REV. MK.	DESCRIPTION	BY	DATE	APPVD
1	GENERAL REVISION REVISED THE TYPE OF CABLE, NUMBER OF LIGHTS, AND TYPE OF CIRCUIT BREAKER. DELETED #1 & #2 FEED PUMP AND #1 & #2 SEA WATER PUMPS. ADDED #118(3) RECEPTACLES FOR OUTSIDE SERVICE	TAK	JULY 7, 1980	
2	ADDED DISCONNECT SW FOR ELEC. RANGE. ADDED THE TYPE OF C.B.	TAK	AUG 27 1981	ALS
3	NAVIGATION LIGHTS REVISED PER RULE REQUIREMENTS. AFT MASTHEAD LGT RELOCATED. ANCHOR LIGHT CHANGED TO YELLOW TOWING LIGHT	TAK	SEP 15 1981	ALS
4	DELETED THE CABLE OIL PUMP FROM ENGINE ROOM PANEL. PROVIDED SEPARATE CIRCUIT FOR FAN COIL UNIT IN INSTRUMENT ROOM. ADDED BROMINATOR IN ENGINE ROOM PANEL. ADDED WIRE CONNECTION TO SPARE PAIR IN #2 LIGHTING PANEL. ADDED NOTE PER TREATY A. 1980 SEA ALARM.	TAK	OCT 15 1981	ALS
5	REVISED THE CAPACITY OF C.B. FOR LIGHTING CIRCUIT FROM 60A TO 15A. REV. SIZE OF BRKR FOR RANGE + DRYER FROM 30A TO 25A AS PER LOADS	TAK	OCT 15 1981	ALS
6	CHANGED INSTRUMENT SPM PANEL TO ENG. RM. PANEL (B)	BJ	11/25	N.S.
7	REVISED DWG PER AS-BUILT INSTALLATION	TAK	3/24/82	

TO E.R. RELAY BOX FOR SOUND POWER TELEPHONE SEE DWG. C-2062-52

FTNIB-83

ENGINE RM. LGTS.

24V BATTERY

BATTERY CHARGER

FOR GENERATOR GOVERNOR CONTROL

ENGINE RM. LGTS.

LIGHT IN THE FUNNEL

DECK LIGHT ON THE FUNNEL

AFT TUNNEL & STEERING ROOM LIGHTS

FORWARD TUNNEL LIGHT

CONVERTER ROOM LIGHTS

STEERING JUNCTION BOX

SANITARY WATER PRESSURE SET

POTABLE HOT WATER CIRCULATING PUMP

24V BATTERY

TO GENERATOR STARTER VIA REGULATOR

BATTERY CHARGER

ENGINE RM. LGTS.

24V BATTERY

FOR GENERATOR START UP

BATTERY CHARGER

NOTE. IF PROVIDED, PANIC PROOF LOCKS ON COOLER/FREEZER DOORS WILL ELIMINATE NEED FOR ALARM.

THREE WAY S.W. IN ENGINE ROOM

LIGHT IN THE FUNNEL

DECK LIGHT ON THE FUNNEL

FORWARD TUNNEL LIGHTS

FORWARD MACHINERY SPACE LIGHTS

ENGINE ALARM & INDICATOR PANEL

FTNIB-26

INSTRUMENT ROOM

POTABLE WATER PRESSURE SET

CABLE OIL PUMP

FAN COIL UNIT

ENGINE RM. FILED (208/120V)

3P

DTNIA-4

RED FOR ROTARY BLOWER

RED FOR CENTRIFUGAL BLOWER

SEE NOTE (TYP.)

BROMINATOR

SPARE

SPARE

SPARE

SPARE

SEE NOTE (TYP.)

SPARE

ENGINE ROOM PANEL (A) 208/120 VAC

TOTAL CONNECTED LOAD 17 KW

FTNIA-10

LEGEND

SYM	DESCRIPTION	EQUIVALENT
⊙	THREE WAY SWITCH (WHERE INDICATED) / THREE WAY SINGLE POLE	PAULUHN MODELS 2182A / PAULUHN MODELS A182A
▭	FLUORESCENT CEILING FIXTURE SURFACE MOUNT TYPE	PAULUHN MODEL# FLC-220 2-20W
◉	INCANDESCENT CEILING FIXTURE VAPOR PROOF 200 W	PAULUHN MODEL# MBA6-B
◈	INCANDESCENT CEILING FIXTURE WATER PROOF 100W	PAULUHN MODEL# 733A
⬬	VAPOR PROOF BULKHEAD FIXTURE 100W	PAULUHN MODEL# 118 BE
◔	BERTH LIGHT W/2W JIP RECEPTACLE & ADJUSTABLE ARM	PAULUHN MODEL# 1035 40W
◐	CHART TABLE LIGHT FLUORESCENT FIXTURE W/ MAGNIFIER	PAULUHN MODEL# 1011-A5-RVDA
◑	FLOOD LIGHT	PHOENIX MR5TEB 1000 (½ TAPE)
▬	SPOT LIGHT 4"	CARLISLE-FINNCH BRASS COAT & WHITE
⊗	NON-WATER PROOF SWITCH FLUSH MOUNTING SINGLE POLE 10A, 125V	PAULUHN MODEL# 2201A OR BB
⊠	WATER PROOF SWITCH BOX SINGLE POLE 10AMP 125V	PAULUHN MODEL# 861 A OR BB
⊕	NON WATER PROOF DUPLEX RECEPTACLE	PASSMAN & SEYMOUR 6300
⊕	WATER PROOF DOUBLE RECEPTACLE 15A (2) W/G GROUND & WEEK PLUG GROUND	PAULUHN MODEL# #2324A
◉	BLUE FLASHING LIGHT	PAULUHN MODEL# 1161A
◉	RED FLASHING LIGHT	PAULUHN MODEL# 1161A
⊥	4"DIA 2 1/2" DEEP W/COVER & GASKET W/4 WIRES CONNECTION BLOCK	PAULUHN MODEL# # 511A
◈	INCANDESCENT CEILING FIXTURE WATER PROOF 100W	PAULUHN MODEL# 733B
◉	INCANDESCENT CEILING FIXTURE VAPOR PROOF 200W	PAULUHN MODEL# 718A
⊵	EMERGENCY LIGHT	CRELAN N 101-2 EMERGENCY LANTERN

ELECTRONICS PANEL 208/120 V

TOTAL CONNECTED LOAD 4 KW

FTNIB-83

NESS ROOM

LOUNGE

FREEZER

COOLER

FAN COIL UNIT

MAGNETIC TAPES & VAPORONE STORE

GALLEY

PUSH BUTTON ALARM

2 MEN ROOM

HEAD

VAPORONE CONTROL ROOM

MAIN DECK PASSAGE CEILING LIGHT

2 MEN ROOM

1 MAN ROOM

1 MAN ROOM

2 MEN ROOM

RECEPTACLES LOCATING OUTSIDE

DRYER 6KW (M.D. AFT HEAD)

25A

30A 2P

208V; 1Φ TO FO'SLE DK OFFICE

PILOT HOUSE CEILING LIGHT

3 WIRE SWITCH NEUTRAL TYPE BRKR.

CHART TABLE LIGHT

RECEPTACLES IN PILOT HOUSE

FAN COIL UNIT

DISH WASHER

REFRIGERATOR & FREEZER

ICE MAKER

T.V. SET 160W

FM RADIO 200W

FOCSLE DK PASSAGE

GALLEY FAN

WASHING MACHINE 900W (M.D. AFT HEAD)

2 MEN ROOM

FAN COIL UNIT

SPARE

SEE NOTE (TYP.)

HEAD

BLOWER

1 MEN ROOM

2 MEN ROOM

SPARE

SPARE

MDT

AFT SPOT LIGHT ON TOP OF FO'SLE DK LIGHT

FOCSLE DECK LIGHT

SWITCH IN ENGINE RM.

SWITCH IN PILOT HOUSE

12V BATTERY

BELL IN FOCSLE AREA

BELL IN GALLEY

BELL IN ENGINE RM.

BATTERY CHARGER LAMACHINE ART-1010-12

12V

ALARM PANEL

DTNIA-4

REV FLASHING UNIT (ENGINE RM.)

SPARE

FTNIB-26

34.4A

LIGHT & RECEPTACLES IN NAVIGATION ROOM

FAN COIL UNIT FOR NAVIGATION ROOM

AFT FLOOD LIGHT (PORT)

1000W AFT FLOOD LIGHT (STBD)

FWD SPOT LIGHT ON TOP OF PILOT HOUSE

MAIN DECK LIGHT

BRIDGE DECK LIGHT

HORN LIGHT

CONSOLE RECEPTACLE (2)

CLEAR VIEW SCREEN

SPARE

SPARE

SEE NOTE (TYP.)

SPARE

DTNIA-10

QUARTERS DISTRIBUTION PANEL

TOTAL CONNECTED LOAD 22 KW 208/120 VAC

TTNIA-10

14A

A/C #2 CONDENSER WATER PUMP

A/C CHILLED WATER LOOP PUMP

A/C STAND-BY PUMP

SPARE

A/C #1 CONDENSER WATER PUMP

A/C HOT WATER/CHILLED WATER PUMP

A/C HOT WATER CIRCULATING PUMP

SPARE

A/C DISTRIBUTION PANEL 460 V 3Φ 3 WIRE

TOTAL CONNECTED LOAD 12 KW

SIDE LIGHT (GREEN)

SIDE LIGHT (RED)

RAD MAST HEAD LIGHT

TOWING LIGHT NO 1

TOWING LIGHT NO 2

STERN (W) LIGHT

ART (YELLOW) ANCHOR LIGHT

SPARE

NOT UNDER COMMAND LIGHT (RED)

NOT UNDER COMMAND LIGHT (RED)

NAVIGATION INDICATOR PANEL

15 AMP MAIN FUSE AND 3 AMP FUSE FOR EACH CIRCUIT

= SUPERVISED CIRCUIT

NOTE: 3 POLE BRKRS. SHOULD BE SWITCH NEUTRAL TYPE.

PILOT HOUSE DISTRIBUTION PANEL 208/120VAC

TOTAL CONNECTED LOAD 10KW

TTNIA-16

175

DISCONNECT SWITCH

ELECTRIC RANGE 12KW

WALK IN COOLER COMPRESSOR

THERMOSTAT

WALK IN FREEZER COMPRESSOR

THERMOSTAT

SPARE

SPARE

MDT

FWD MACHINERY SPACE PANEL 460 V AC 3Φ 3 WIRE

TOTAL CONNECTED LOAD 18 KW

DESIGN ASSOCIATES, INC.
NAVAL ARCHITECTS MARINE ENGINEERS
NEW ORLEANS, LA.

TIDE WATER MARINE SERVICE

143' x 36' x 10' SEISMIC VESSEL

LIGHTING PANEL ONE LINE DIAGRAM

Drawn: TAK	Date: JUNE 25 '81	Checked:	
Traced:	Date:	Checked:	
Aprvd:	Date:	Scale: NONE	
Sheet Of	Drawing No. C-2062-36	Revision Mark 6	

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