

NOTES:

- PANEL 'F' PROVIDED NAMEPLATE, WHITE LETTERS WITH RED BACKGROUND STATING:
"TWO SOURCES OF POWER ISOLATE AT PANEL D ENGINE ROOM & DISCONNECT BATTERY AT FLY BRIDGE CONSOLE"
- THE MANUFACTURERS RECOMMENDED RF SUPPRESSOR SHALL BE SUPPLIED & INSTALLED ON THE ALTERNATORS.
- ALL WIRING TO BE LIGHTWEIGHT MARINE TYPE, CROSS LINKED POLYETHYLENE INSULATED RATED FOR AT LEAST 85°C MAXIMUM CONDUCTOR TEMPERATURE. CABLES SHALL MEET THE REQUIREMENT OF TP127 SECTION 12 & BE TRANSPORT CANADA MARINE APPROVED.
- THE BATTERY POWER PLANT SHALL CONFORM TO TP127, SECTIONS 51 & 55.
- STEERING GEAR CONTROLS, ALARMS & INDICATION SHALL COMPLY WITH TP127 SECTION 11.12
- REFER TO TORMONT DRAWING 021050E110, SHT. 3 OF 3, FOR OIL PRESSURE RELAYS 'OPR'.
- 60 AMP CIRCUIT BREAKER & BATTERY DISCONNECT SWITCH NAMEPLATE, WHITE LETTERS WITH RED BACKGROUND STATING:
"ESSENTIAL PANEL F BATTERY BACK UP DISCONNECT"
- THE DRAWINGS PROVIDED ARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE CURRENT STATE OF THE VESSEL; HOWEVER, IT IS THE RESPONSIBILITY OF THE SHIPYARD TO VERIFY CIRCUIT NUMBERS, CIRCUIT WIRING AND EQUIPMENT INSTALLATION PRIOR TO REFITTING THE VESSEL. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
- ALL ELECTRICAL EQUIPMENT, WIRING, & INSTALLATION TO CONFORM TO TCMS TP127 E (GROUP 5 VESSEL)
- ALL NAVIGATION AND CCTV WIRING MAY NEED TO BE REWIRED DEPENDING ON THE RACEWAY AND EXISTING WIRE LENGTH. SPLICES AND JUNCTION BOXES FOR WIRE EXTENSION ARE NOT ACCEPTABLE UNLESS NOTED OTHERWISE.

RED TEXT INDICATES CHANGES TO EXISTING OR INSTALLATION OF NEW MATERIALS IN THE VESSEL

REVISION	REVISION DATE	ISSUED DATE
		MAY 23, 2018
		SCALE: N/A
		DRAWN BY: CM
		CHECKED: MD

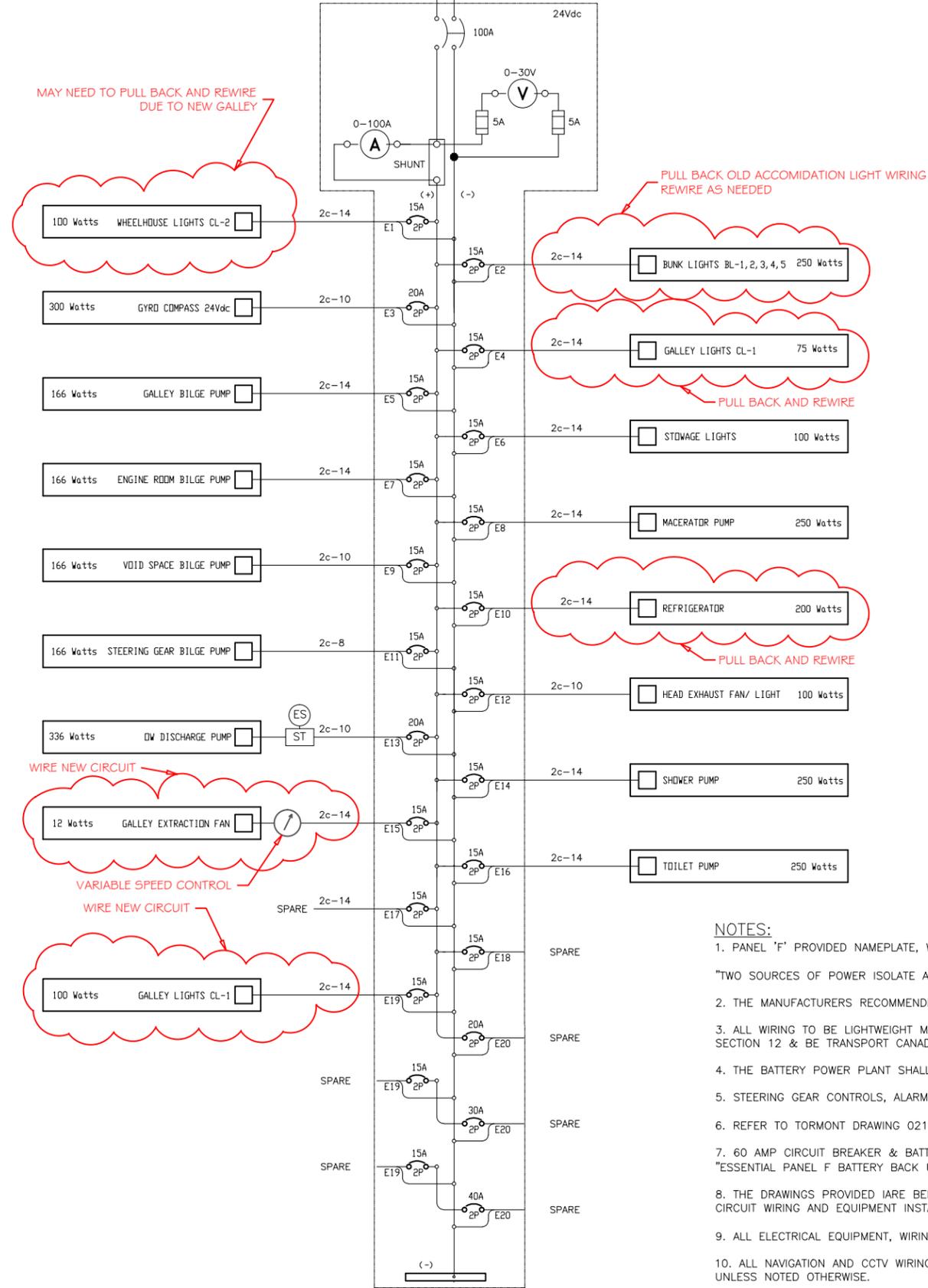
CANADIAN COAST GUARD
VAKTA REFIT

APPROVED BY	STATUS
GG	FOR CONSTRUCTION
REVI	1178-2 ELECTRICAL DC



FROM PANEL D (DC-1) *PANEL E MAIN POWER*
SHEET 2

PANEL E (DC2)



24Vdc MACHINERY DISTRIBUTION PANEL
(FWD STOWAGE SPACE)

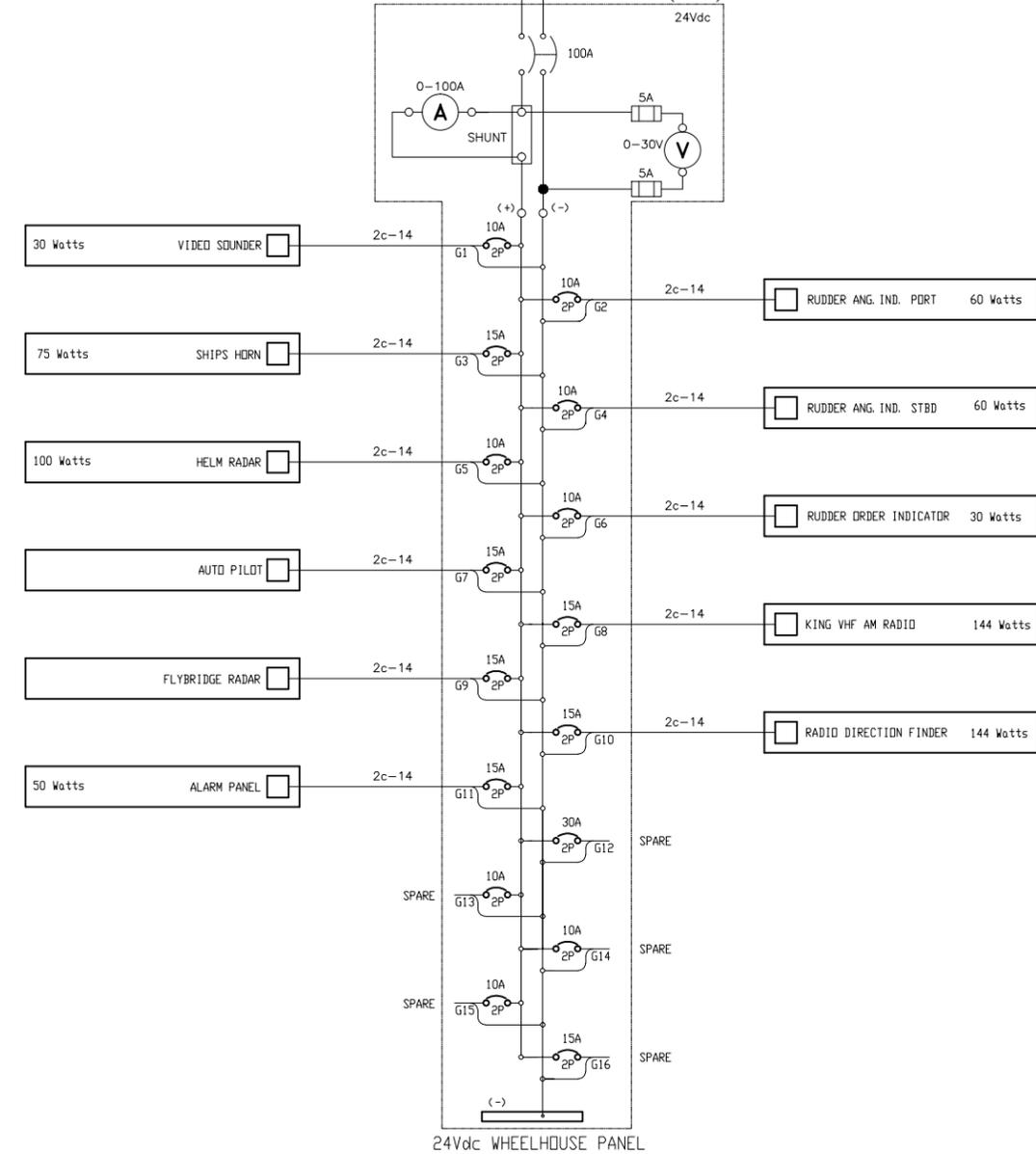
NOTES:

- PANEL 'F' PROVIDED NAMEPLATE, WHITE LETTERS WITH RED BACKGROUND STATING:
"TWO SOURCES OF POWER ISOLATE AT PANEL D ENGINE ROOM & DISCONNECT BATTERY AT FLY BRIDGE CONSOLE"
- THE MANUFACTURERS RECOMMENDED RF SUPPRESSOR SHALL BE SUPPLIED & INSTALLED ON THE ALTERNATORS.
- ALL WIRING TO BE LIGHTWEIGHT MARINE TYPE, CROSS LINKED POLYETHYLENE INSULATED RATED FOR AT LEAST 85°C MAXIMUM CONDUCTOR TEMPERATURE. CABLES SHALL MEET THE REQUIREMENT OF TP127 SECTION 12 & BE TRANSPORT CANADA MARINE APPROVED.
- THE BATTERY POWER PLANT SHALL CONFORM TO TP127, SECTIONS 51 & 55.
- STEERING GEAR CONTROLS, ALARMS & INDICATION SHALL COMPLY WITH TP127 SECTION 11.12
- REFER TO TORMONT DRAWING 021050E110, SHT. 3 OF 3, FOR OIL PRESSURE RELAYS 'OPR'.
- 60 AMP CIRCUIT BREAKER & BATTERY DISCONNECT SWITCH NAMEPLATE, WHITE LETTERS WITH RED BACKGROUND STATING:
"ESSENTIAL PANEL F BATTERY BACK UP DISCONNECT"
- THE DRAWINGS PROVIDED IARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE CURRENT STATE OF THE VESSEL; HOWEVER, IT IS THE RESPONSIBILITY OF THE SHIPYARD TO VERIFY CIRCUIT NUMBERS, CIRCUIT WIRING AND EQUIPMENT INSTALLATION PRIOR TO REFITTING THE VESSEL. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
- ALL ELECTRICAL EQUIPMENT, WIRING, & INSTALLATION TO CONFORM TO TCMS TP127 E (GROUP 5 VESSEL)
- ALL NAVIGATION AND CCTV WIRING MAY NEED TO BE REWIRED DEPENDING ON THE RACEWAY AND EXISTING WIRE LENGTH. SPLICES AND JUNCTION BOXES FOR WIRE EXTENSION ARE NOT ACCEPTABLE UNLESS NOTED OTHERWISE.

RED TEXT INDICATES CHANGES TO EXISTING OR
INSTALLATION OF NEW MATERIALS IN THE VESSEL

FROM PANEL D (DC-1) *PANEL G MAIN POWER*
SHEET 2

PANEL G (DC4)



24Vdc WHEELHOUSE PANEL

REVISION	REVISION DATE	ISSUED DATE
		MAY 23, 2018
		SCALE: N/A
		DRAWN BY: CM
		CHECKED: MD

CANADIAN COAST GUARD
VAKTA REFIT

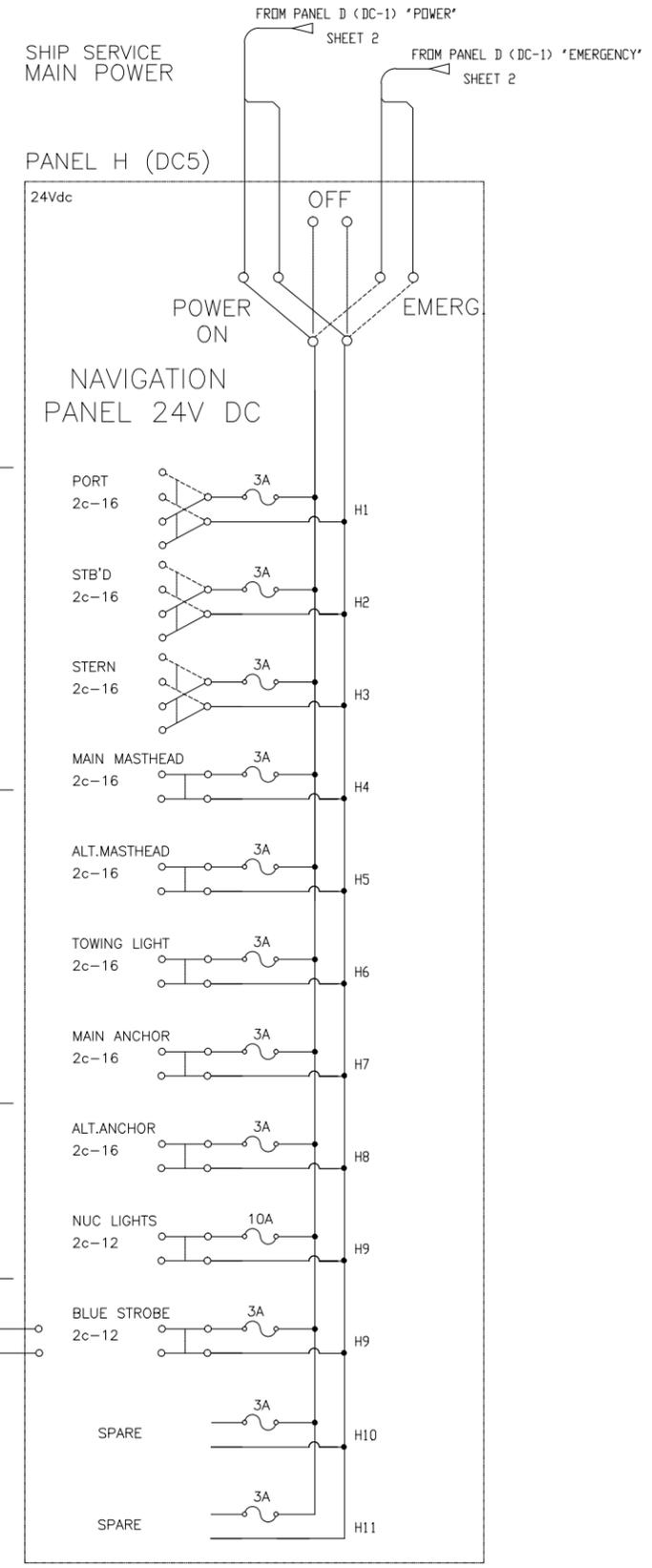
APPROVED BY	STATUS
GG	FOR CONSTRUCTION
REVI	1178-2 ELECTRICAL DC



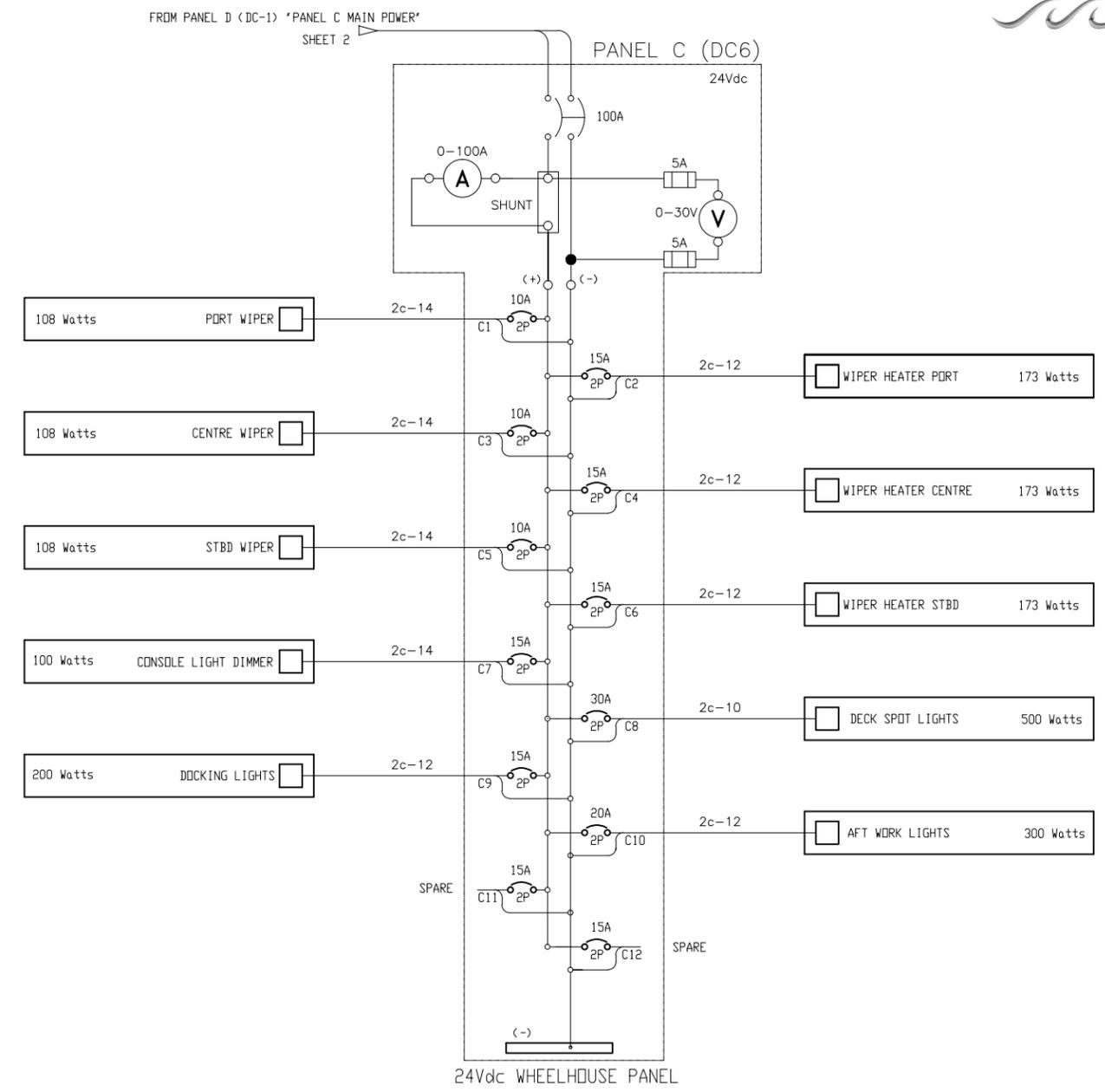
REVISION	REVISION DATE	ISSUED DATE
		MAY 23, 2018
		SCALE: N/A
		DRAWN BY: CM
		CHECKED: MD

CANADIAN COAST GUARD
VAKTA REFIT

STATUS:	APPROVED BY
SHEET # 4 OF 5	GG
FOR CONSTRUCTION	
1178-2 ELECTRICAL DC	REVI



24Vdc NAVIGATION LIGHT PANEL H

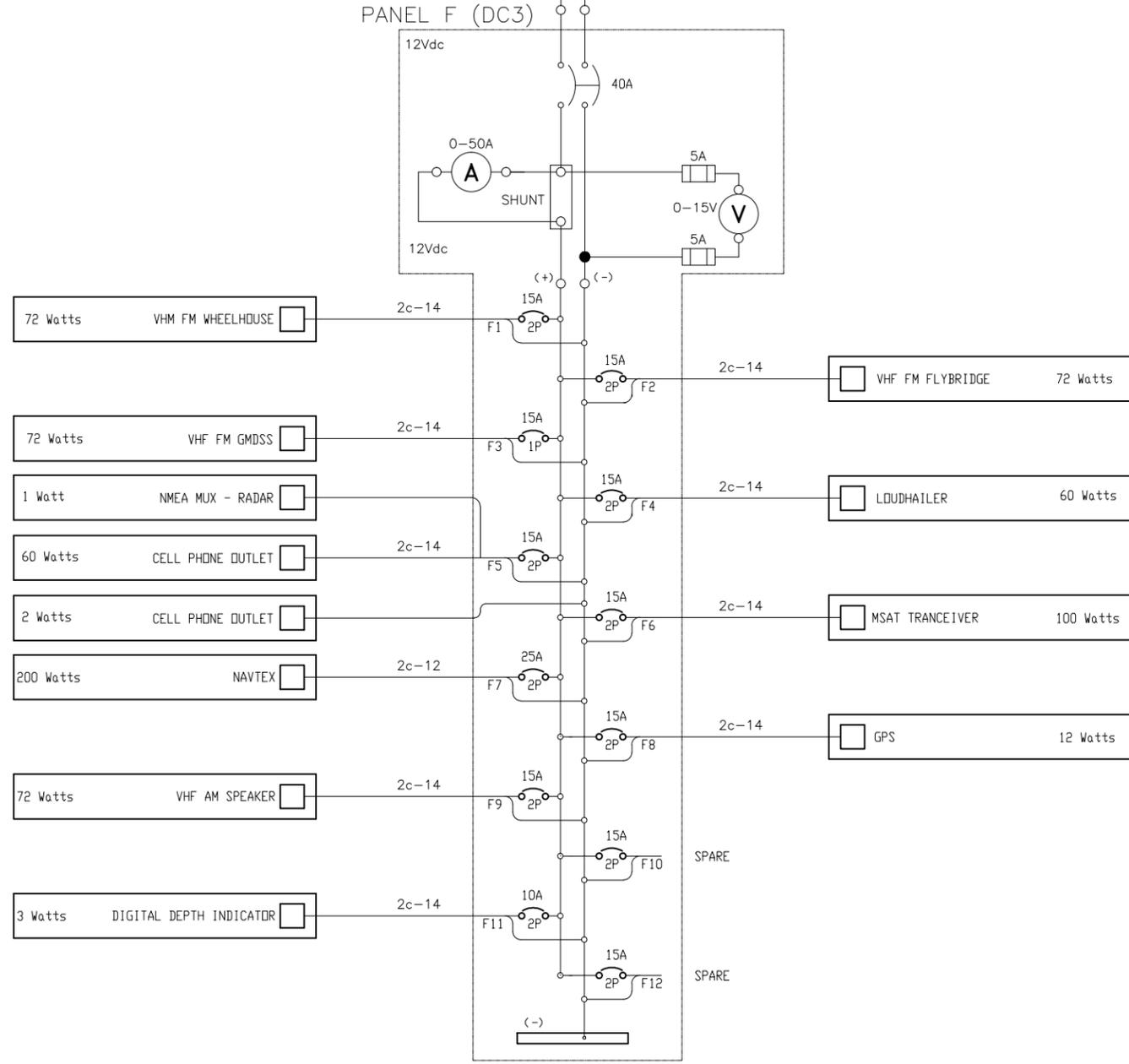
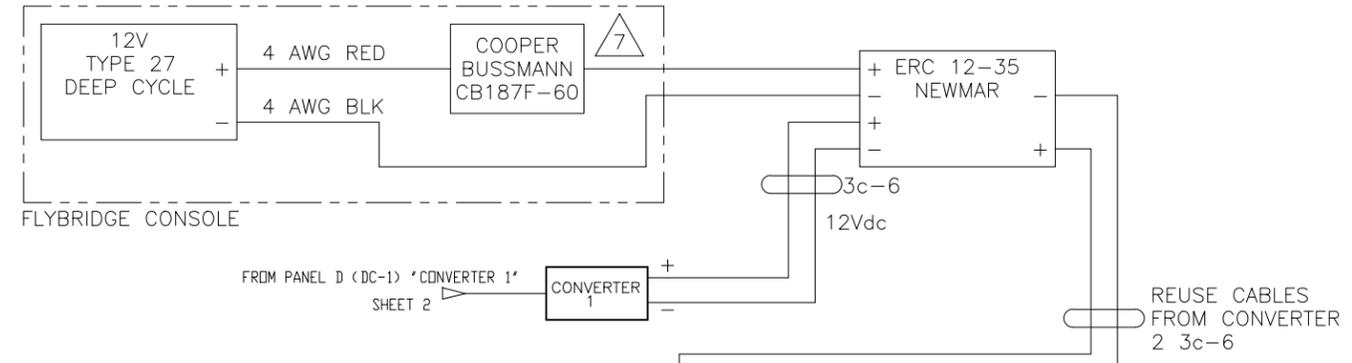


24Vdc WHEELHOUSE PANEL

NOTES:

- PANEL 'F' PROVIDED NAMEPLATE, WHITE LETTERS WITH RED BACKGROUND STATING:
"TWO SOURCES OF POWER ISOLATE AT PANEL D ENGINE ROOM & DISCONNECT BATTERY AT FLY BRIDGE CONSOLE"
- THE MANUFACTURERS RECOMMENDED RF SUPPRESSOR SHALL BE SUPPLIED & INSTALLED ON THE ALTERNATORS.
- ALL WIRING TO BE LIGHTWEIGHT MARINE TYPE, CROSS LINKED POLYETHYLENE INSULATED RATED FOR AT LEAST 85°C MAXIMUM CONDUCTOR TEMPERATURE. CABLES SHALL MEET THE REQUIREMENT OF TP127 SECTION 12 & BE TRANSPORT CANADA MARINE APPROVED.
- THE BATTERY POWER PLANT SHALL CONFORM TO TP127, SECTIONS 51 & 55.
- STEERING GEAR CONTROLS, ALARMS & INDICATION SHALL COMPLY WITH TP127 SECTION 11.12
- REFER TO TORMONT DRAWING 021050E110, SHT. 3 OF 3, FOR OIL PRESSURE RELAYS 'OPR'.
- 60 AMP CIRCUIT BREAKER & BATTERY DISCONNECT SWITCH NAMEPLATE, WHITE LETTERS WITH RED BACKGROUND STATING:
"ESSENTIAL PANEL F BATTERY BACK UP DISCONNECT"
- THE DRAWINGS PROVIDED ARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE CURRENT STATE OF THE VESSEL; HOWEVER, IT IS THE RESPONSIBILITY OF THE SHIPYARD TO VERIFY CIRCUIT NUMBERS, CIRCUIT WIRING AND EQUIPMENT INSTALLATION PRIOR TO REFITTING THE VESSEL. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
- ALL ELECTRICAL EQUIPMENT, WIRING, & INSTALLATION TO CONFORM TO TCMS TP127 E (GROUP 5 VESSEL)
- ALL NAVIGATION AND CCTV WIRING MAY NEED TO BE REWIRED DEPENDING ON THE RACEWAY AND EXISTING WIRE LENGTH. SPLICES AND JUNCTION BOXES FOR WIRE EXTENSION ARE NOT ACCEPTABLE UNLESS NOTED OTHERWISE.

RED TEXT INDICATES CHANGES TO EXISTING OR INSTALLATION OF NEW MATERIALS IN THE VESSEL



12Vdc WHEELHOUSE PANEL
(ESSENTIAL SERVICES)
SEE NOTE 1

NOTES:

- PANEL 'F' PROVIDED NAMEPLATE, WHITE LETTERS WITH RED BACKGROUND STATING:
"TWO SOURCES OF POWER ISOLATE AT PANEL D ENGINE ROOM & DISCONNECT BATTERY AT FLY BRIDGE CONSOLE"
- THE MANUFACTURERS RECOMMENDED RF SUPPRESSOR SHALL BE SUPPLIED & INSTALLED ON THE ALTERNATORS.
- ALL WIRING TO BE LIGHTWEIGHT MARINE TYPE, CROSS LINKED POLYETHYLENE INSULATED RATED FOR AT LEAST 85°C MAXIMUM CONDUCTOR TEMPERATURE. CABLES SHALL MEET THE REQUIREMENT OF TP127 SECTION 12 & BE TRANSPORT CANADA MARINE APPROVED.
- THE BATTERY POWER PLANT SHALL CONFORM TO TP127, SECTIONS 51 & 55.
- STEERING GEAR CONTROLS, ALARMS & INDICATION SHALL COMPLY WITH TP127 SECTION 11.12
- REFER TO TORMONT DRAWING 021050E110, SHT. 3 OF 3, FOR OIL PRESSURE RELAYS 'OPR'.
- 60 AMP CIRCUIT BREAKER & BATTERY DISCONNECT SWITCH NAMEPLATE, WHITE LETTERS WITH RED BACKGROUND STATING:
"ESSENTIAL PANEL F BATTERY BACK UP DISCONNECT"
- THE DRAWINGS PROVIDED ARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE CURRENT STATE OF THE VESSEL; HOWEVER, IT IS THE RESPONSIBILITY OF THE SHIPYARD TO VERIFY CIRCUIT NUMBERS, CIRCUIT WIRING AND EQUIPMENT INSTALLATION PRIOR TO REFITTING THE VESSEL. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
- ALL ELECTRICAL EQUIPMENT, WIRING, & INSTALLATION TO CONFORM TO TCMS TP127 E (GROUP 5 VESSEL)
- ALL NAVIGATION AND CCTV WIRING MAY NEED TO BE REWIRED DEPENDING ON THE RACEWAY AND EXISTING WIRE LENGTH. SPLICES AND JUNCTION BOXES FOR WIRE EXTENSION ARE NOT ACCEPTABLE UNLESS NOTED OTHERWISE.

RED TEXT INDICATES CHANGES TO EXISTING OR
INSTALLATION OF NEW MATERIALS IN THE VESSEL

REVISION	REVISION DATE	ISSUED DATE
		MAY 23, 2018
		SCALE: N/A
		DRAWN BY: CM
		CHECKED: MD

CANADIAN COAST GUARD
VAKTA REFIT

STATUS:	APPROVED BY
SHEET# 5 OF 5	GG
FOR CONSTRUCTION	
1178-2 ELECTRICAL DC	REVI