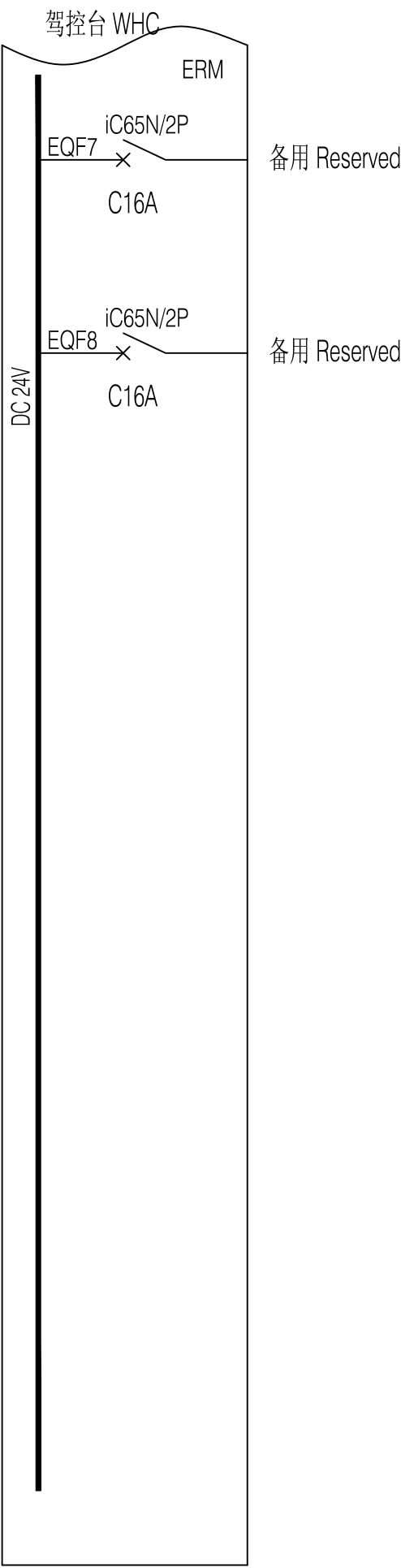




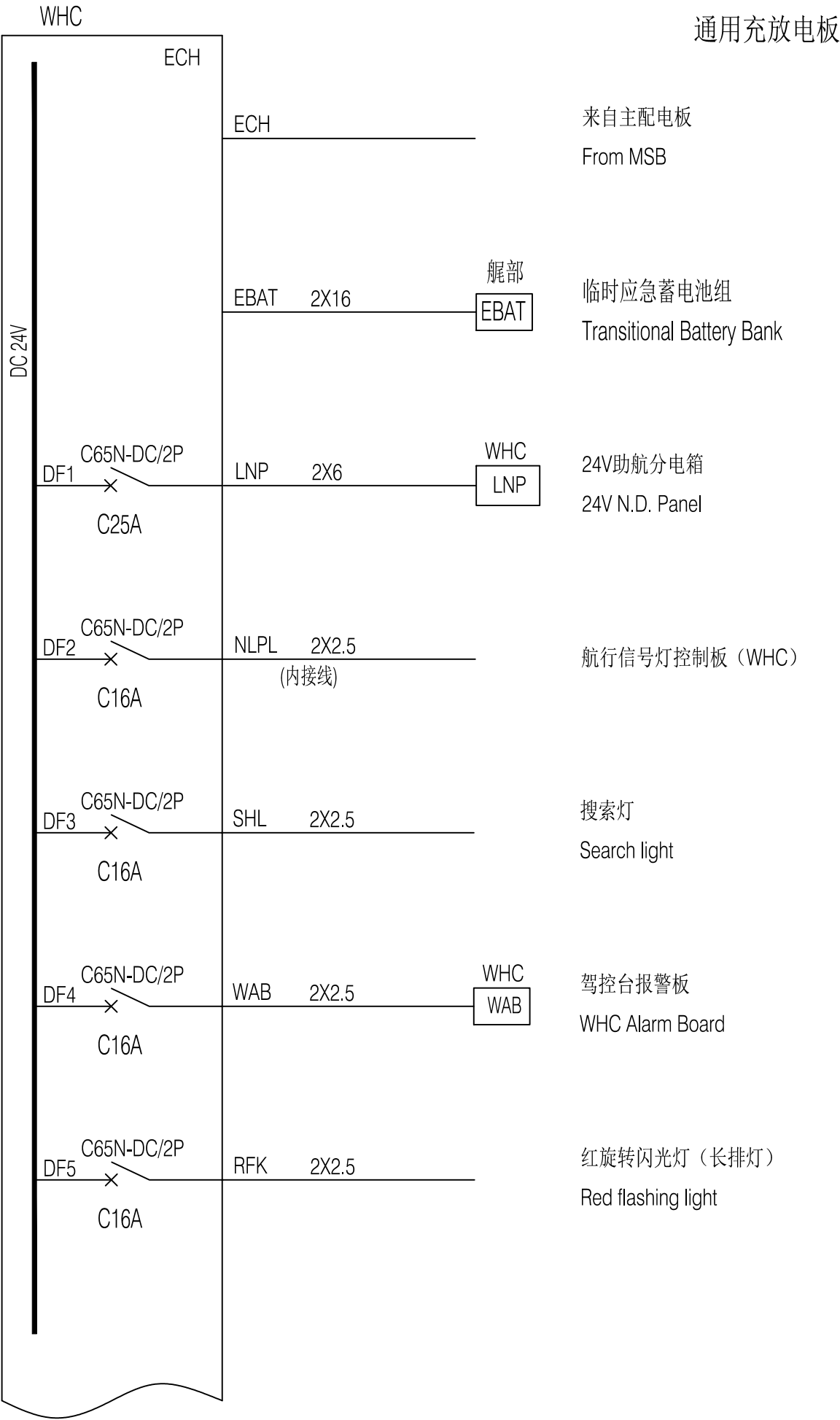


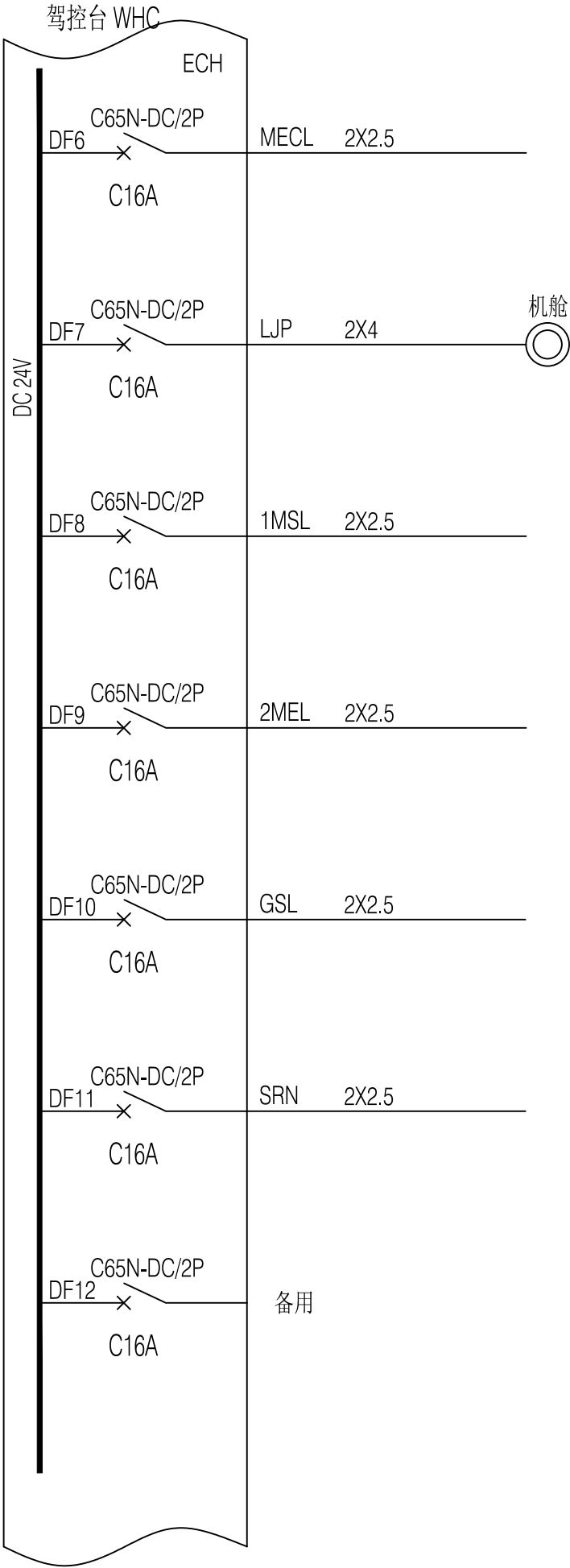
主配电板 MSB





机舱设备分电箱





通用充放电板

主机遥控装置
M.E.R.Controller

24V 接线盒
24V Junction Box

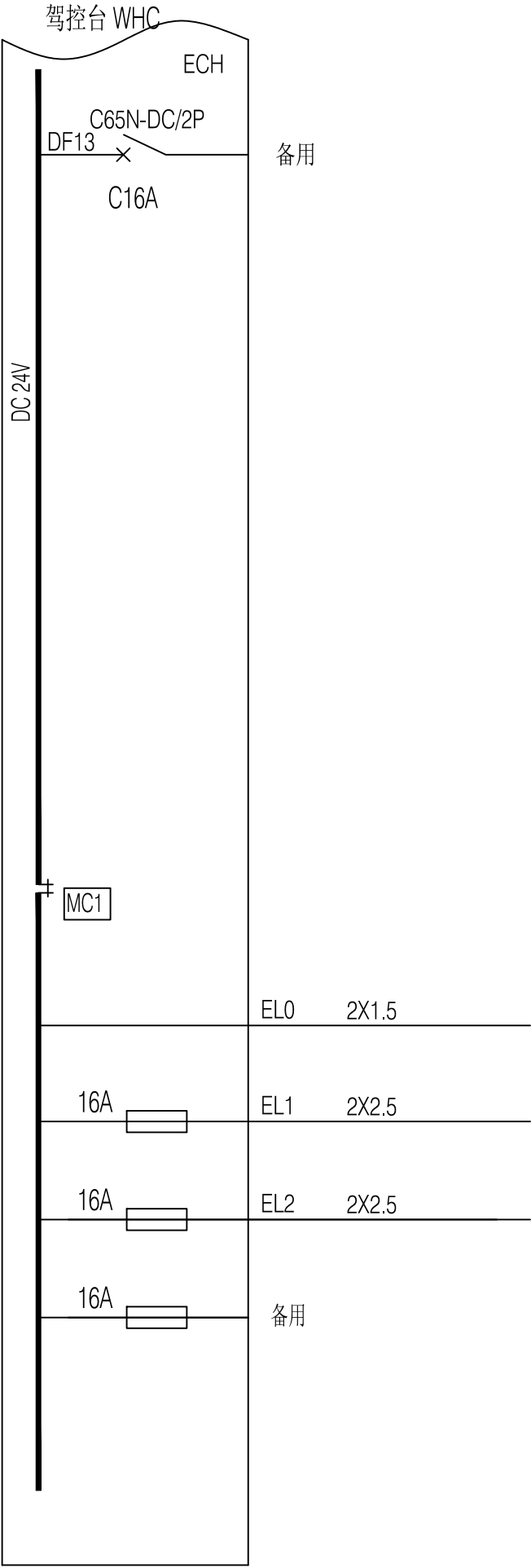
1#主机控制电源
1#M.E. controller

2#主机控制电源
2#M.E. controller

发电机控制电源
Genset controller

小型号笛
Small type siren

备用

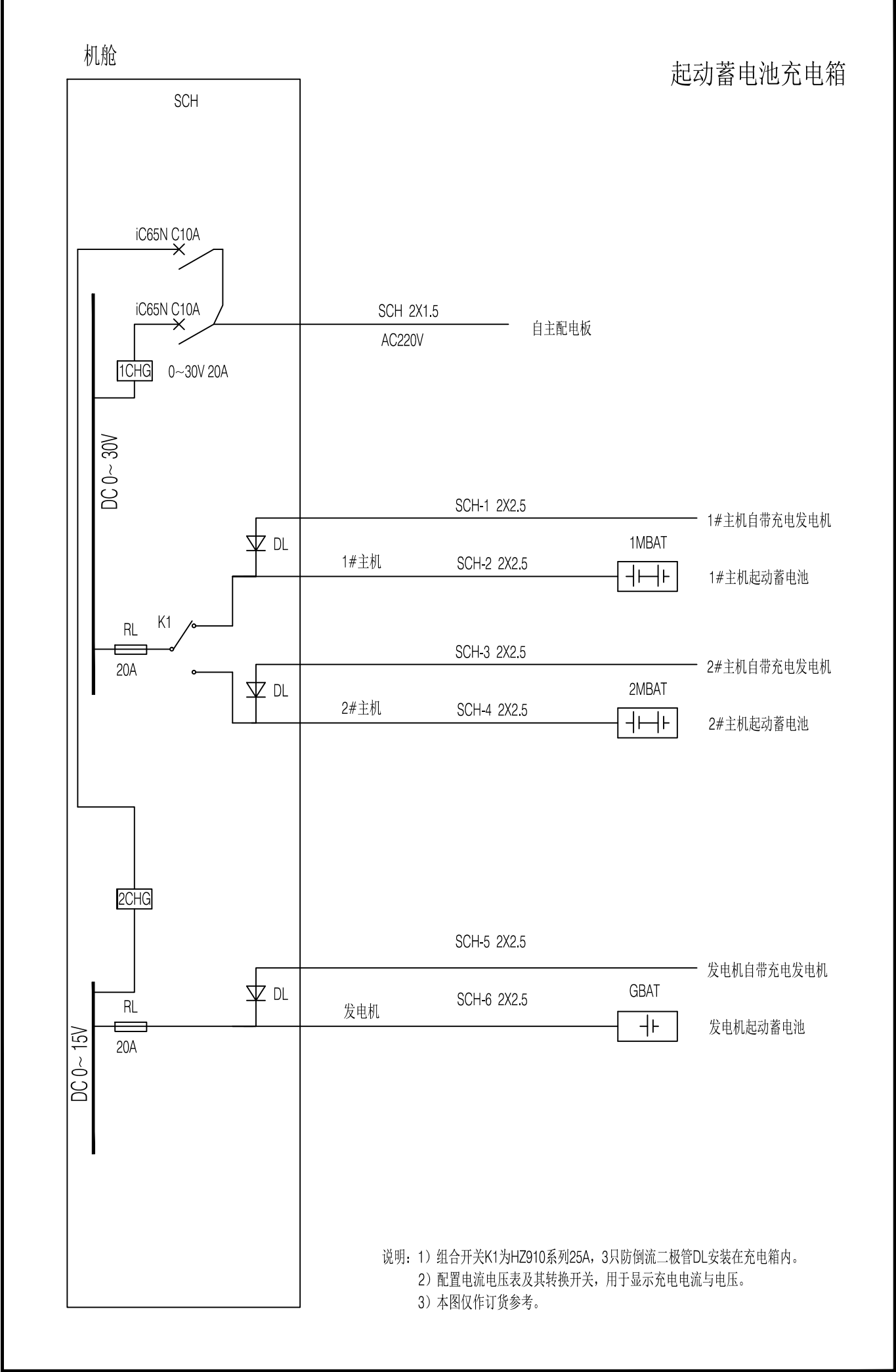


通用充放电板

主配电板24V照明接通指示

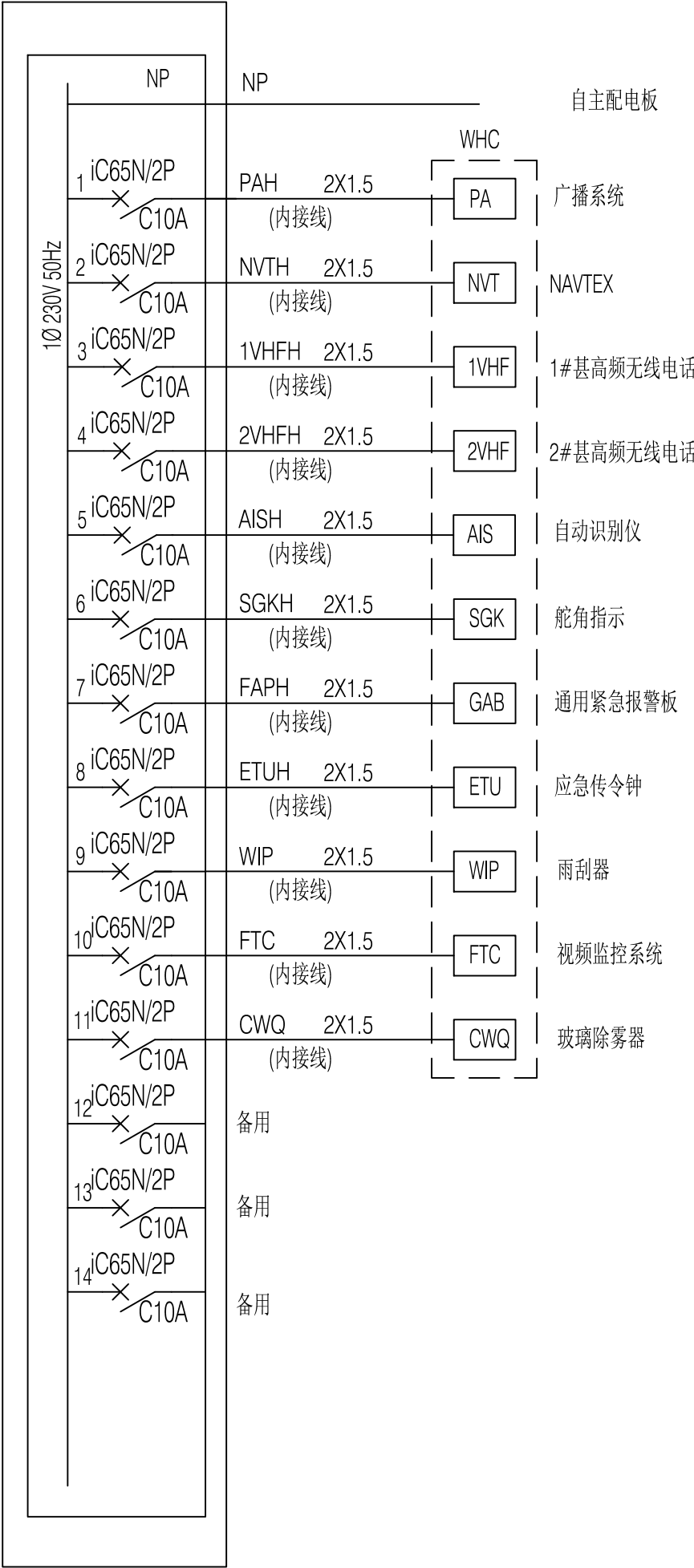
主甲板24V照明

舱底24V照明



WHC

220V助航分电箱



WHC

24V助航分电箱

