

WHEELHOUSE

ENGINE CONTROL CONSOLE

CARGO CONTROL CONSOLE

CONTROL ROOM

Operator Station 1

Operator Station 2

Operator Station 3

Operator Station 4

UPS A (F1)

UPS A (F2)

UPS A (F3)

UPS A (F4)

UPS A (F5)

UPS A (F6)

UPS A (F7)

UPS A (F8)

UPS A (F9)

UPS A (F10)

UPS A (F11)

UPS A (F12)

UPS A (F13)

UPS A (F14)

UPS A (F15)

UPS A (F16)

UPS A (F17)

UPS A (F18)

UPS A (F19)

UPS A (F20)

UPS A (F21)

UPS A (F22)

UPS A (F23)

UPS A (F24)

UPS A (F25)

UPS A (F26)

UPS A (F27)

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UPS A (F43)

UPS A (F44)

UPS A (F45)

UPS A (F46)

UPS A (F47)

UPS A (F48)

UPS A (F49)

UPS A (F50)

UPS A (F51)

UPS A (F52)

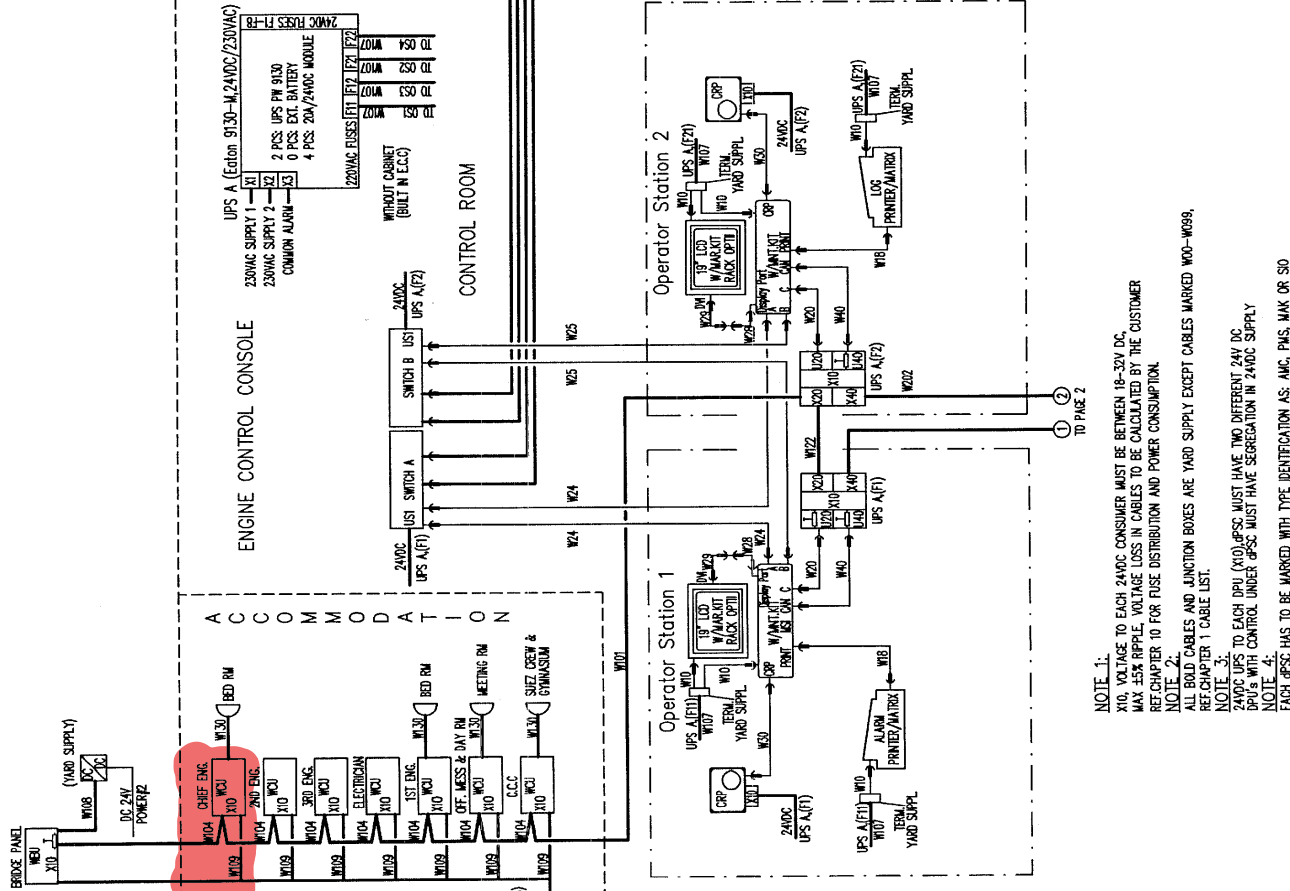
UPS A (F53)

UPS A (F54)

UPS A (F55)

UPS A (F56)

UPS A (F57)



- NOTE 1:
X10, VOLTAGE TO EACH 24VDC CONSUMER MUST BE BETWEEN 18-32V DC.
MAX 5% RIPPLE, VOLTAGE LOSS IN CABLES TO BE CALCULATED BY THE CUSTOMER.
NOTE 2:
SEE CHAPTER 10 FOR FUSE DISTRIBUTION AND POWER CONSUMPTION.
NOTE 3:
ALL BUILT CABLES AND JUNCTION BOXES ARE YARD SUPPLY EXCEPT CABLES MARKED W00-W099.
NOTE 4:
SEE CHAPTER 1 CABLE LIST.
NOTE 5:
ZAP UP TO EACH DPU (X10) DPU MUST HAVE TWO DIFFERENT 24V DC
PINS WITH CONTROL UNDER DPU MUST HAVE SEGREGATION IN 24VDC SUPPLY
NOTE 6:
EACH DPU HAS TO BE MARKED WITH TYPE IDENTIFICATION AS: IMC, PAS, MAK OR SO

Serial no. 1	Serial no. 2	Serial no. 3	Serial no. 4
Supplier: TECHNOMAT	Supplier: EMBERSON	Supplier: K-CHIEF 500	Supplier: ROLLS-ROYCE
Function: LOAD COMP.	Function: CARGO TANK LEVEL	Function: Alarm	Function: STEERING GEAR
Type: Monitoring	Type: Alarm	Type: Alarm	Type: Alarm
Elem.: RS422	Elem.: RS422	Elem.: RS422	Elem.: RS422
Protocol: MODBUS	Protocol: MODBUS	Protocol: MEJ0183	Protocol: MEJ0183

REV.	DATE	DESCRIPTION	Designed by	Checked by	Approved by
D	23.07.2010	HMD H.ND:H2196/2197, H2235/2236	19.04.10	SU	23.07.10

Project / Product name	Project number	Revision	Scale	Sheet
Kongsberg Maritime AS	5670502	1/2	A4	1/2
Merchant Automation	Horten	Alarm, monitoring and control system		
Drawing type	System configuration	1126093		
Document ID				
Revision/Version				