F-36 PC/EX DIAGRAM INDEX

AC CIRCUITS

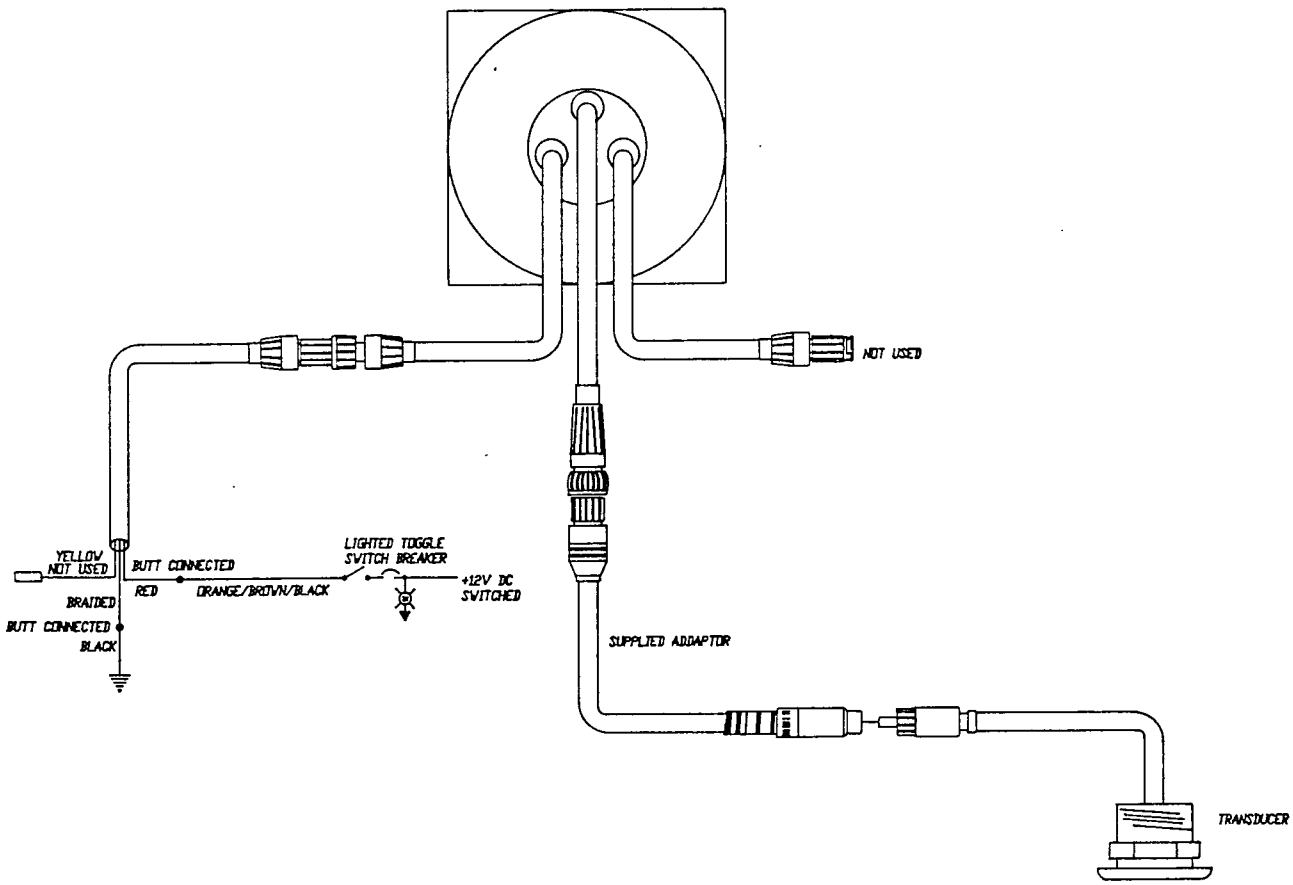
BONDING

DC CIRCUITS

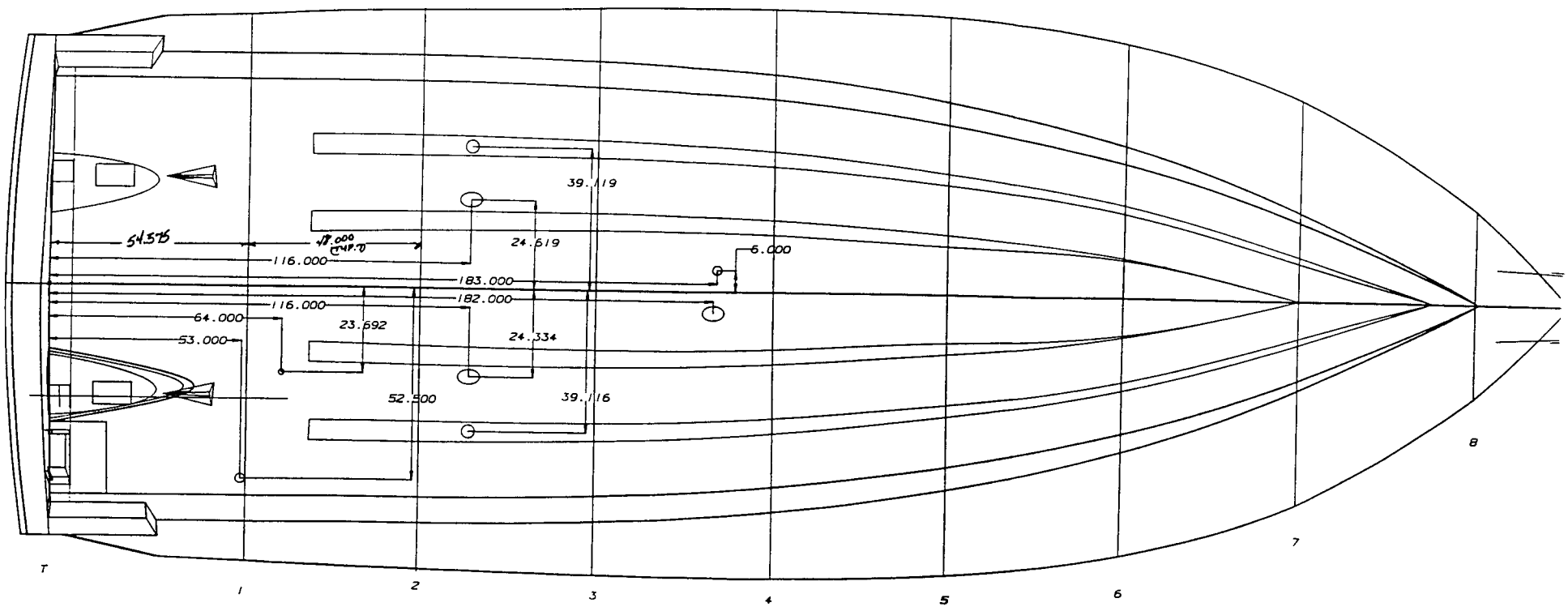
ELECTRONICS

FUEL SYSTEMS

PLUMBING



THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	TITLE: Autohelm® DEPTH SOUNDER WIRING
	DR BY: KKE / CH BY: JRE
	DATE: 9-3-91 / NO.: VS-526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6.000
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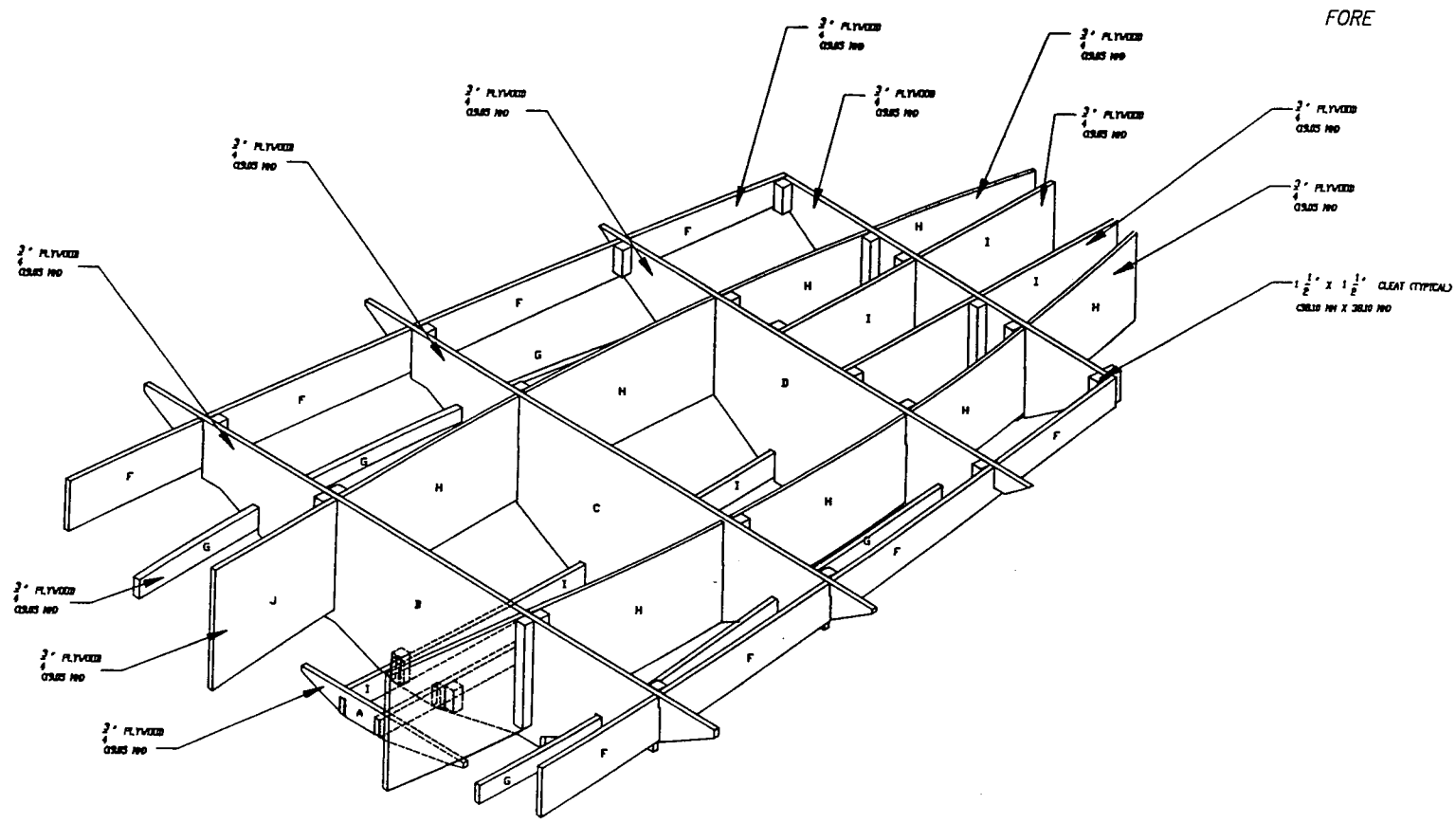
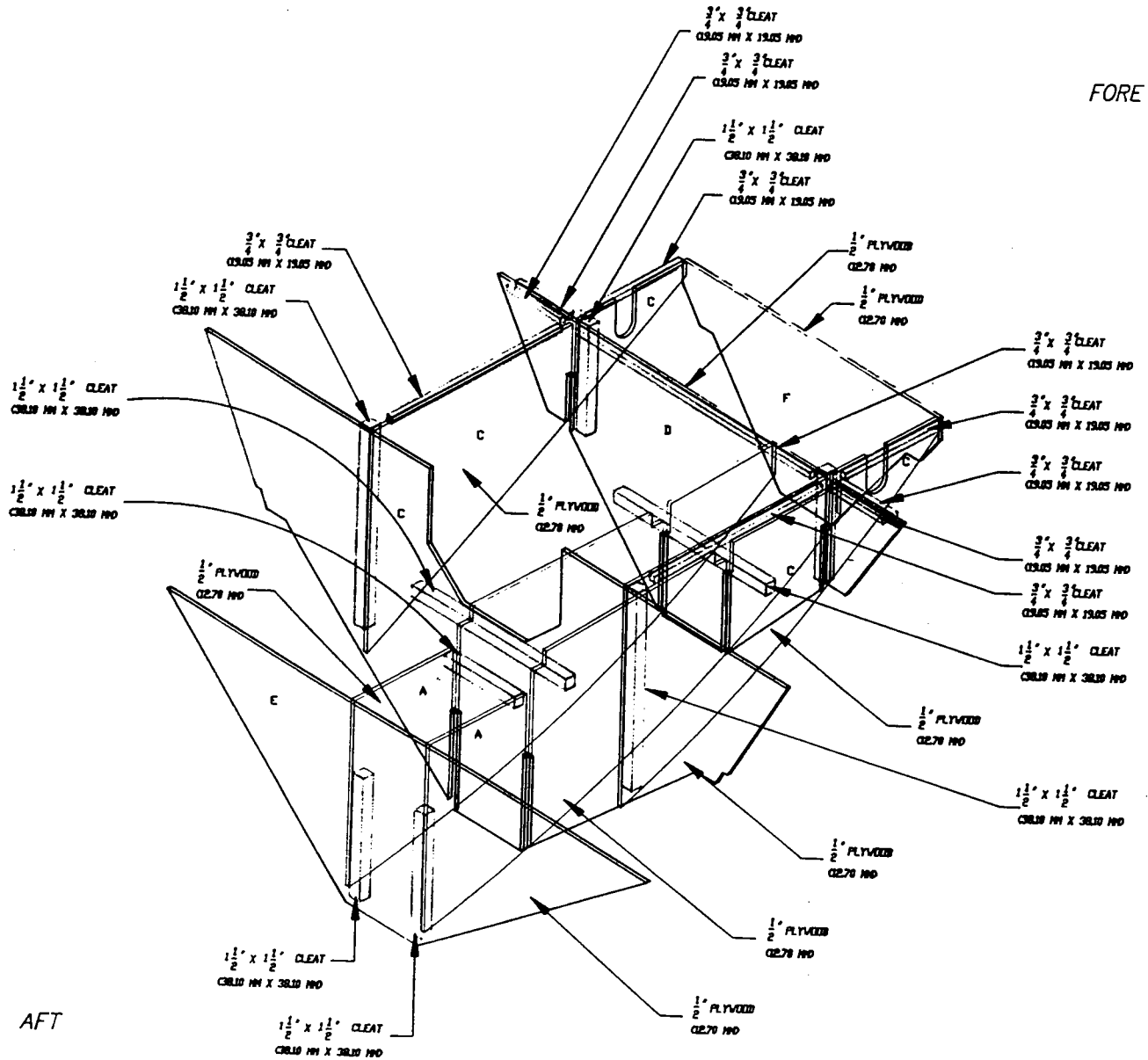
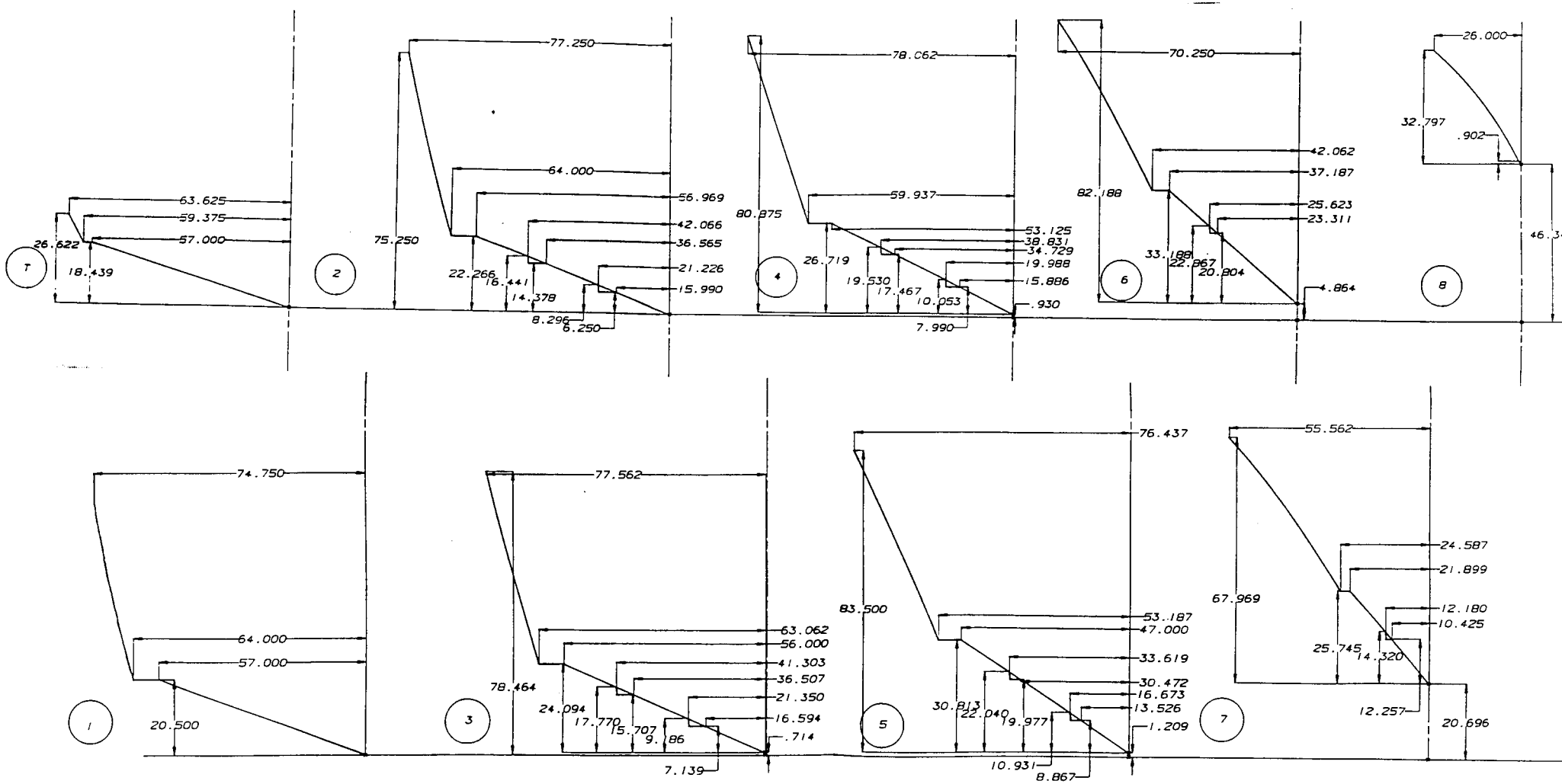
7
8



TITLE: F-36 PC
CABIN STRINGERS (ISO)



TITLE: F-36 PC V-BERTH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59.375
57.000
26.622
18.439
2
77.250
64.000
56.969
42.066
36.565
21.226
15.990
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22.266
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8.296
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4
78.062
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53.125
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19.530
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10.053
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25.623
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33.188
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8
26.000
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56.000
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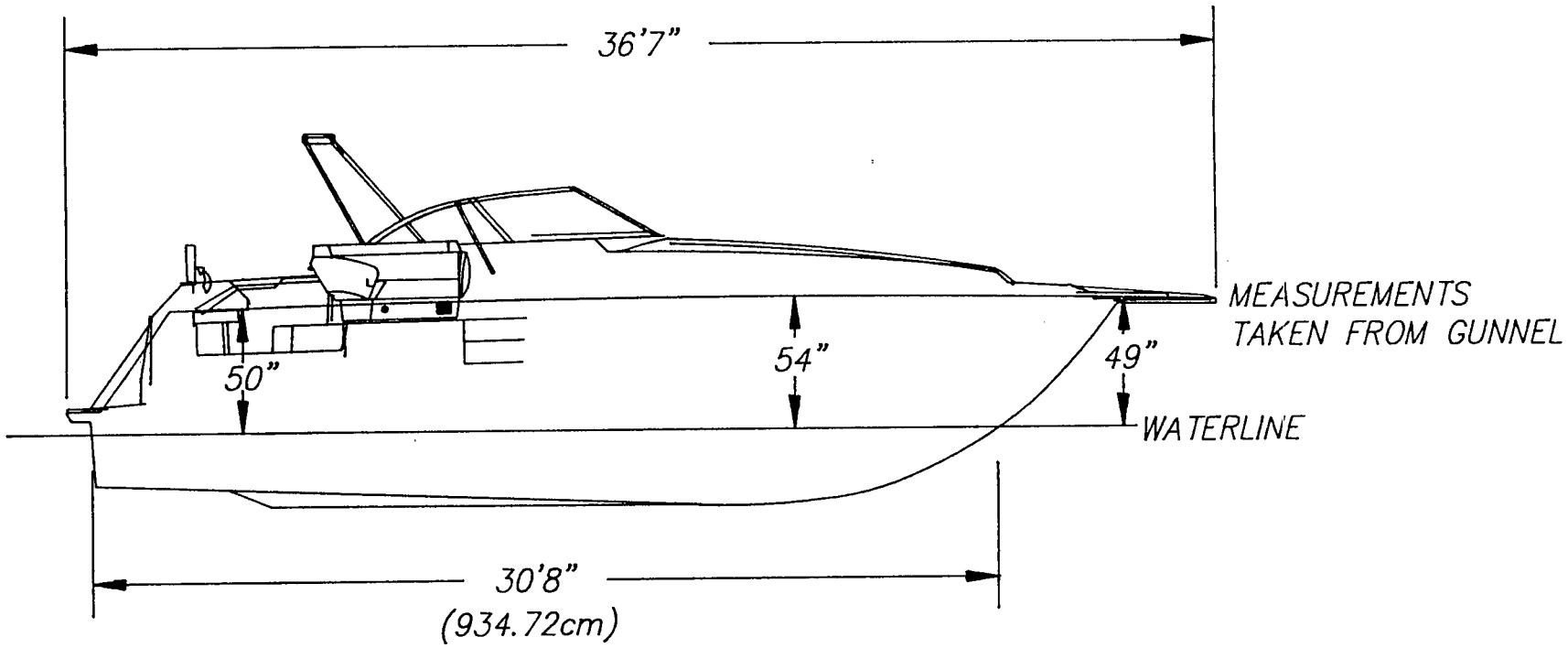
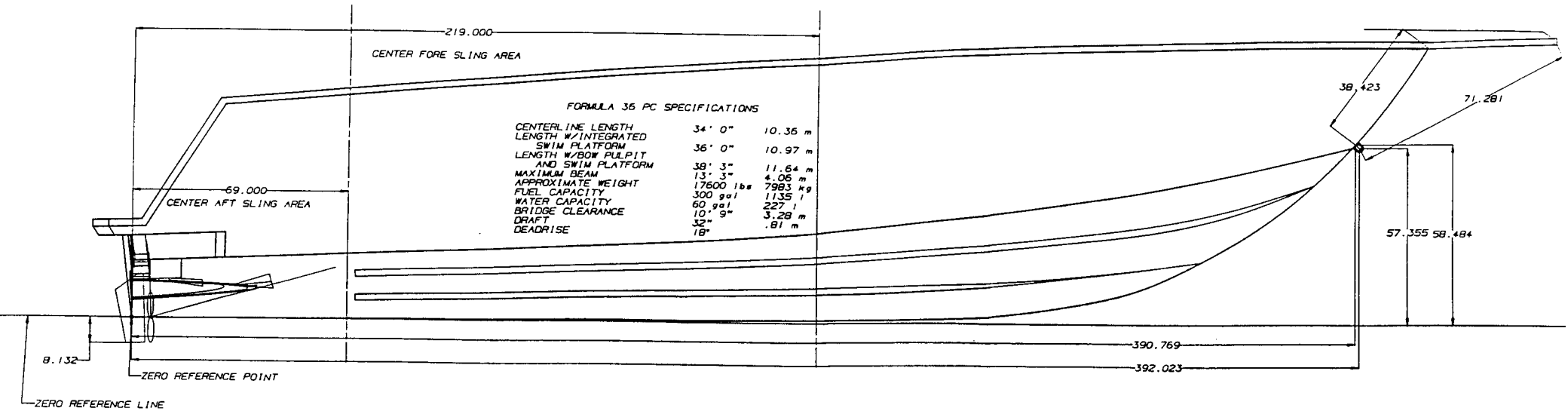


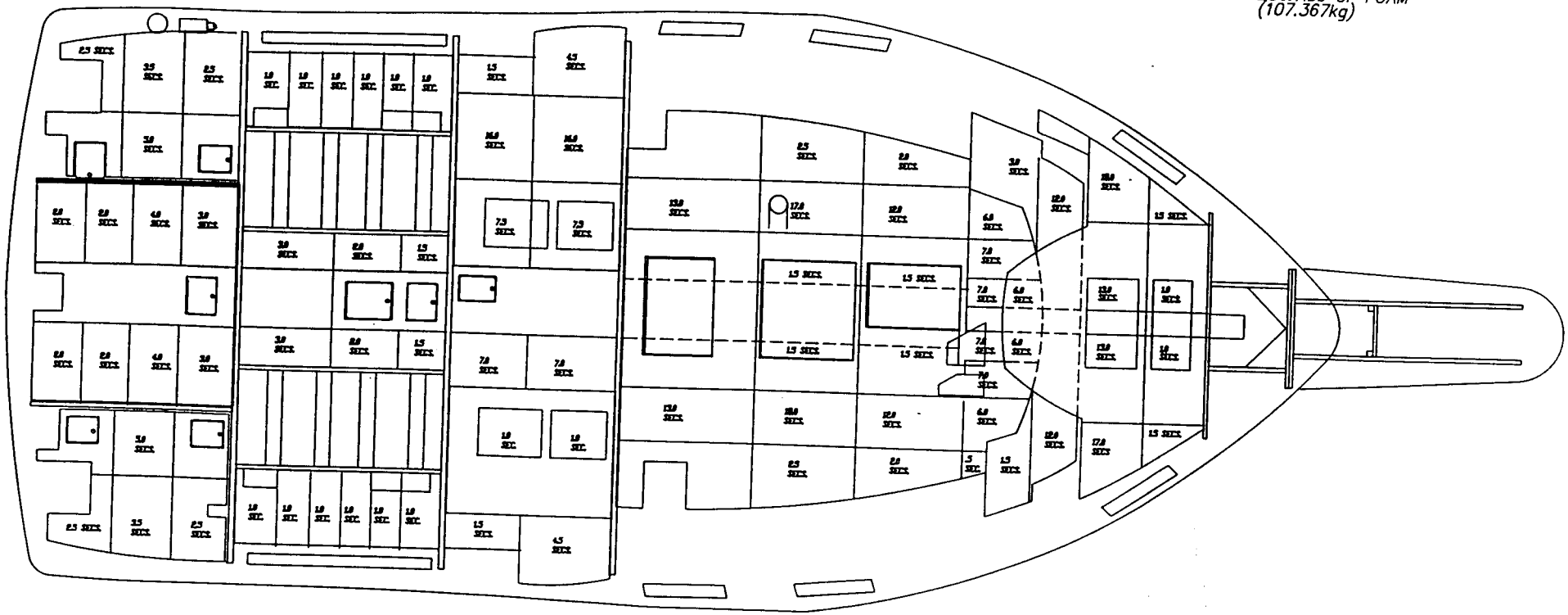
THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733	4					FROM HIN #	TO HIN #	TITLE: 36 WATERLINE MEASUREMENTS
	3					FROM HIN #	TO HIN #	
	2					FROM HIN #	TO HIN #	
	1					FROM HIN #	TO HIN #	DR BY: KKR CH BY:



FORMULA 36 PC SPECIFICATIONS

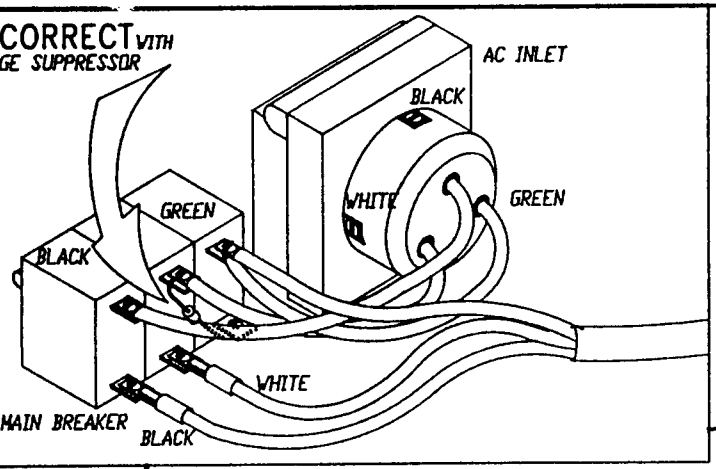
CENTERLINE LENGTH	34' 0"	10.36 m
LENGTH W/INTEGRATED SWIM PLATFORM	36' 0"	10.97 m
LENGTH W/BOW PULPIT AND SWIM PLATFORM	38' 3"	11.64 m
MAXIMUM BEAM	13' 3"	4.06 m
APPROXIMATE WEIGHT	17600 lbs	7983 kg
FUEL CAPACITY	300 gal	1135 l
WATER CAPACITY	60 gal	227 l
BRIDGE CLEARANCE	10' 9"	3.28 m
DRAFT	32"	.81 m
DEADRISE	18°	

2LB FLOATATION FOAM
(.9072kg)
.6lb SHOT TEST (.27216 kg)
394.5 TOTAL SECONDS x .6lb = 236.7lbs OF FOAM
(107.367kg)

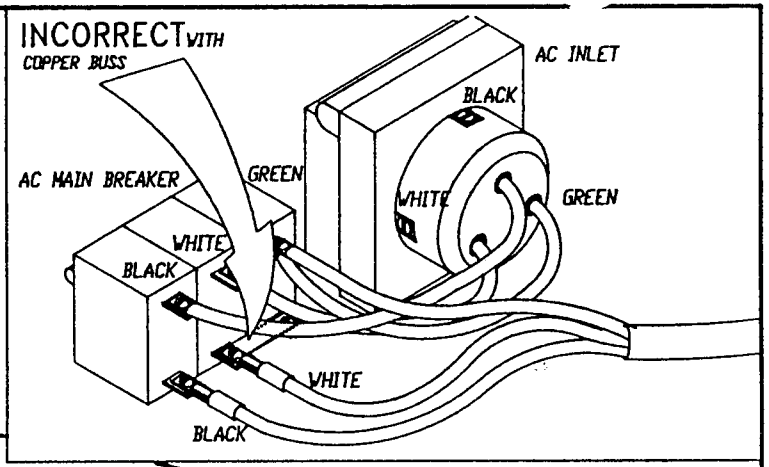


TITLE F- 36 PC
FLOATATION

INCORRECT WITH SURGE SUPPRESSOR



INCORRECT WITH COPPER BUSS

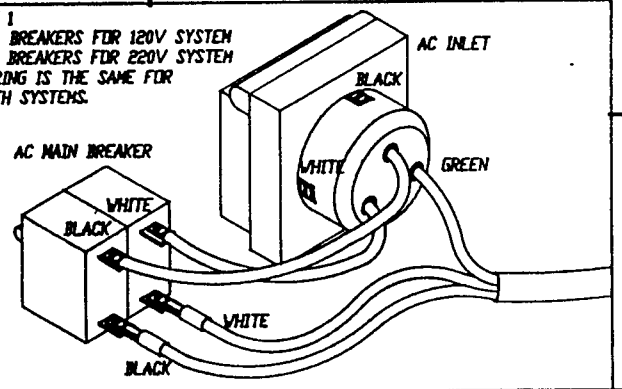


SEE FIG 1 & FIG 2 FOR INLET AND MAIN BREAKER WIRING

AC/DC PANEL

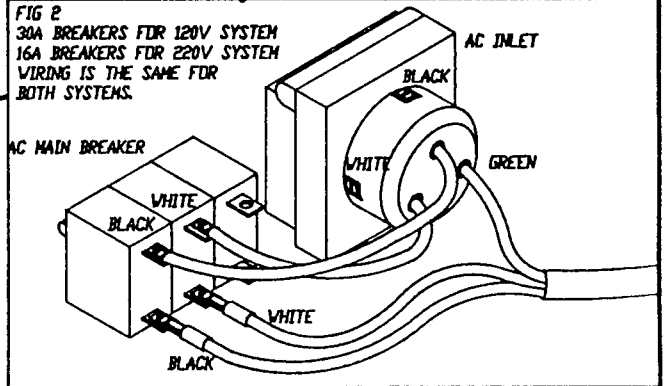
CORRECT

FIG 1
30A BREAKERS FOR 120V SYSTEM
16A BREAKERS FOR 220V SYSTEM
WIRING IS THE SAME FOR BOTH SYSTEMS.

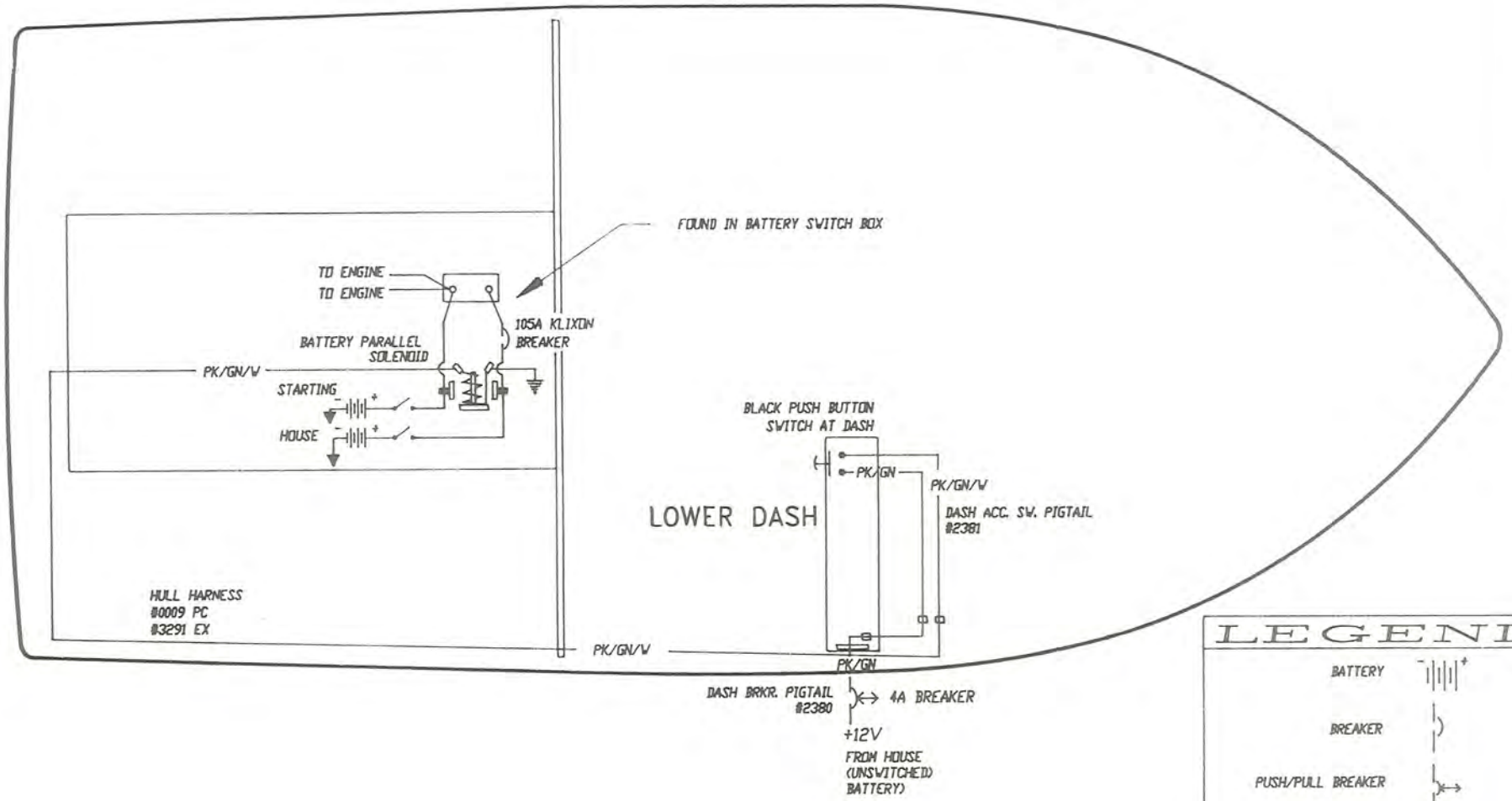


CORRECT

FIG 2
30A BREAKERS FOR 120V SYSTEM
16A BREAKERS FOR 220V SYSTEM
WIRING IS THE SAME FOR BOTH SYSTEMS.



THUNDERBIRD PRODUCTS	4				FROM HIN #	TO HIN #	TITLE: F-26 ,29, 35, 36PC ,36EX
P.O. BOX 501	3				FROM HIN #	TO HIN #	MAIN INLET AND BREAKER WIRING
DECATUR, IN 46733	2				FROM HIN #	TO HIN #	(AFT SEAT PAN)
	1				FROM HIN #	TO HIN #	DR BY: KKR CH BY: RE



LEGEND

- BATTERY
- BREAKER
- PUSH/PULL BREAKER
- ON/OFF SWITCH
- DISTRIBUTION BLOCK
- N.O. SPST INTERMITTENT DUTY SOLENOID
- N.O. PUSH BUTTON SWITCH
- PLUG

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

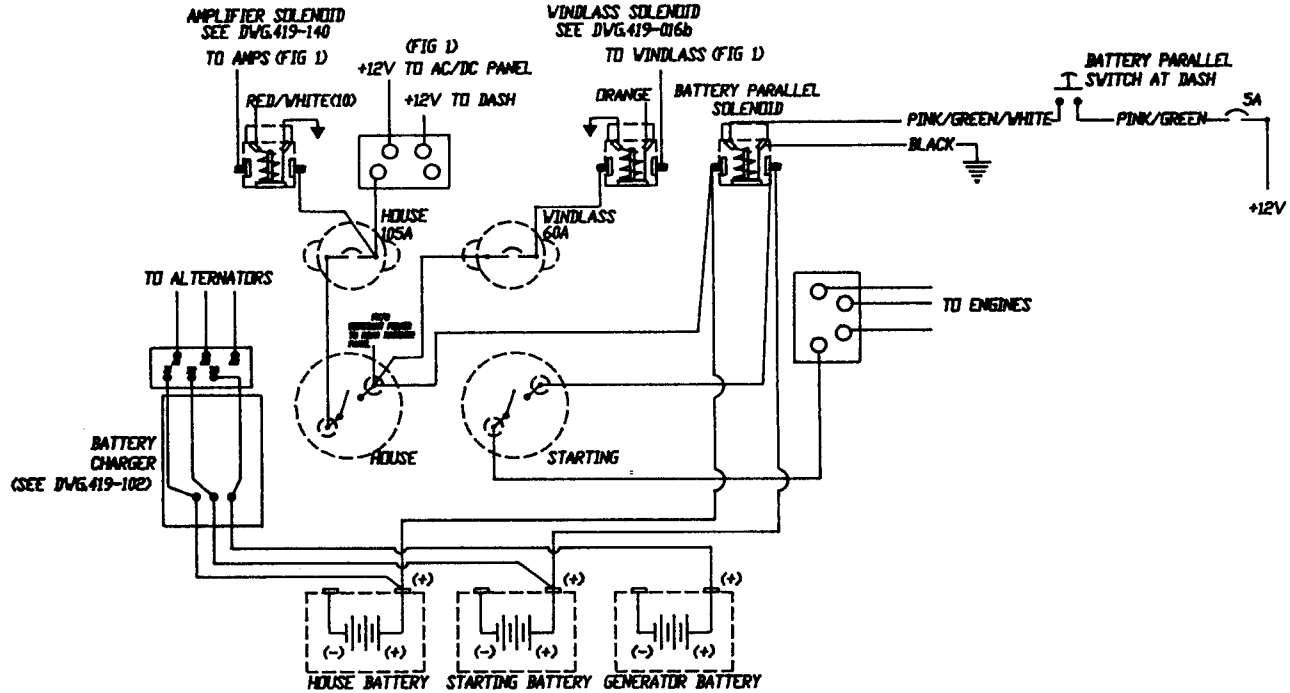
#	REVISIONS	DR	CH	DATE
4				
3				
2				
1				

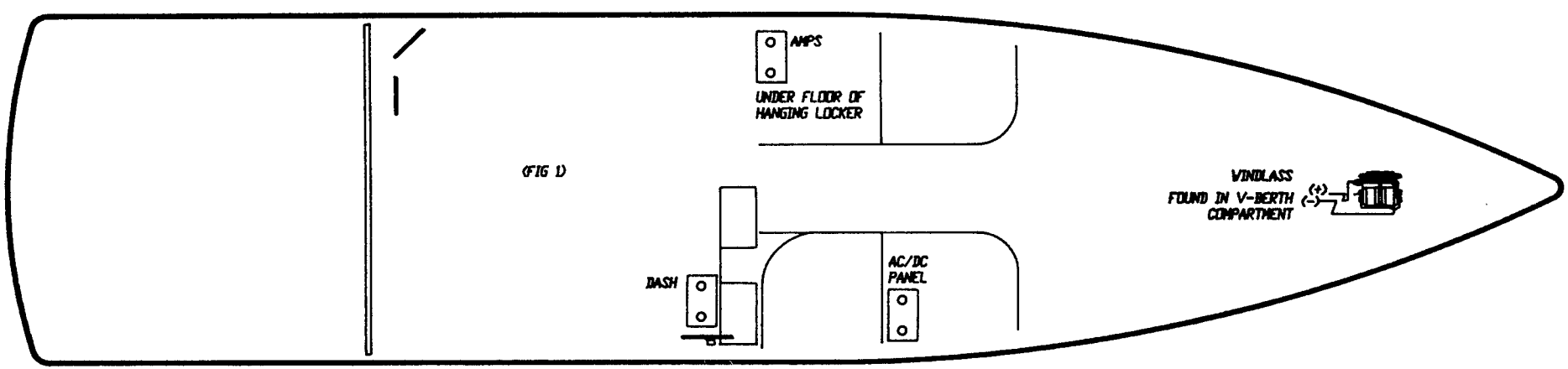
	FROM HIN #	TO HIN #
4		
3		
2		
1		

TITLE: F-36 PC/EX BATTERY PARALLEL CIRCUIT

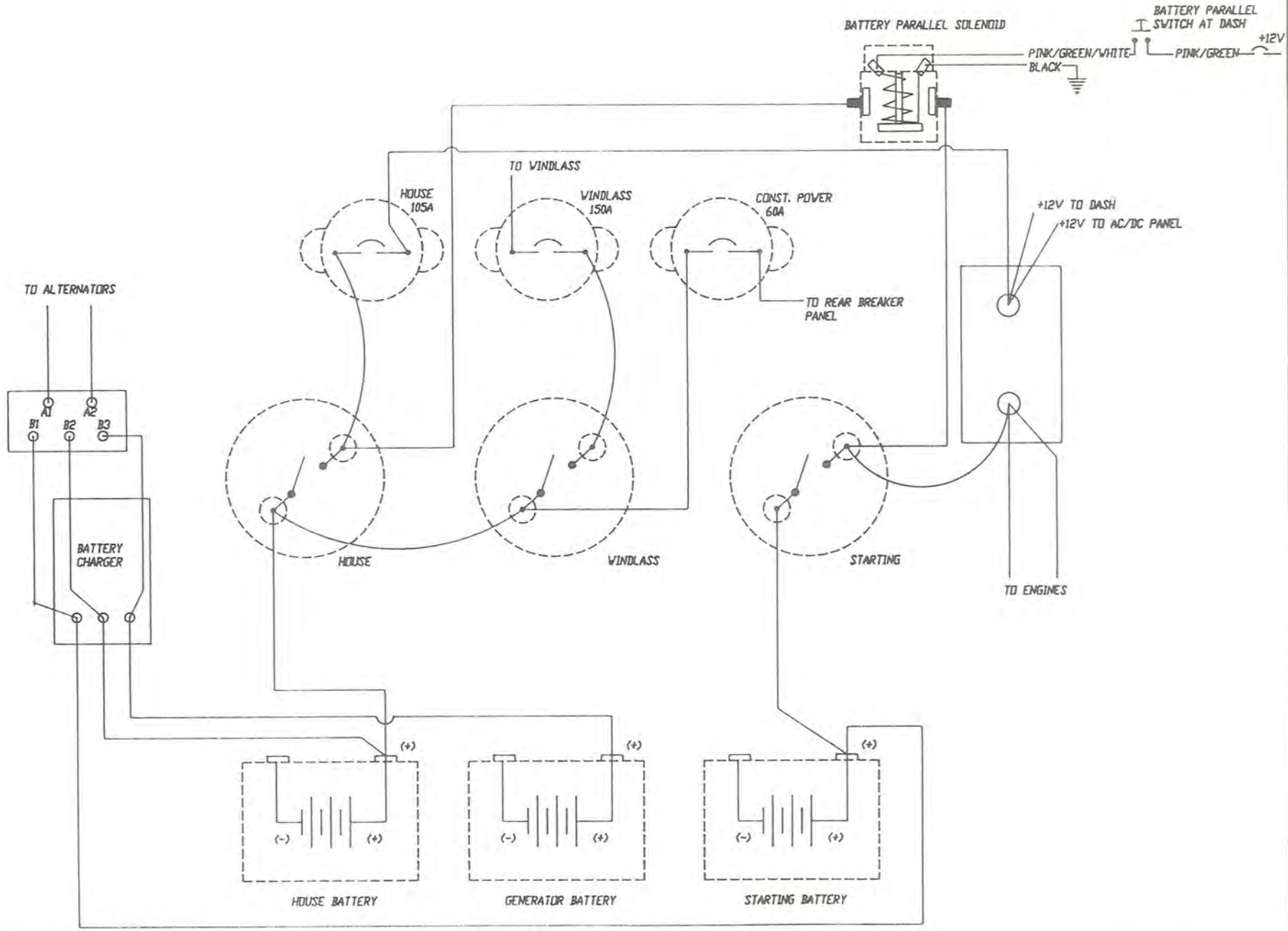
DR BY: KKR CH BY: RE

DATE: 4-30-90 NO.: 36E-PM





THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #	TITLE: DC SUPPLY SYSTEM BATTERY SWITCH BOX IN ENGINE AREA
	3					FROM HIN #	TO HIN #	
	2					FROM HIN #	TO HIN #	
	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: RC
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 9-4-90 / NO.: 360-001a

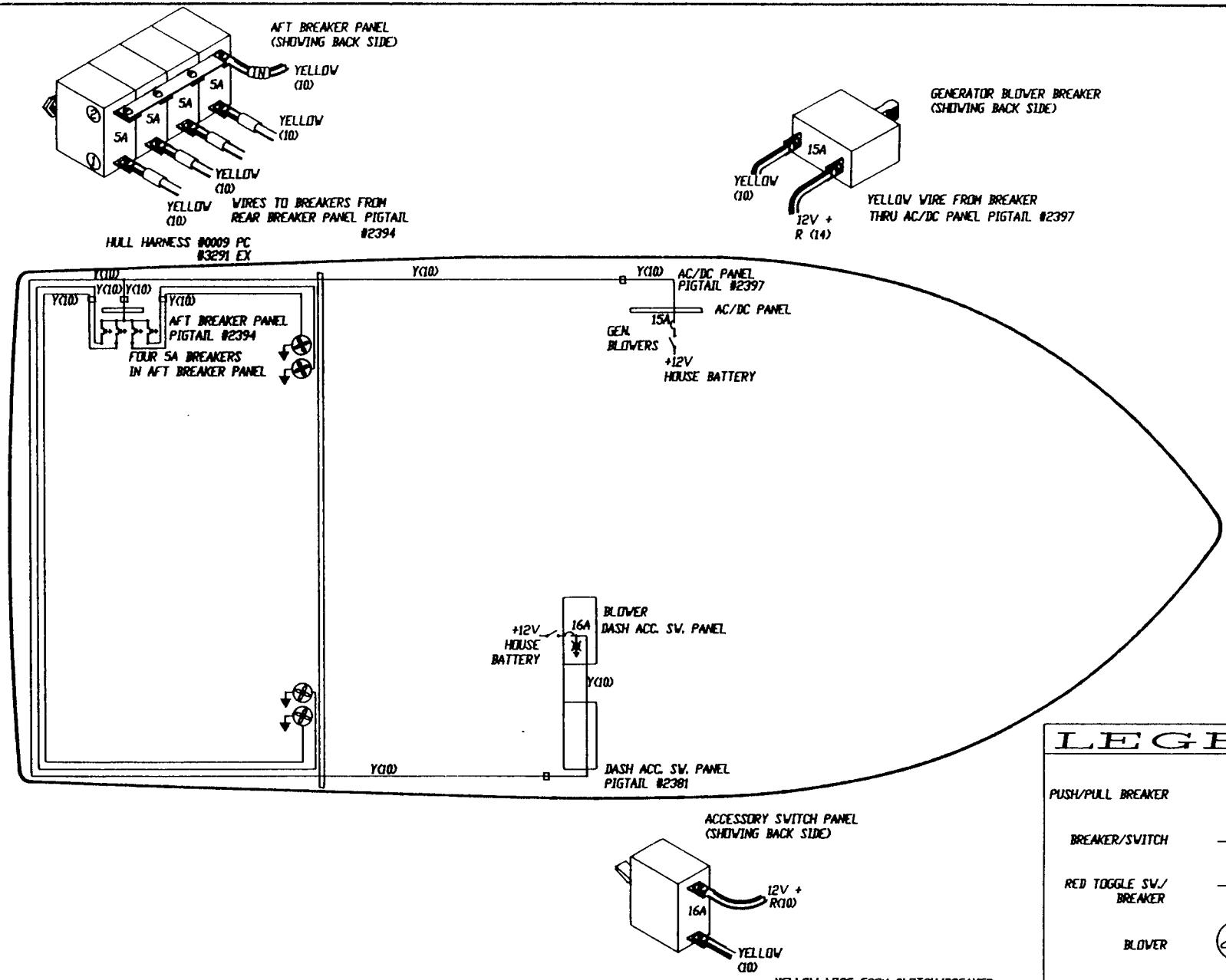


THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #
P.O. BOX 501	3					FROM HIN #	TO HIN #
DECATUR, IN 46733	2					FROM HIN #	TO HIN #
(219) 724-9111	1					FROM HIN #	TO HIN #
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #

TITLE: DC SUPPLY SYSTEM (BATTERY SWITCH BOX IN ENGINE AREA)

DR BY: KKR CH BY: RE

DATE: 6-19-90 NO.: 360-001 a



LEGEND

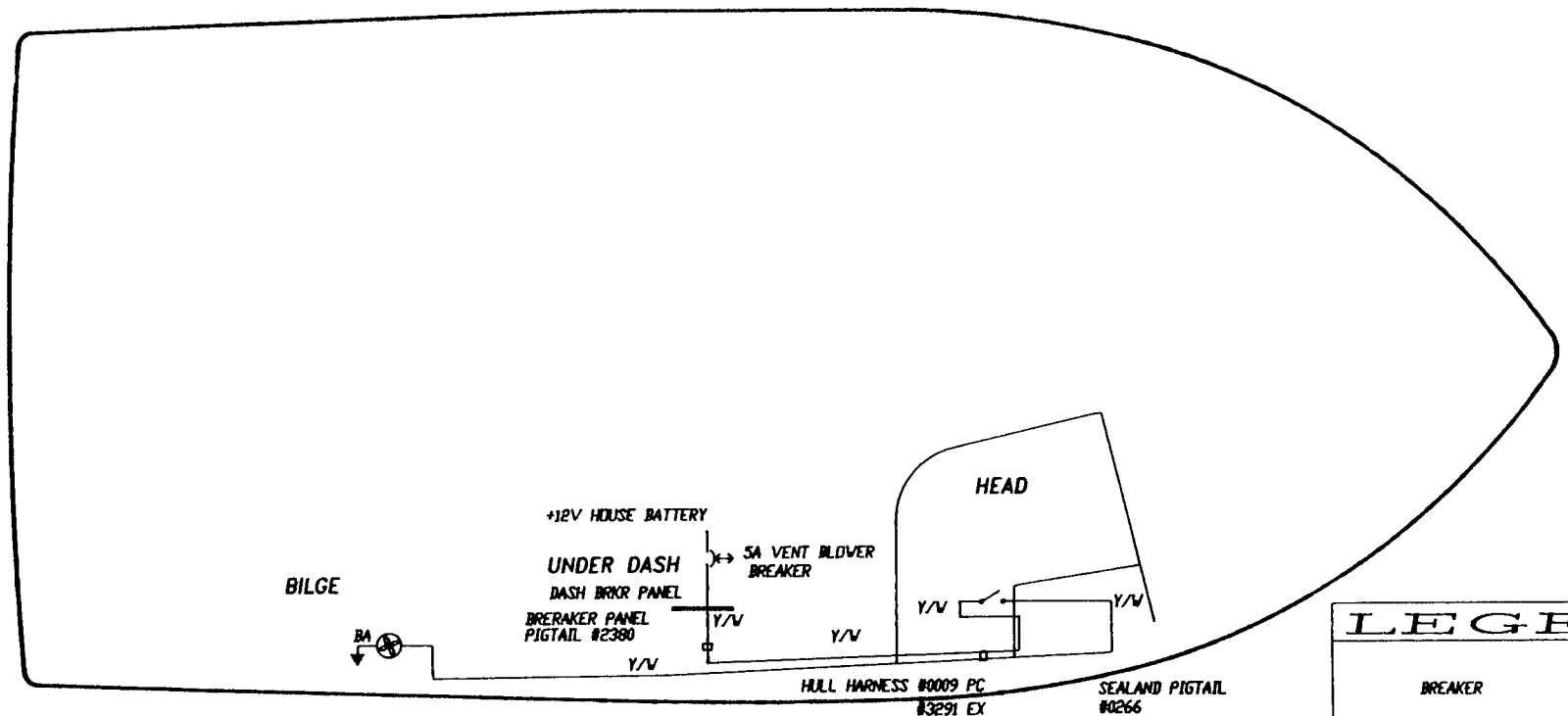
- PUSH/PULL BREAKER
- BREAKER/SWITCH
- RED TOGGLE SW./ BREAKER
- BLOWER
- PLUG
- GROUND

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #
4					FROM HIN #	TO HIN #
3					FROM HIN #	TO HIN #
2					FROM HIN #	TO HIN #
1					FROM HIN #	TO HIN #

TITLE: F-36PC/EX
ENGINE ROOM / GENERATOR BLOWERS

DR BY: KKR | CH BY: R.E.
DATE: 5-14-90 | NO.: 360-002a



LEGEND

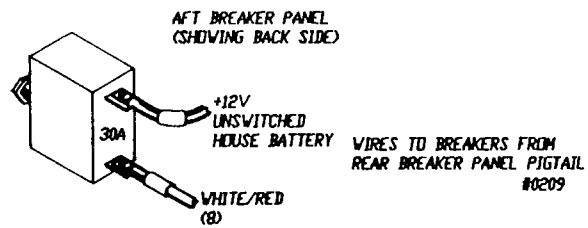
- BREAKER
- TOGGLE SWITCH
- BLOWER
- GROUND
- PLUG

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #
	3					FROM HIN #	TO HIN #
	2					FROM HIN #	TO HIN #
	1					FROM HIN #	TO HIN #
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #

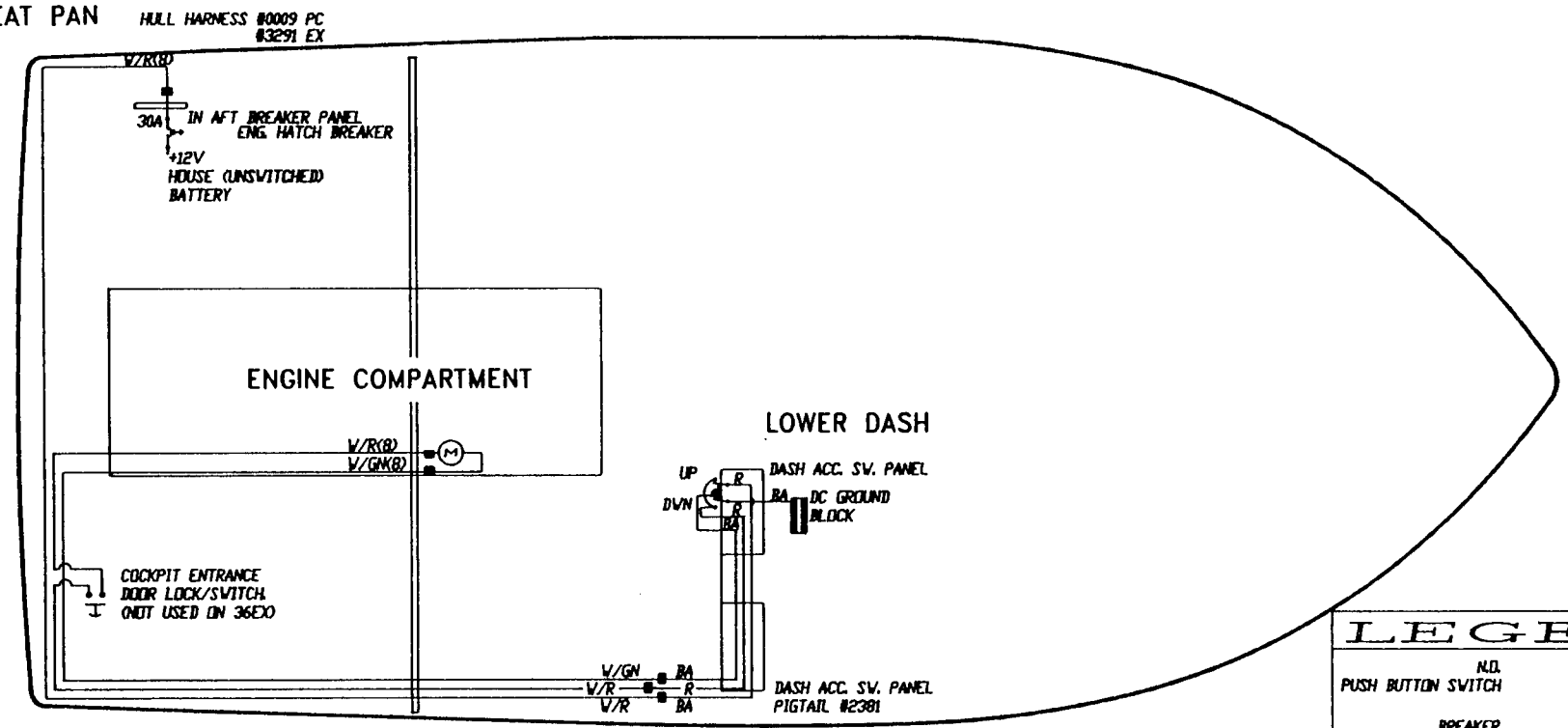
TITLE: F-36 VENT BLOWER DIAGRAM (BEHIND BRKER PANEL/VANITY)

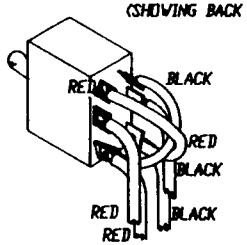
DR BY: KKR CH BY: RE

DATE: 5-22-90 NO.: 360-002b



AFT SEAT PAN





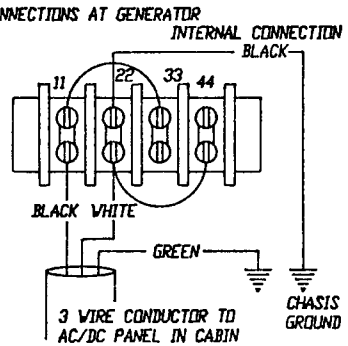
LEGEND

N.O. PUSH BUTTON SWITCH	
BREAKER	
BUTT SPLICE	
PLUG	
TERMINAL BLOCK	
N.O. DPDT SWITCH	
ACTUATOR MOTOR	M
GROUND	

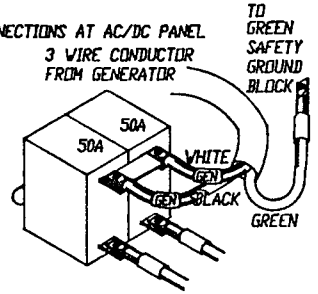
THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #	TITLE: F-36PC/EX ENGINE HATCH RAM (ENGINE COMPARTMENT)
	3					FROM HIN #	TO HIN #	
	2					FROM HIN #	TO HIN #	
	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: RE
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 5-14-90 / NO.: 360-003

QUICKSILVER 120V 60HZ

CONNECTIONS AT GENERATOR



• CONNECTIONS AT AC/DC PANEL



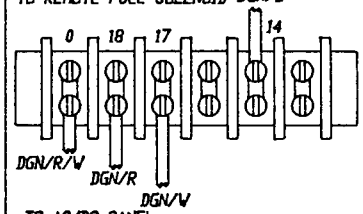
SEE AC/DC PANEL WIRING FOR FURTHER INFORMATION

THE ENGINE MUST BE SET AT 60HZ-62HZ (1800 rpm - 1860 rpm)
SEE QUICKSILVER INSTALLATION MANUAL ADJUSTMENTS SECTION, AND ENGINE GOVERNOR ADJUSTMENT.

QUICKSILVER 12V DC

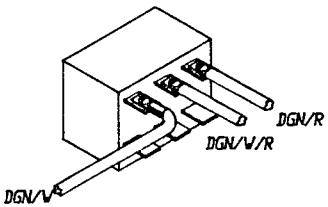
• CONNECTIONS AT GENERATOR

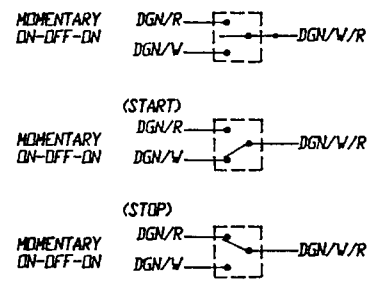
THRU FUEL SOLENOID BRKR TO REMOTE FUEL SOLENOID DGN/O

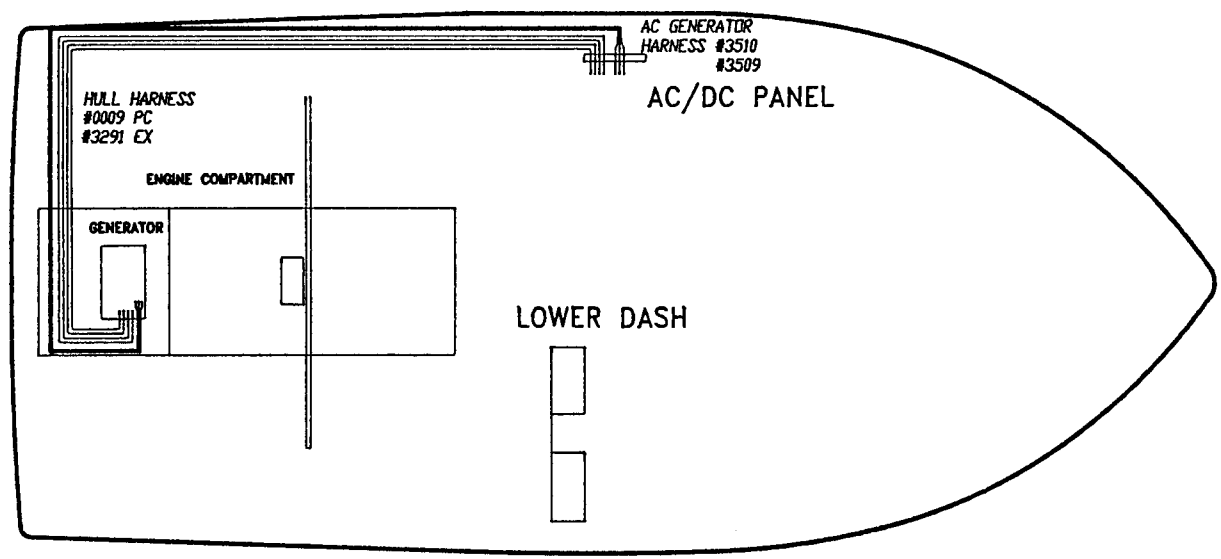


TO AC/DC PANEL

• CONNECTIONS AT AC/DC PANEL



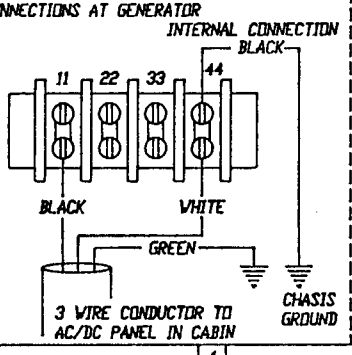




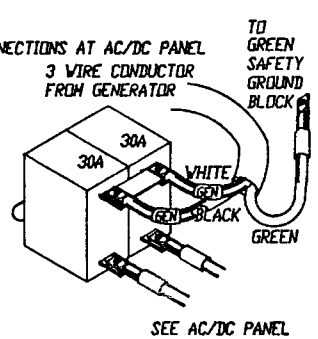
THE ENGINE MUST BE SET AT 50HZ-52HZ (1500 rpm - 1560 rpm)
SEE QUICKSILVER INSTALLATION MANUAL ADJUSTMENTS SECTION, AND ENGINE GOVERNOR ADJUSTMENT.

QUICKSILVER 220V 50HZ

• CONNECTIONS AT GENERATOR



• CONNECTIONS AT AC/DC PANEL



SEE AC/DC PANEL WIRING FOR FURTHER INFORMATION

TO START:
1. VENTILATE GENERATOR AREA BY TURNING ON GENERATOR BLOWERS FOR AT LEAST 5 MINUTES.
2. PUSH THE STOP/START TOGGLE SWITCH TO THE START POSITION AND HOLD FOR 5 TO 15 SECONDS. THIS WILL CRANK AND START THE ENGINE. DO NOT HOLD OVER 30 SECONDS.

1. PUSH THE STOP/START SWITCH TO THE STOP POSITION. (THIS WILL STOP THE ENGINE.)

LEGEND

CHASIS GROUND ⏚

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •
	3					FROM HIN # •	TO HIN # •
	2					FROM HIN # •	TO HIN # •
	1	CORRECTED MISLABELED AC CONNECTIONS	KKR	DE	9/10	FROM HIN # •	TO HIN # •
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •

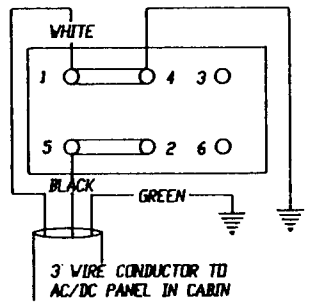
TITLE: F 36 PC/EX QUICKSILVER GENERATOR (AFT BILGE & AC/DC PANEL)

DR BY: KKR | CH BY:

DATE: 5-21-90 | NO.:360-004a

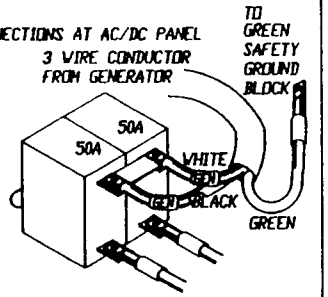
WESTERBEKE 120V 60HZ

•CONNECTIONS AT GENERATOR



3 WIRE CONDUCTOR TO AC/DC PANEL IN CABIN

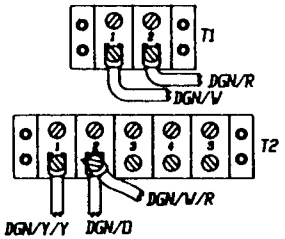
•CONNECTIONS AT AC/DC PANEL



SEE AC/DC PANEL WIRING FOR FURTHER INFORMATION

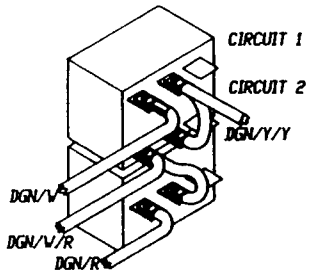
WESTERBEKE 12V DC

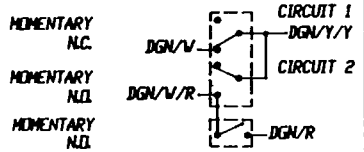
•CONNECTIONS AT GENERATOR



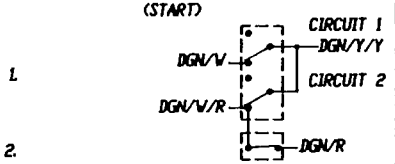
FOR GENERATOR'S INTERNAL CONNECTIONS SEE WESTERBEKE OPERATOR'S MANUAL DC CONTROL CIRCUIT WIRING DIAGRAM #35439, PG.1 of 2.

•CONNECTIONS AT AC/DC PANEL

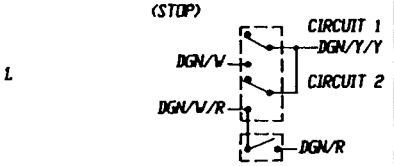


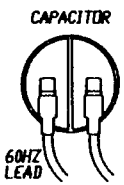


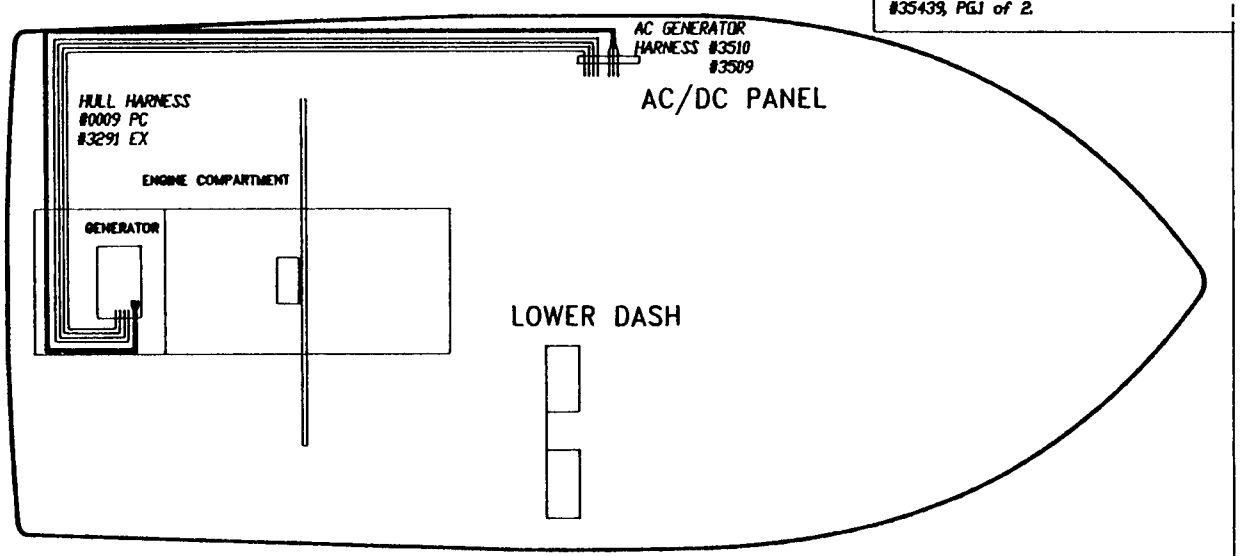
(START)

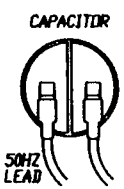


(STOP)



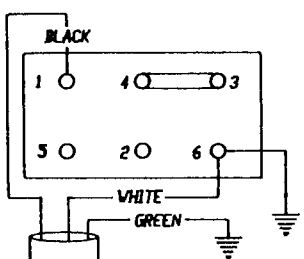






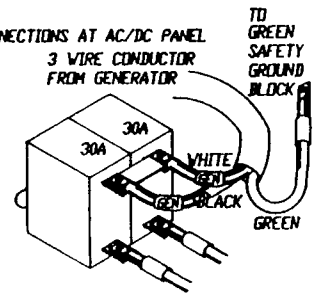
WESTERBEKE 220V 50HZ

•CONNECTIONS AT GENERATOR



3 WIRE CONDUCTOR TO AC/DC PANEL IN CABIN

•CONNECTIONS AT AC/DC PANEL



SEE AC/DC PANEL WIRING FOR FURTHER INFORMATION

TO START:

1. VENTILATE GENERATOR AREA BY TURNING ON GENERATOR BLOWERS FOR AT LEAST 5 MINUTES.
2. PUSH THE STOP/START TOGGLE SWITCH TO THE START POSITION AND HOLD FOR 5 TO 15 SECONDS. THIS PRIMES THE CARBURATOR BY HOLDING OPEN THE FUEL SOLENOID ON THE ENGINE. KEEP HOLDING IN THE START POSITION THEN.
3. PUSH THE ON SWITCH TO THE ON POSITION. WHEN THE GENERATOR STARTS RELEASE IT BUT, KEEP HOLDING THE START SWITCH A FEW SECONDS LONGER.(HOLDING THE START SWITCH CLOSED BYPASSES THE LOW PRESSURE SHUTDOWN CIRCUIT UNTIL THE PRESSURE RISES ENOUGH TO CLOSE THE CIRCUIT INTERNALLY AND MAINTAIN THE IGNITION CIRCUIT.)

TO STOP:

1. PUSH THE STOP/START SWITCH TO THE STOP POSITION. (THIS WILL OPEN THE CIRCUIT) RELEASE THE SWITCH.

LEGEND

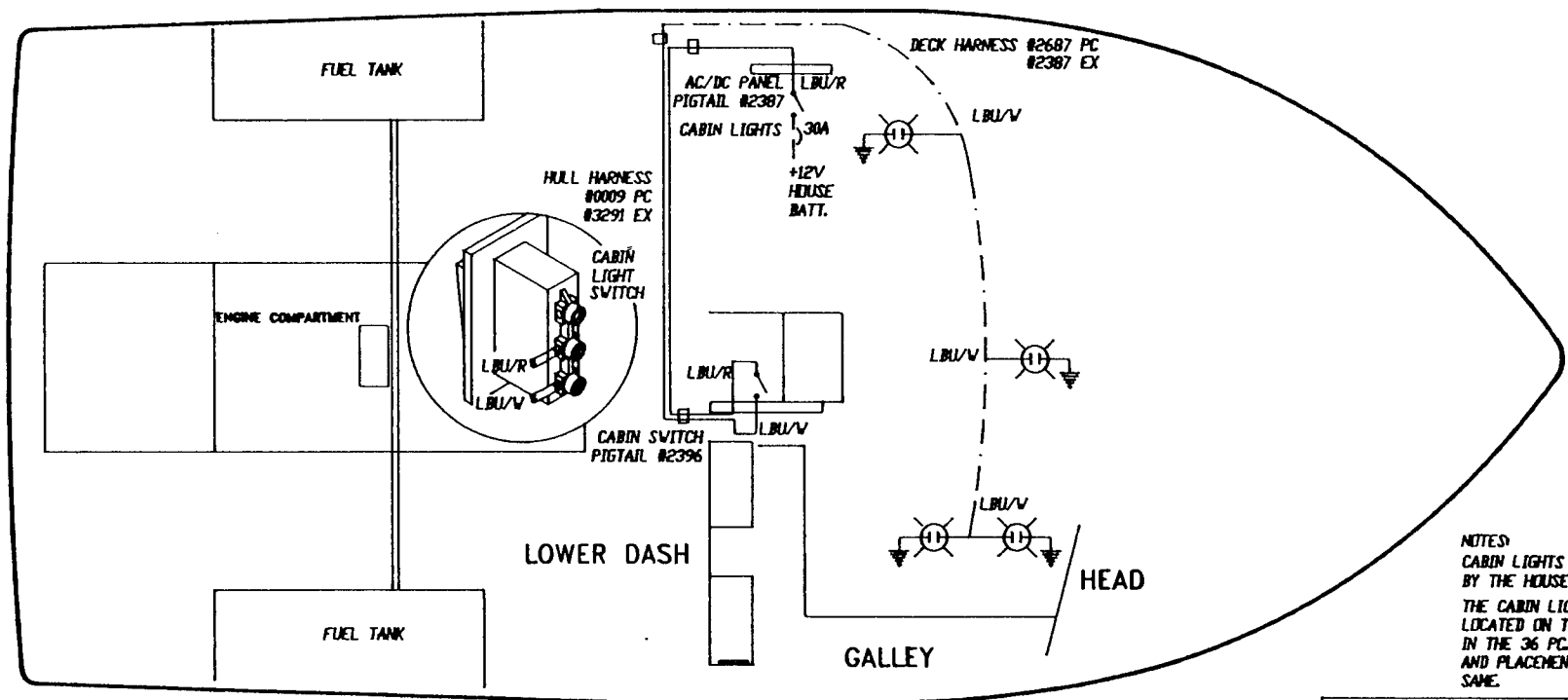
CHASIS GROUND ⏚

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •
	3					FROM HIN # •	TO HIN # •
	2					FROM HIN # •	TO HIN # •
	1					FROM HIN # •	TO HIN # •
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •

TITLE: F 36 PC/EX WESTERBEKE GENERATOR (AFT BILGE & AC/DC PANEL)

DR BY: KKR | CH BY: R.L.

DATE: 5-21-90 | NO.:360-004c



NOTES:
CABIN LIGHTS ARE POWERED BY THE HOUSE BATTERY

THE CABIN LIGHT SWITCH IS LOCATED ON THE AFT DINETTE IN THE 36 PC. ALL CONNECTIONS AND PLACEMENTS ARE THE SAME.

LEGEND

DECK HARNESS

CABIN LIGHT

BREAKER SWITCH

PLUG

GROUND

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

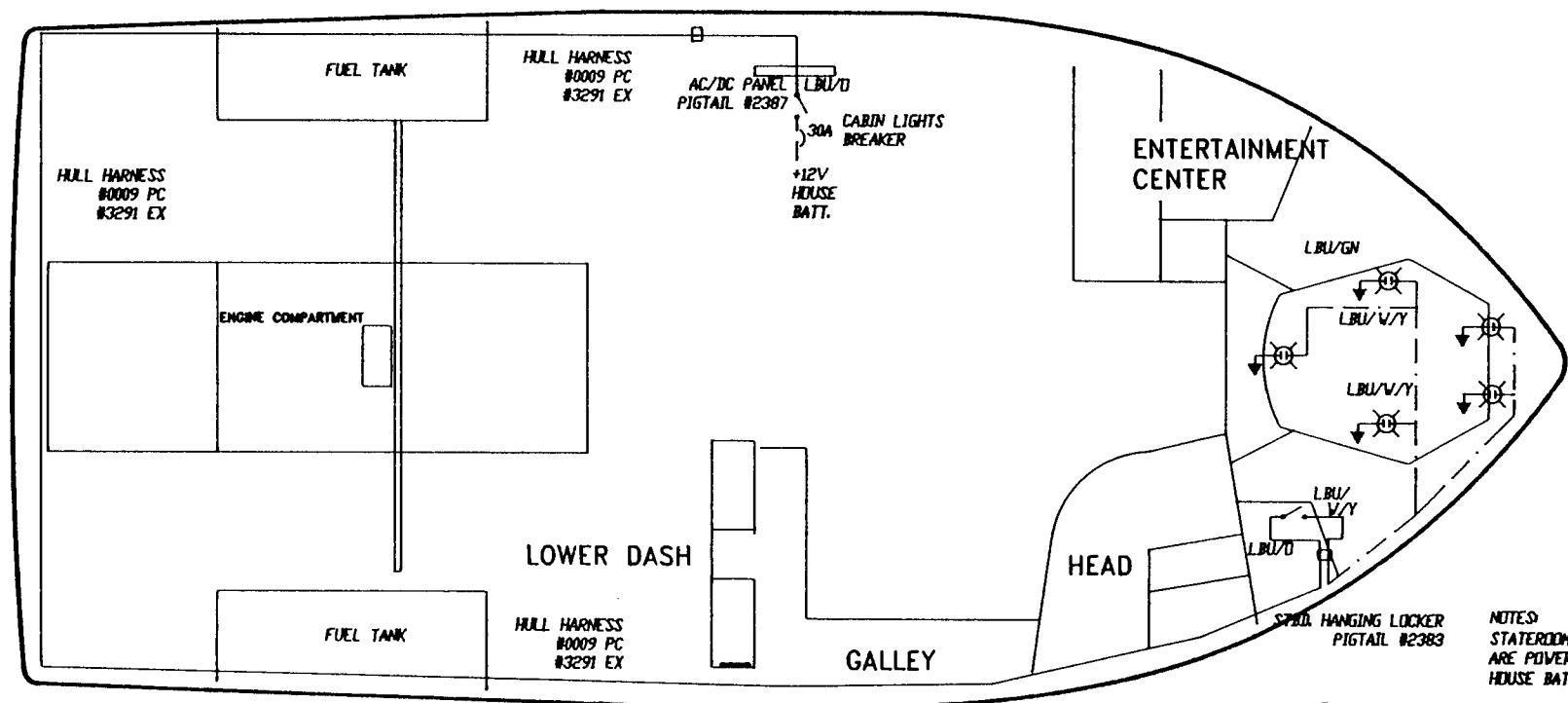
#	REVISIONS	DR	CH	DATE
4				
3				
2				
1				

FROM HIN # • TO HIN # •

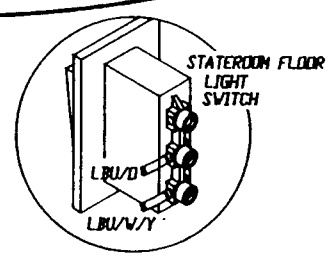
TITLE: F-36 EX/PC
CABIN LIGHTS
HEADLINER & MIDSHIP TROUGH

DR BY: KKR CH BY: RS

DATE: 5-21-90 NO.: 360-010a



NOTES:
STATEROOM CABIN LIGHTS ARE POWERED BY THE HOUSE BATTERY.



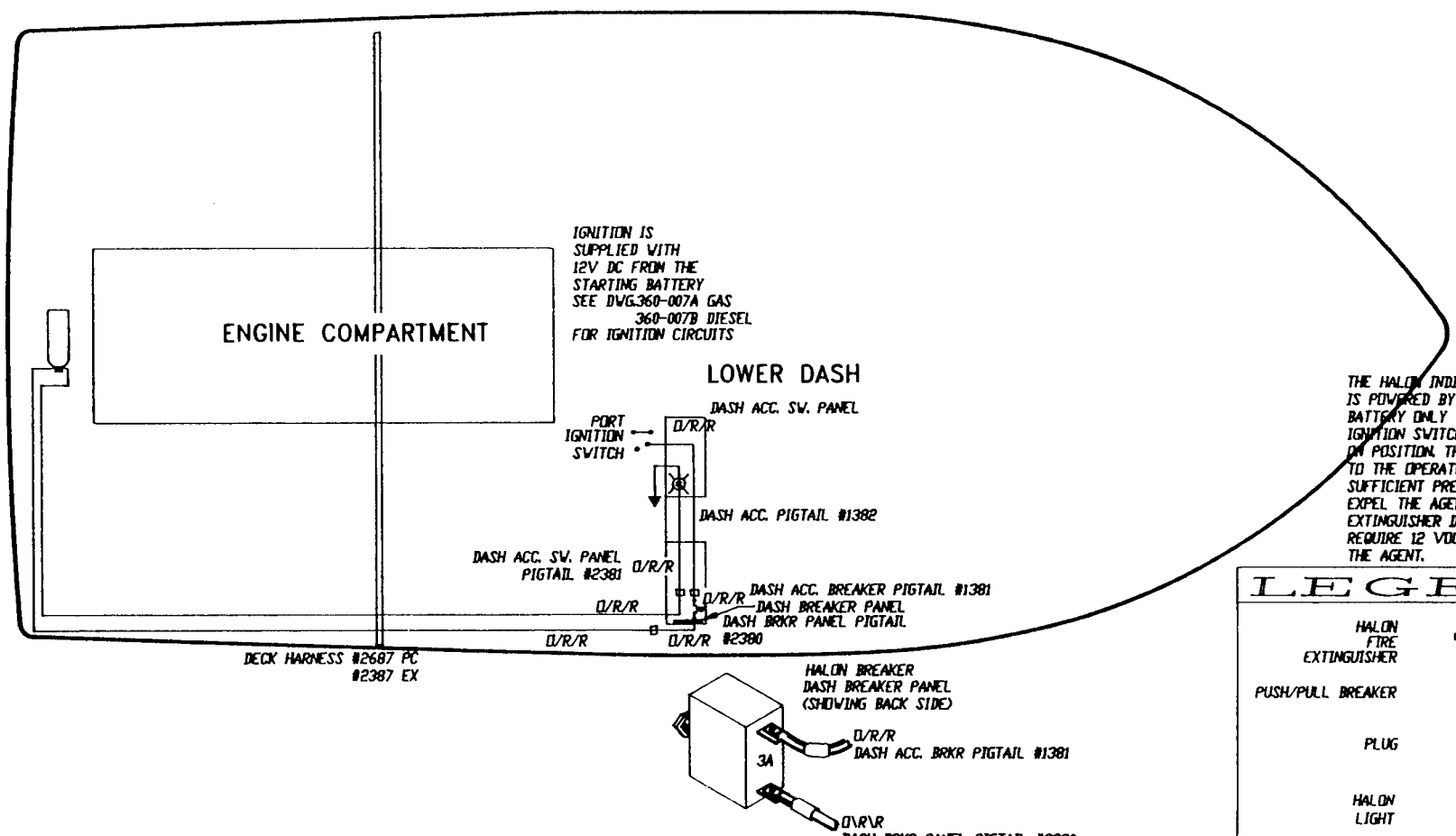
LEGEND

- DECK HARNESS
- STATEROOM CABIN LIGHT
- BREAKER SWITCH
- SWITCH
- SPLICE
- PLUG
- GROUND

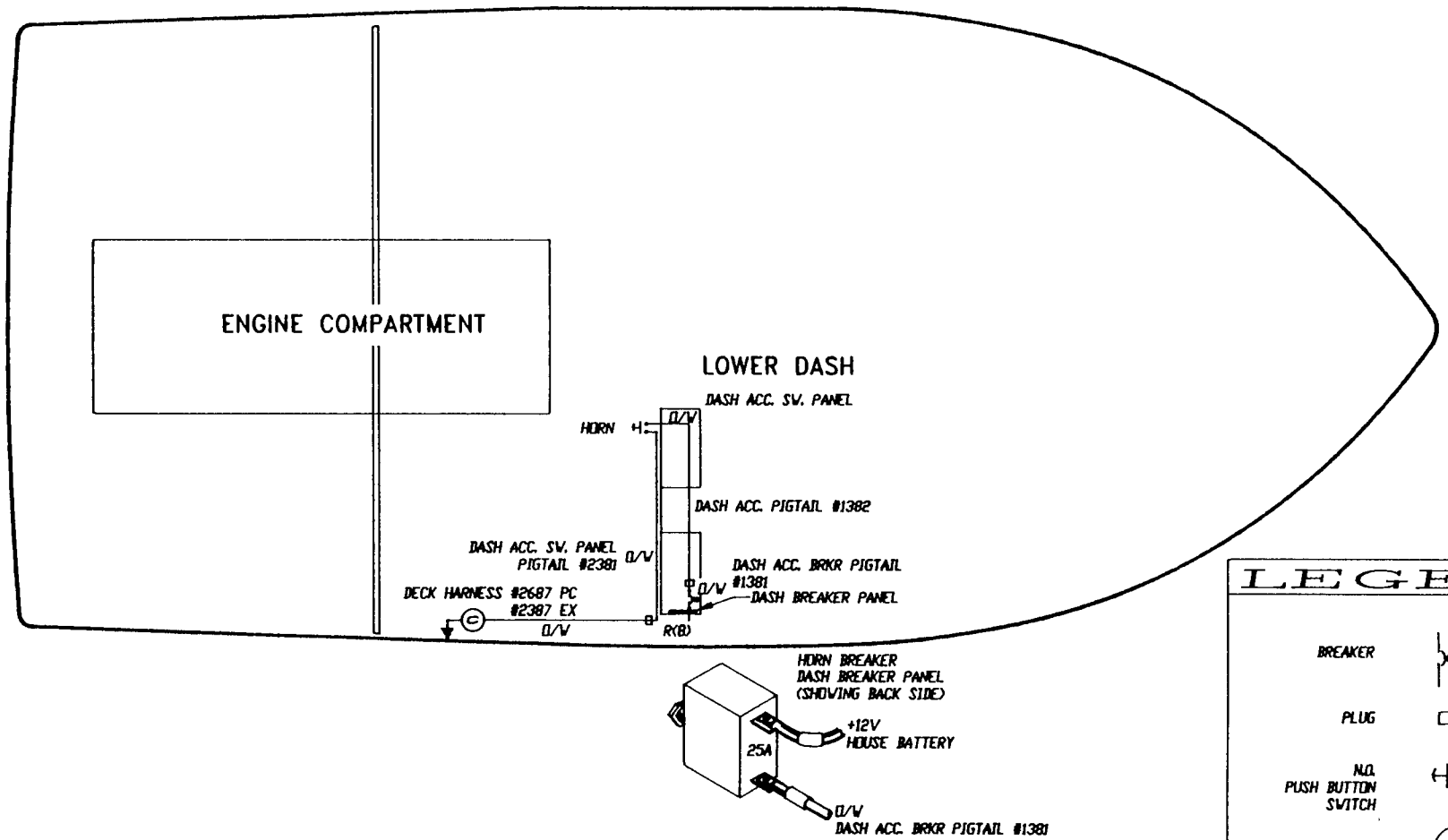
THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #
4					FROM HIN #	TO HIN #
3					FROM HIN #	TO HIN #
2					FROM HIN #	TO HIN #
1					FROM HIN #	TO HIN #
#					FROM HIN #	TO HIN #

TITLE: F-36 EX/PC
STATEROOM CABIN LIGHTS
(BILGE / BEHIND HANGING LOCKER)
DR BY: KKR
CH BY: RE
DATE: 5-21-90
NO.: 360-010J2



THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: F-36PC/EX HALON FIRE EXTINGUISHER (BILGE & LOWER DASH)
P.O. BOX 501	3					FROM HIN #	TO HIN #	
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	
(219) 724-9111	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: RE
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 5-15-90 / NO.: 360-005



LEGEND

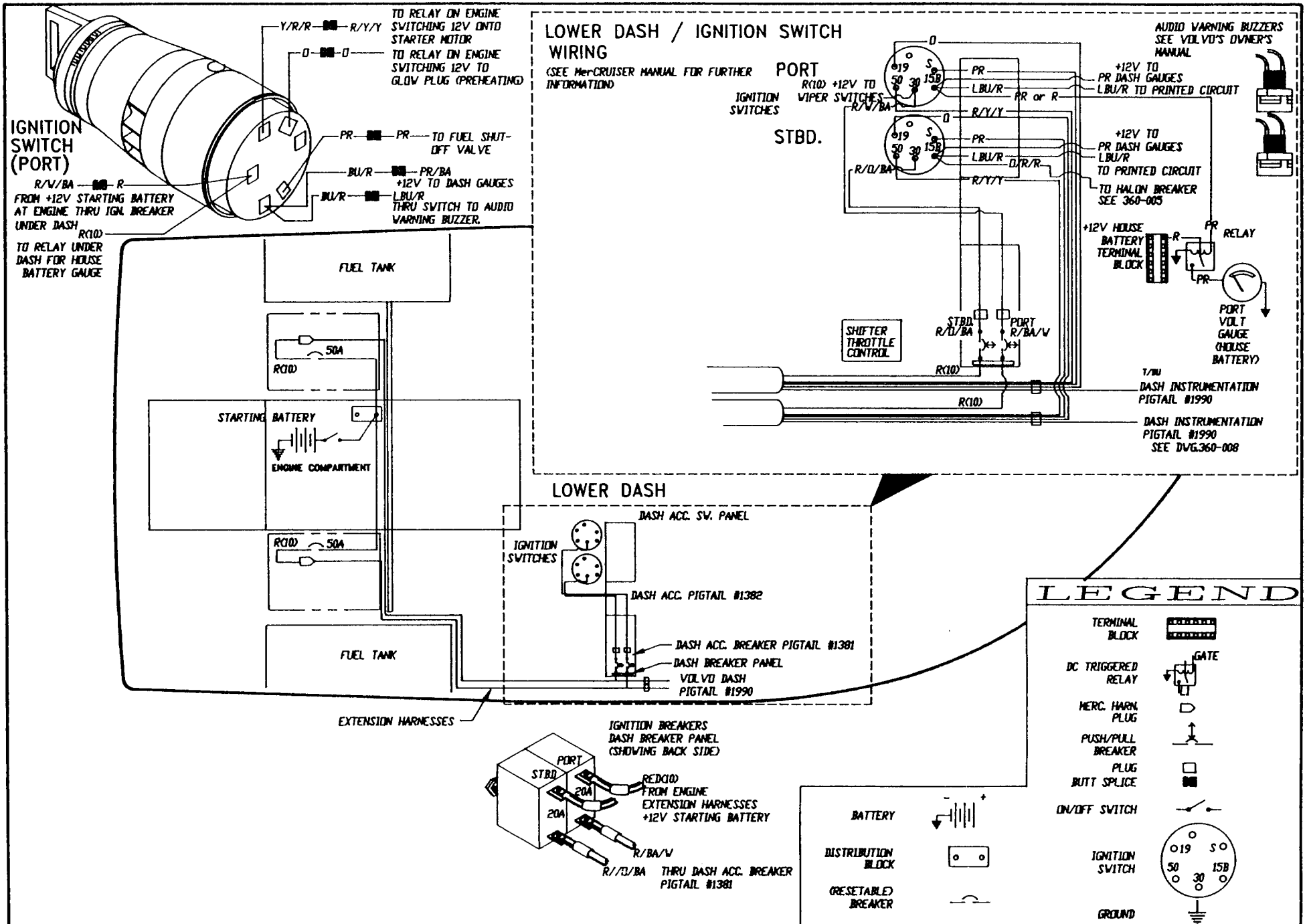
- BREAKER
- PLUG
- N.O. PUSH BUTTON SWITCH
- AIR COMPRESSOR
- GROUND

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #
	3					FROM HIN #	TO HIN #
	2					FROM HIN #	TO HIN #
	1					FROM HIN #	TO HIN #
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #

TITLE: F-36PC/EX
HORN COMPRESSOR
(AFT OF SHIFTER PAN)

DR BY: KKR | CH BY: RE

DATE: 5-16-90 | NO.: 360-006



THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #
	3					FROM HIN #	TO HIN #
	2					FROM HIN #	TO HIN #
	1					FROM HIN #	TO HIN #
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #

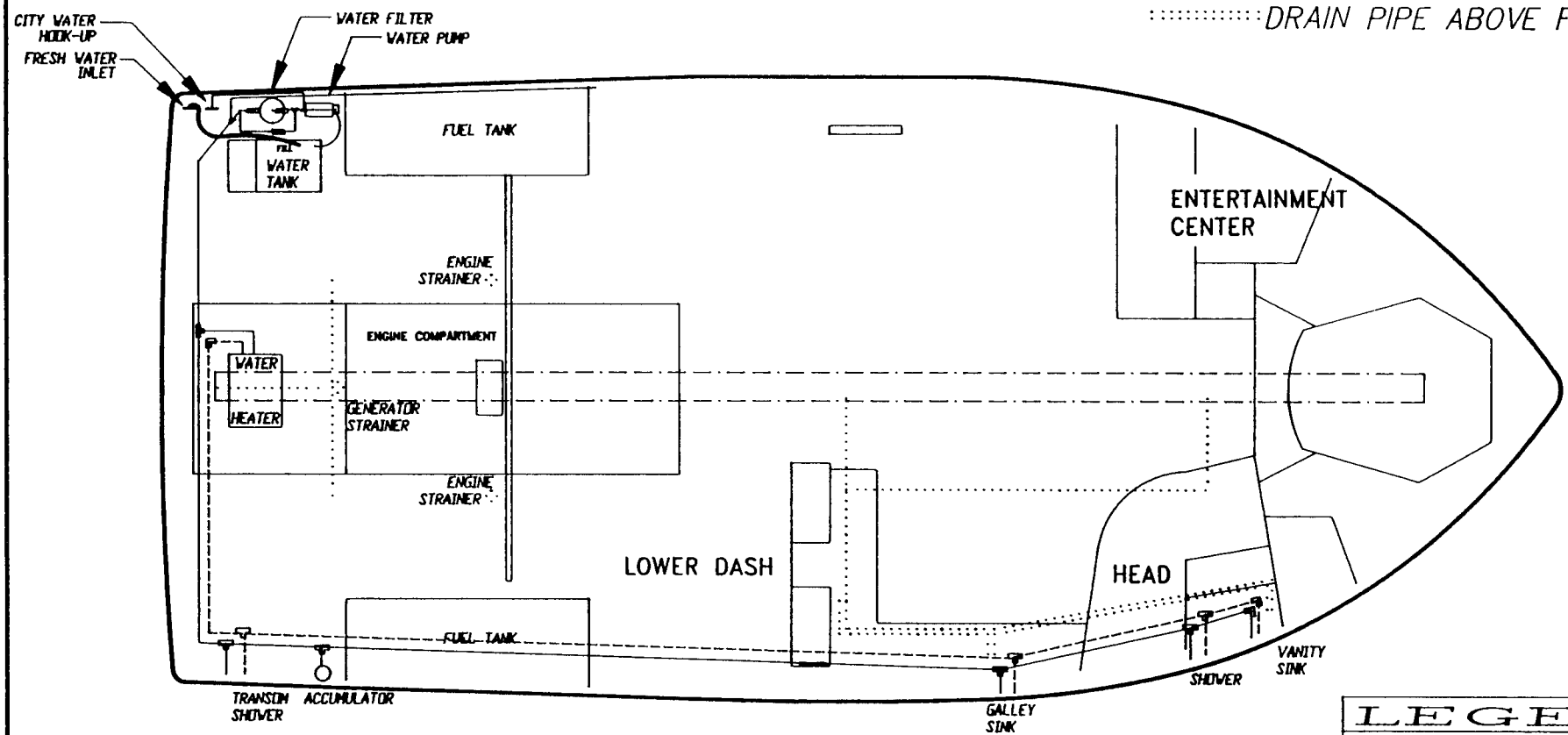
TITLE: F-36PC/EX IGNITION DIESEL ENGINE(VOLVO) (DASH AREA)

DR BY: KKR | CH BY: RE

DATE: 5-17-90 | NO.:360-007b

AND DETAIL OF THE BYPASS SYSTEM IS FOUND ON DRAWING 360-221

COLD WATER LINE
HOT WATER LINE
DRAINAGE TROUGH
DRAIN PIPE UNDER FLOOR
DRAIN PIPE ABOVE FLOOR



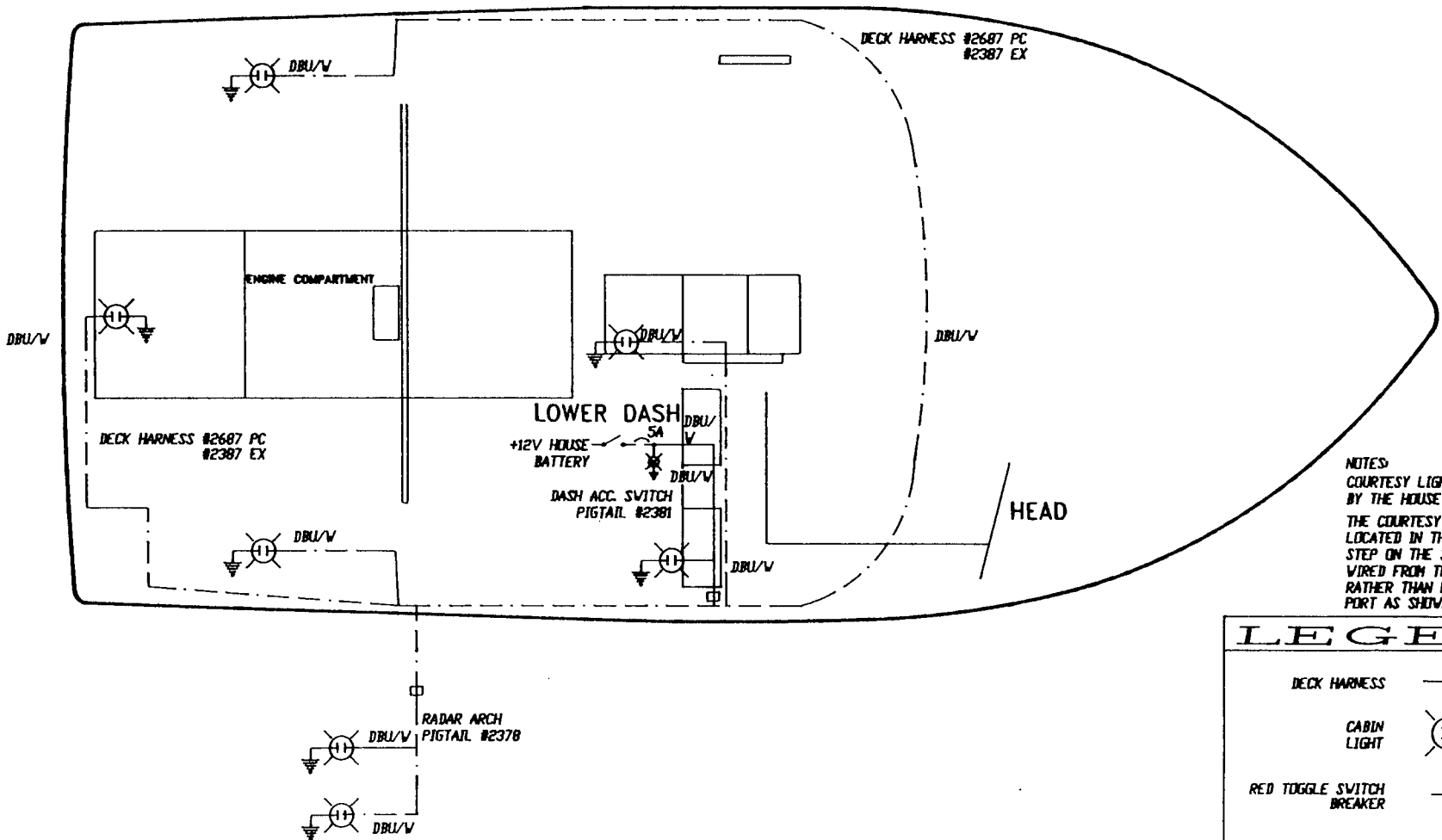
LEGEND

T-JOINT

ELBOW

ON/OFF VALVE

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #	TITLE: PLUMBING & DRAINAGE	
	3					FROM HIN #	TO HIN #		
	2					FROM HIN #	TO HIN #		
	1					FROM HIN #	TO HIN #	DR BY: KKR	CH BY: RG
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 6-19-90	NO.: 360-120



NOTES:
COURTESY LIGHTS ARE POWERED BY THE HOUSE BATTERY

THE COURTESY LIGHT LOCATED IN THE CABIN STEP ON THE 36PC IS WIRED FROM THE STBD. RATHER THAN FROM THE PORT AS SHOWN HERE.

LEGEND

DECK HARNESS

CABIN LIGHT

RED TOGGLE SWITCH BREAKER

PLUG

GROUND

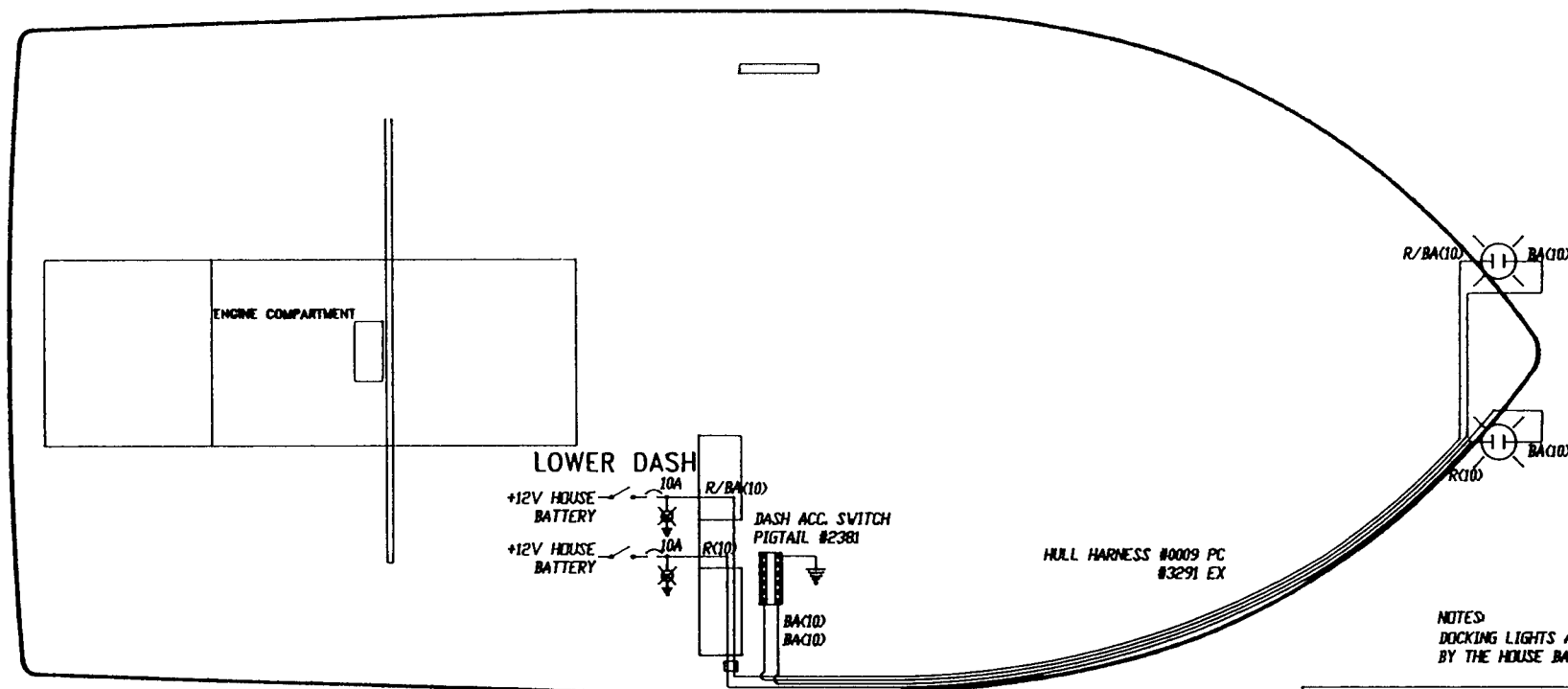
THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE
4				
3				
2				
1				

FROM HIN # •
TO HIN # •

TITLE: F 36 PC/EX COURTESY LIGHTS

DR BY: KKR
CH BY:
DATE: 5-21-90
NO.: 360-0106



NOTES:
DOCKING LIGHTS ARE POWERED BY THE HOUSE BATTERY

LEGEND

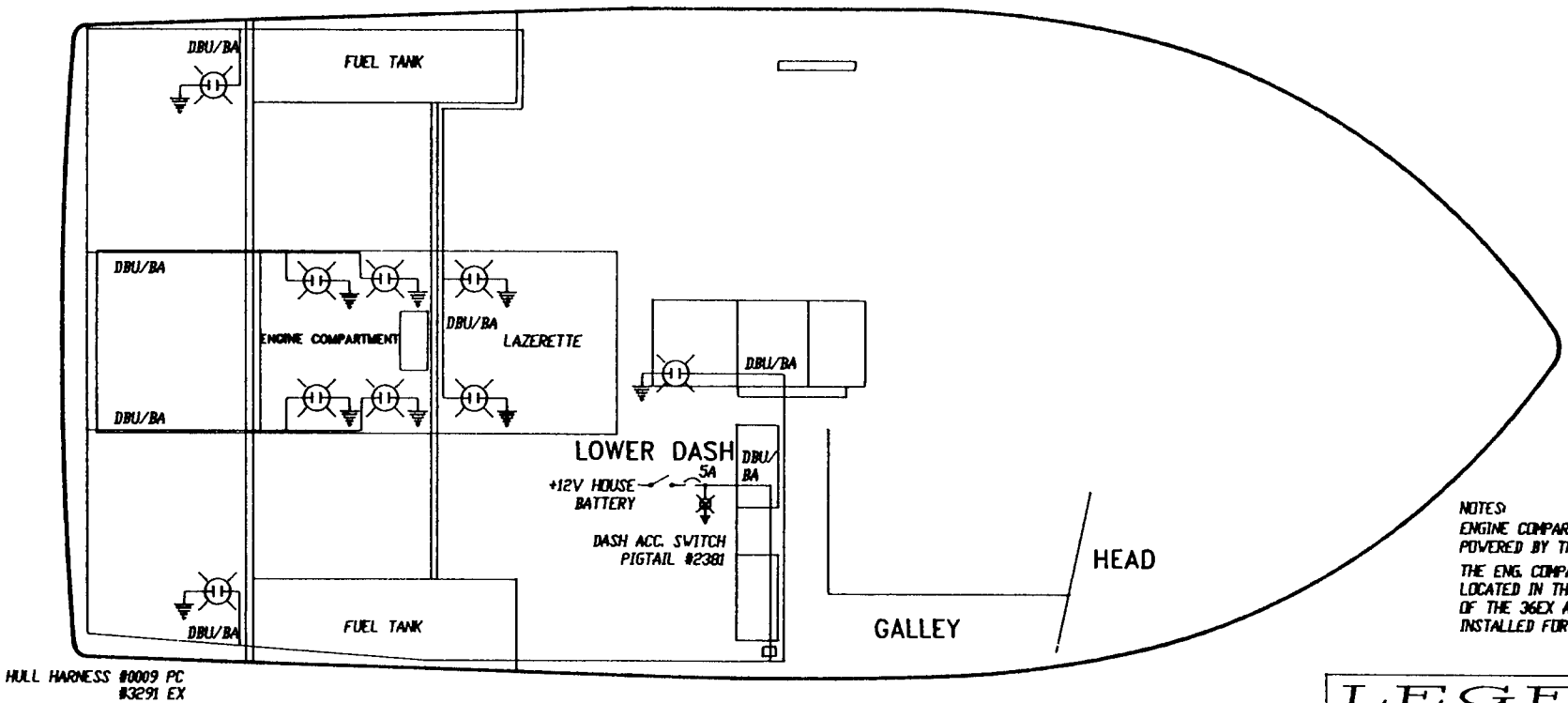
CABIN LIGHT

RED TOGGLE SWITCH BREAKER

PLUG

GROUND

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •	TITLE: F 36 PC/EX DOCKING LIGHTS
	3					FROM HIN # •	TO HIN # •	
	2					FROM HIN # •	TO HIN # •	
	1					FROM HIN # •	TO HIN # •	DR BY: KKR / CH BY: RZ
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •	DATE: 5-21-90 / NO.: 360-010c



NOTES:
ENGINE COMPARTMENT LIGHTS ARE POWERED BY THE HOUSE BATTERY.
THE ENG. COMPARTMENT LIGHTS LOCATED IN THE LAZERETTE OF THE 36EX ARE NOT INSTALLED FOR THE 36PC.

LEGEND

ENGINE COMP. LIGHT

RED TOGGLE SWITCH BREAKER

PLUG

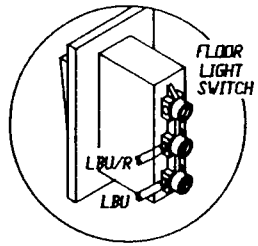
GROUND

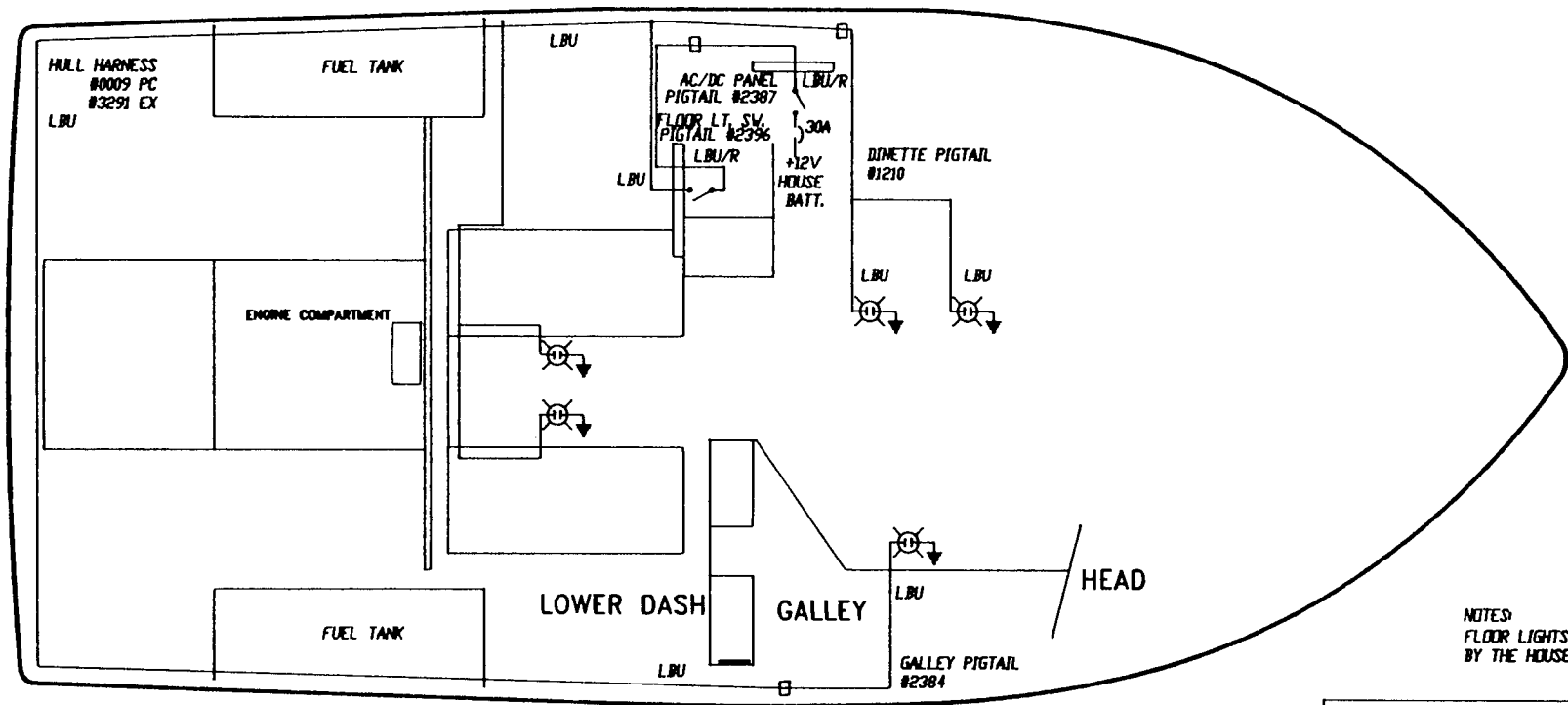
THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE
4				
3				
2				
1				

FROM HIN # • TO HIN # •
FROM HIN # • TO HIN # •
FROM HIN # • TO HIN # •
FROM HIN # • TO HIN # •
FROM HIN # • TO HIN # •

TITLE: F 36 PC/EX ENGINE COMPARTMENT LIGHTS (ENGINE COMPARTMENT)
DR BY: KKR CH BY: RC
DATE: 5-21-90 NO.: 360-010d



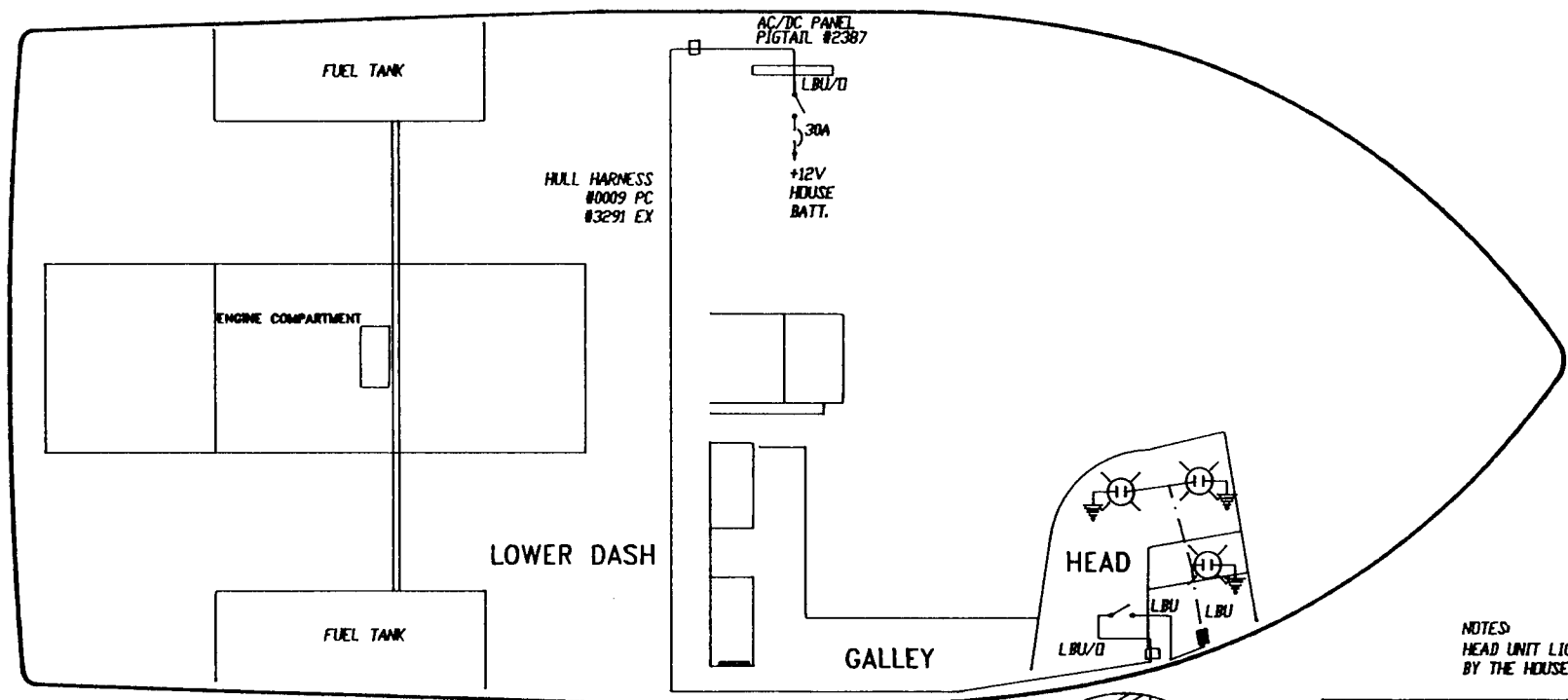


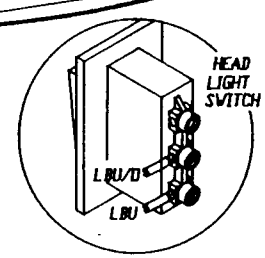
NOTES:
FLOOR LIGHTS ARE POWERED BY THE HOUSE BATTERY

LEGEND

DECK HARNESS	— — · —
FLOOR LIGHT	⊜
BREAKER SWITCH	⌐•⌐
PLUG	□
GROUND	⏚

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •	TITLE: F-36 PC FLOOR LIGHTS (BEHIND CABIN CARPET / BILGE)
	3					FROM HIN # •	TO HIN # •	
	2					FROM HIN # •	TO HIN # •	
	1					FROM HIN # •	TO HIN # •	DR BY: KKR / CH BY: RE
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •	DATE: 5-21-90 / NO.: 360-010e



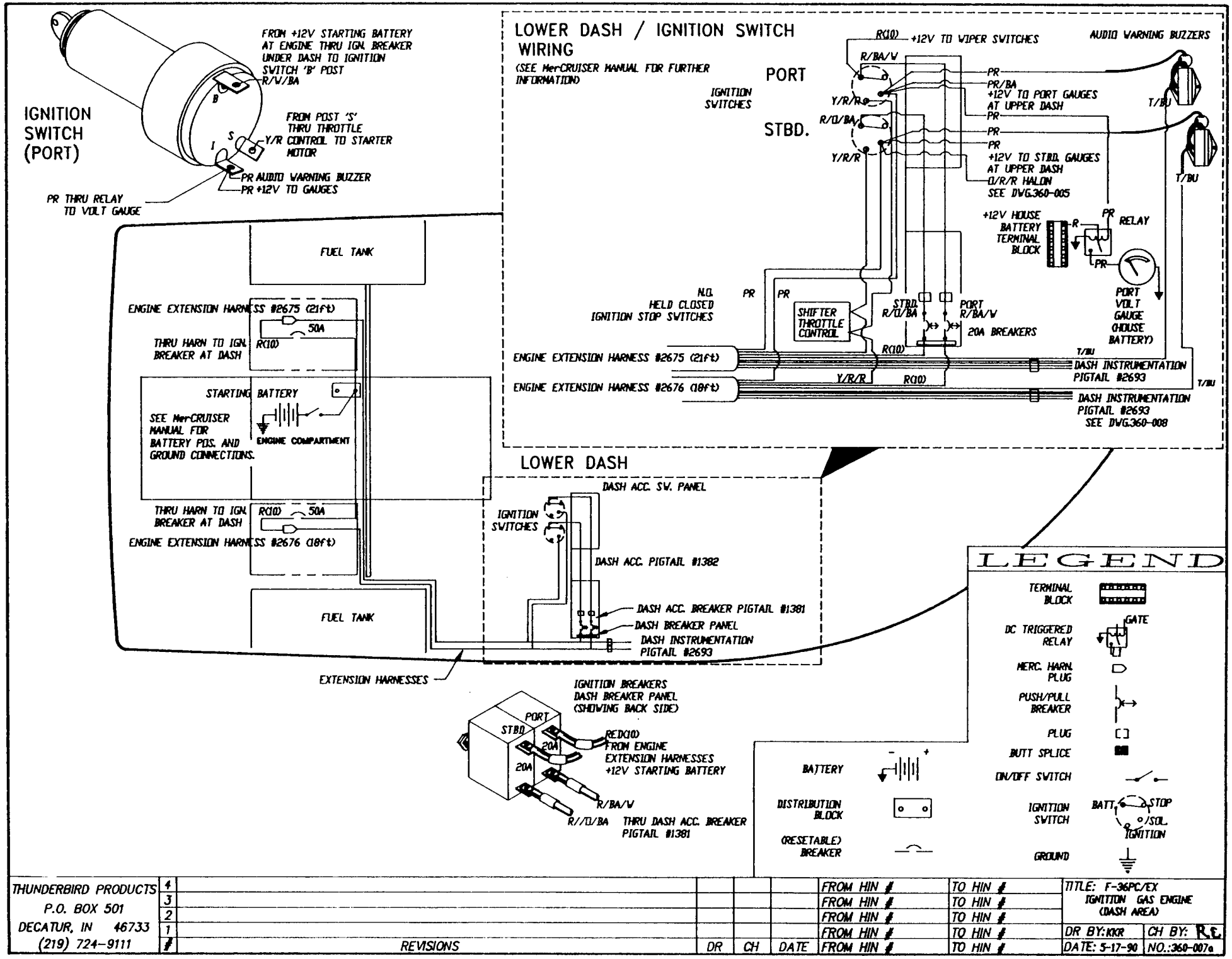


NOTES:
HEAD UNIT LIGHTS ARE POWERED BY THE HOUSE BATTERY

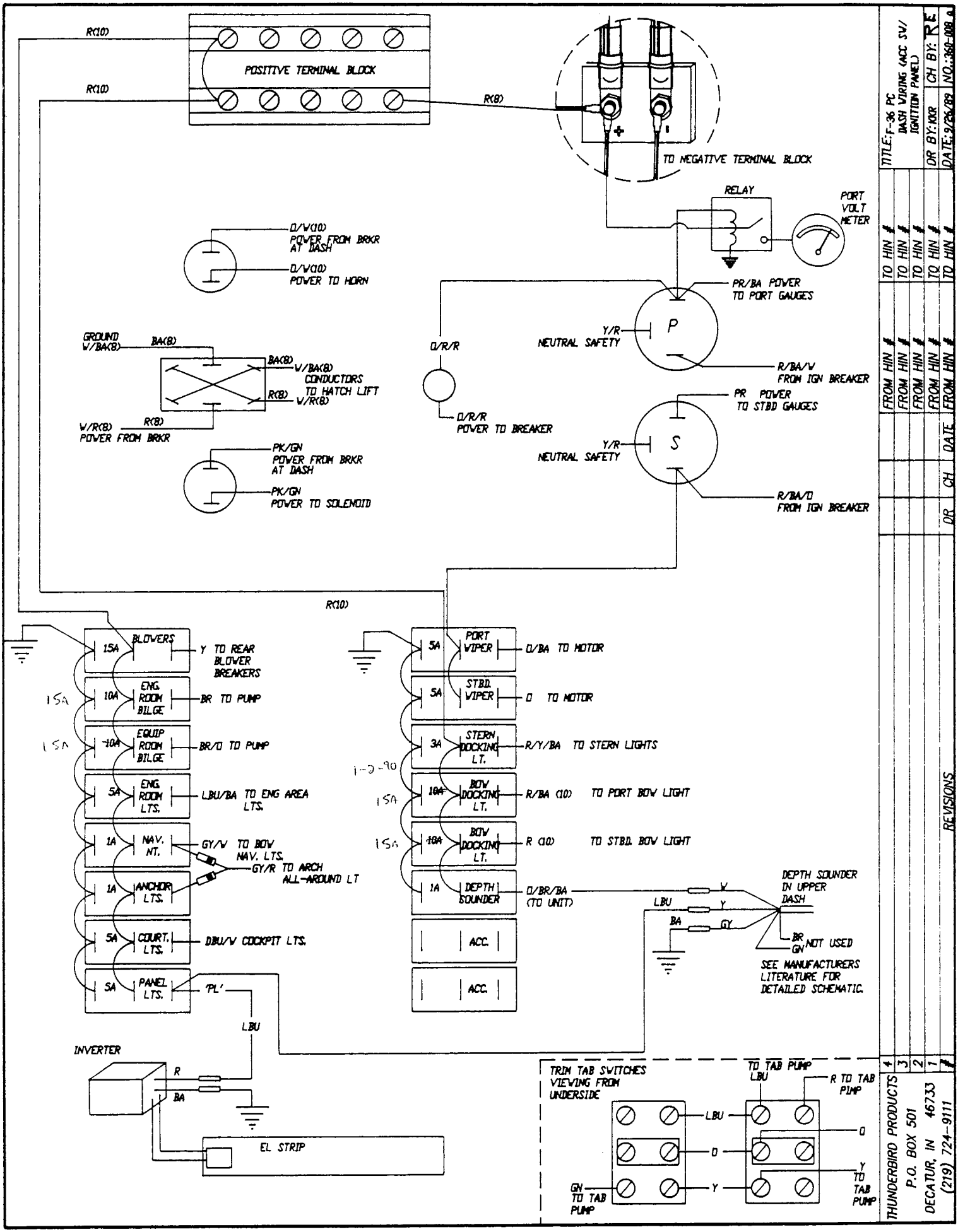
LEGEND

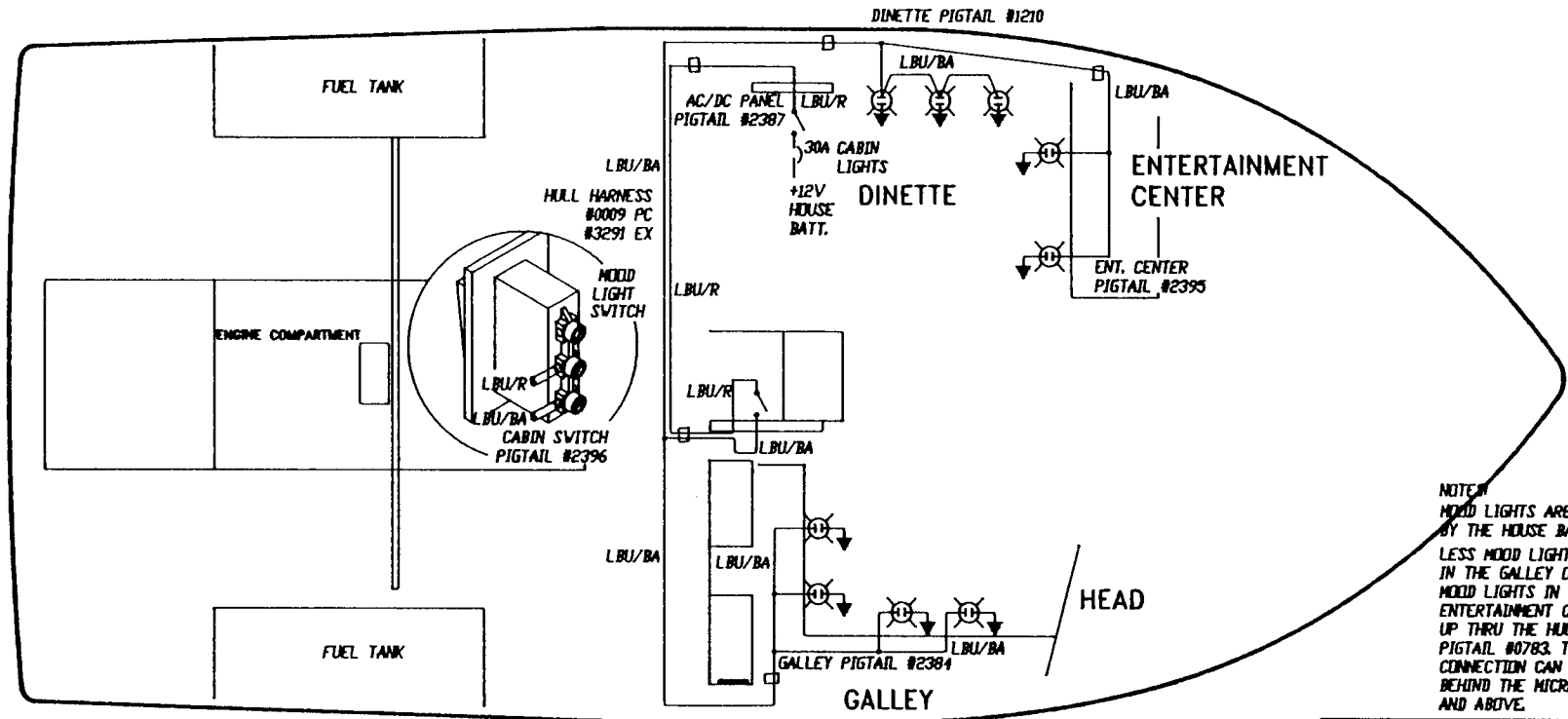
- DECK HARNESS
- CABIN LIGHT
- BREAKER SWITCH
- SPLICE
- PLUG
- GROUND

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4 3 2 1					FROM HIN # • FROM HIN # • FROM HIN # • FROM HIN # •	TO HIN # • TO HIN # • TO HIN # • TO HIN # •	TITLE: F-36 EX/PC HEAD ROOM LIGHTS (UNDER VANITY / CABIN TROUGH)	
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •	DR BY: KKR	CH BY: RF
								DATE: 5-21-90	NO.: 360-010F



THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: F-36PC/EX IGNITION GAS ENGINE (DASH AREA)
P.O. BOX 501	3					FROM HIN #	TO HIN #	
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	
(219) 724-9111	1					FROM HIN #	TO HIN #	DR BY: KKR CH BY: RL
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 5-17-90 NO.: 360-007a


R(10)
R(10)
POSITIVE TERMINAL BLOCK
R(8)
TO NEGATIVE TERMINAL BLOCK
RELAY
PORT VOLT METER
O/W(10) POWER FROM BRKR AT DASH
O/W(10) POWER TO HORN
PR/BA POWER TO PORT GAUGES
Y/R NEUTRAL SAFETY
P
R/BA/W FROM IGN BREAKER
O/R/R
O/R/R POWER TO BREAKER
GROUND W/BA(8)
BA(8)
BA(8) W/BA(8) CONDUCTORS TO HATCH LIFT
R(8) W/R(8)
W/R(8) POWER FROM BRKR
R(8)
PK/GN POWER FROM BRKR AT DASH
PK/GN POWER TO SOLENOID
PR POWER TO STBD GAUGES
Y/R NEUTRAL SAFETY
S
R/BA/O FROM IGN BREAKER
R(10)
15A BLOWERS
Y TO REAR BLOWER BREAKERS
10A ENG. ROOM BILGE
BR TO PUMP
10A EQUIP ROOM BILGE
BR/O TO PUMP
5A ENG. ROOM LTS.
LBU/BA TO ENG AREA LTS.
1A NAV. NT.
GY/W TO BOW NAV. LTS.
GY/R TO ARCH ALL-AROUND LT
1A ANCHOR LTS.
5A COURT. LTS.
DBU/W COCKPIT LTS.
5A PANEL LTS.
'PL'
LBU
5A PORT WIPER
O/BA TO MOTOR
5A STBD. WIPER
O TO MOTOR
3A STERN DOCKING LT.
R/Y/BA TO STERN LIGHTS
10A BOW DOCKING LT.
R/BA (10) TO PORT BOW LIGHT
10A BOW DOCKING LT.
R (10) TO STBD. BOW LIGHT
1A DEPTH SOUNDER
O/BR/BA (TO UNIT)
ACC.
ACC.
W
LBU
Y
BA
GY
BR
GN
NOT USED
DEPTH SOUNDER IN UPPER DASH
SEE MANUFACTURERS LITERATURE FOR DETAILED SCHEMATIC.
INVERTER
R
BA
EL STRIP
TRIM TAB SWITCHES VIEWING FROM UNDERSIDE
TO TAB PUMP
LBU
R TO TAB PUMP
LBU
O
O
Y
GN TO TAB PUMP
Y
TO TAB PUMP
TITLE: F-36 PC DASH WIRING (ACC SW/ IGNITION PANEL)
DR BY: KKR
CH BY: RE
DATE: 9/26/89
NO.: 360-008
TO HIN #
FROM HIN #
DR
CH
DATE
REVISIONS
THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111



NOTE:
MOOD LIGHTS ARE POWERED BY THE HOUSE BATTERY

LESS MOOD LIGHTS ARE FOUND IN THE GALLEY OF A 36PC. MOOD LIGHTS IN THE PC ENTERTAINMENT CENTER COME UP THRU THE HULL HARNESS INTO PIGTAIL #0783. THE PLUG FOR THIS CONNECTION CAN BE FOUND BEHIND THE MICROWAVE BACK WALL AND ABOVE.

LEGEND

CABIN LIGHT

BREAKER SWITCH

PLUG

GROUND

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

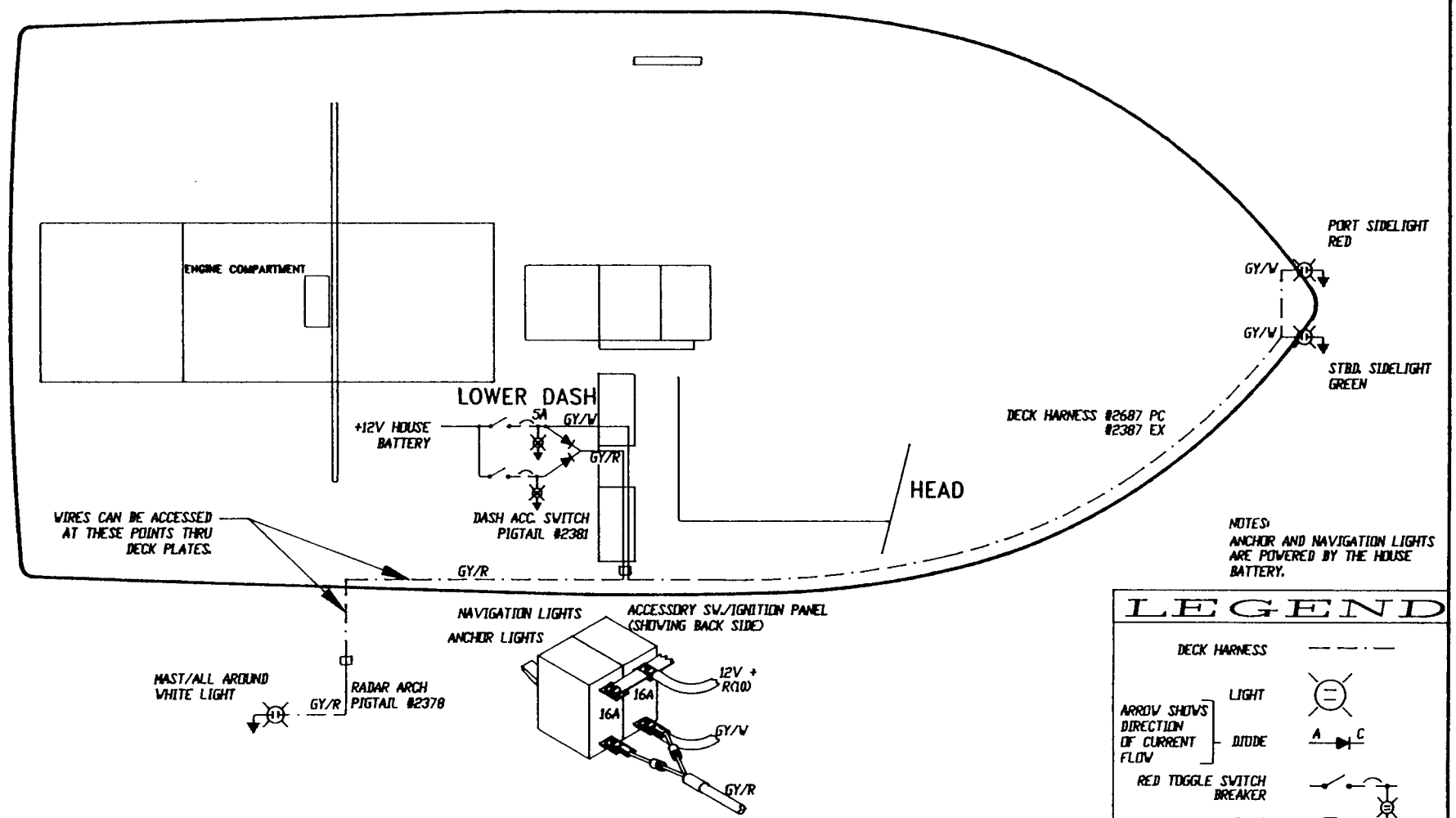
#	REVISIONS	DR	CH	DATE
4				
3				
2				
1				

FROM HIN # • TO HIN # •

TITLE: F-36 EX/PC MOOD LIGHTS (AC/DC PANEL & BEHIND MICRO)

DR BY: KKR CH BY:

DATE: 5-21-90 NO.: 360-010a



NOTES:
ANCHOR AND NAVIGATION LIGHTS ARE POWERED BY THE HOUSE BATTERY.

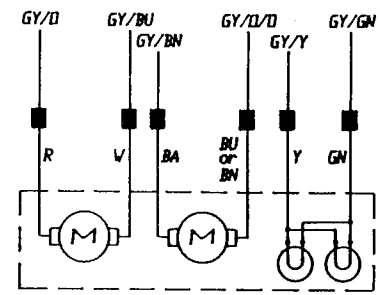
LEGEND

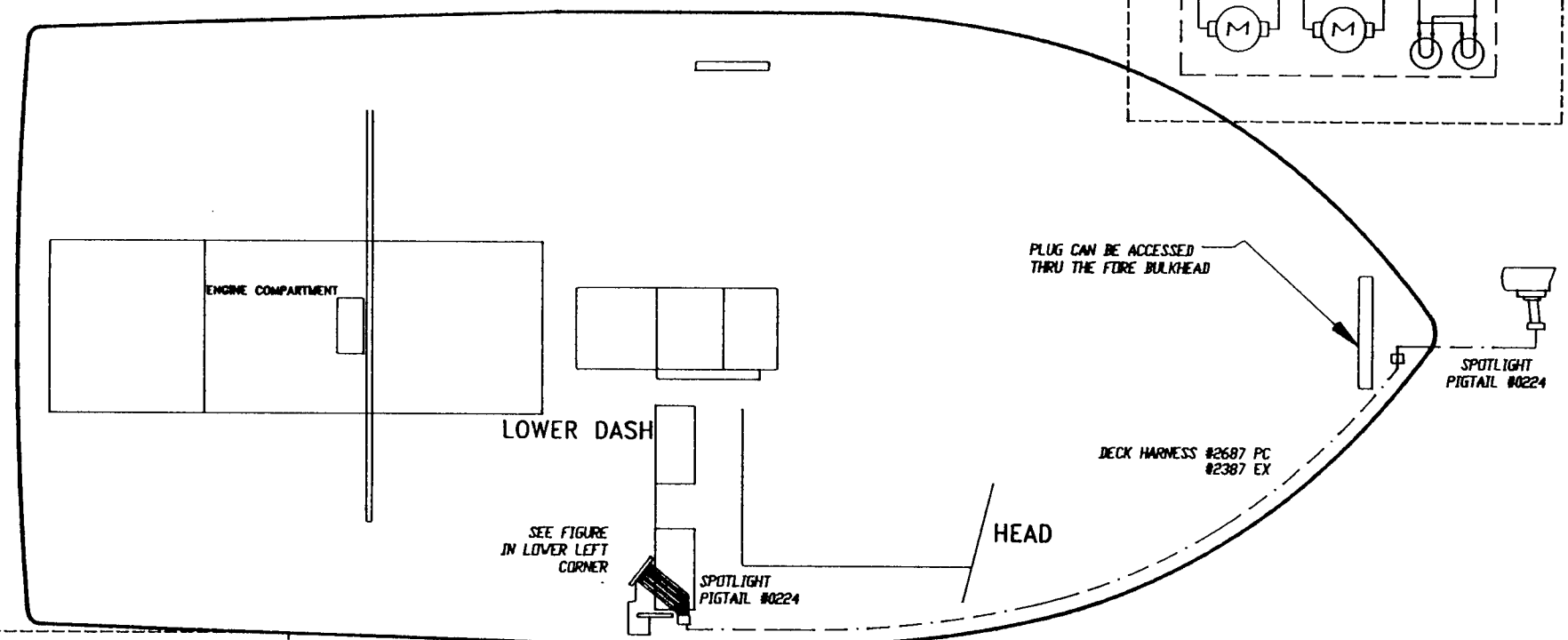
- DECK HARNESS
- LIGHT
- DIODE (ARROW SHOWS DIRECTION OF CURRENT FLOW) — A, C
- RED TOGGLE SWITCH BREAKER
- PLUG
- GROUND

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •	TITLE: F 36 PC/EX NAVIGATION LIGHTS
	3					FROM HIN # •	TO HIN # •	
	2					FROM HIN # •	TO HIN # •	
	1					FROM HIN # •	TO HIN # •	DR BY: KKR / CH BY: RC
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •	DATE: 5-21-90 / NO.: 360-010h

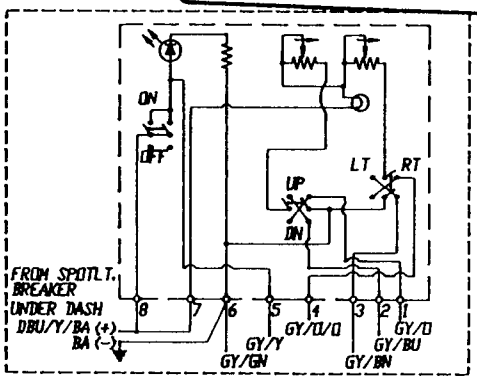
WIRE CONNECTIONS AT SPOTLIGHT

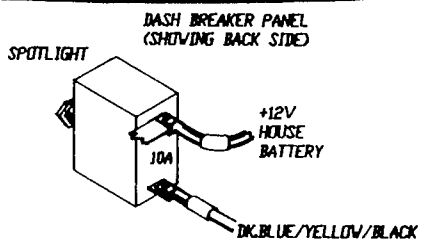
PIGTAIL #0224





SPOTLIGHT CONTROL PANEL AT DASH





NOTES:
SPOTLIGHT POWERED BY HOUSE BATTERY.

LEGEND

DECK HARNESS OR RUN IN DECK	— — —
SPLICE	■
PLUG	□
GROUND	⏚

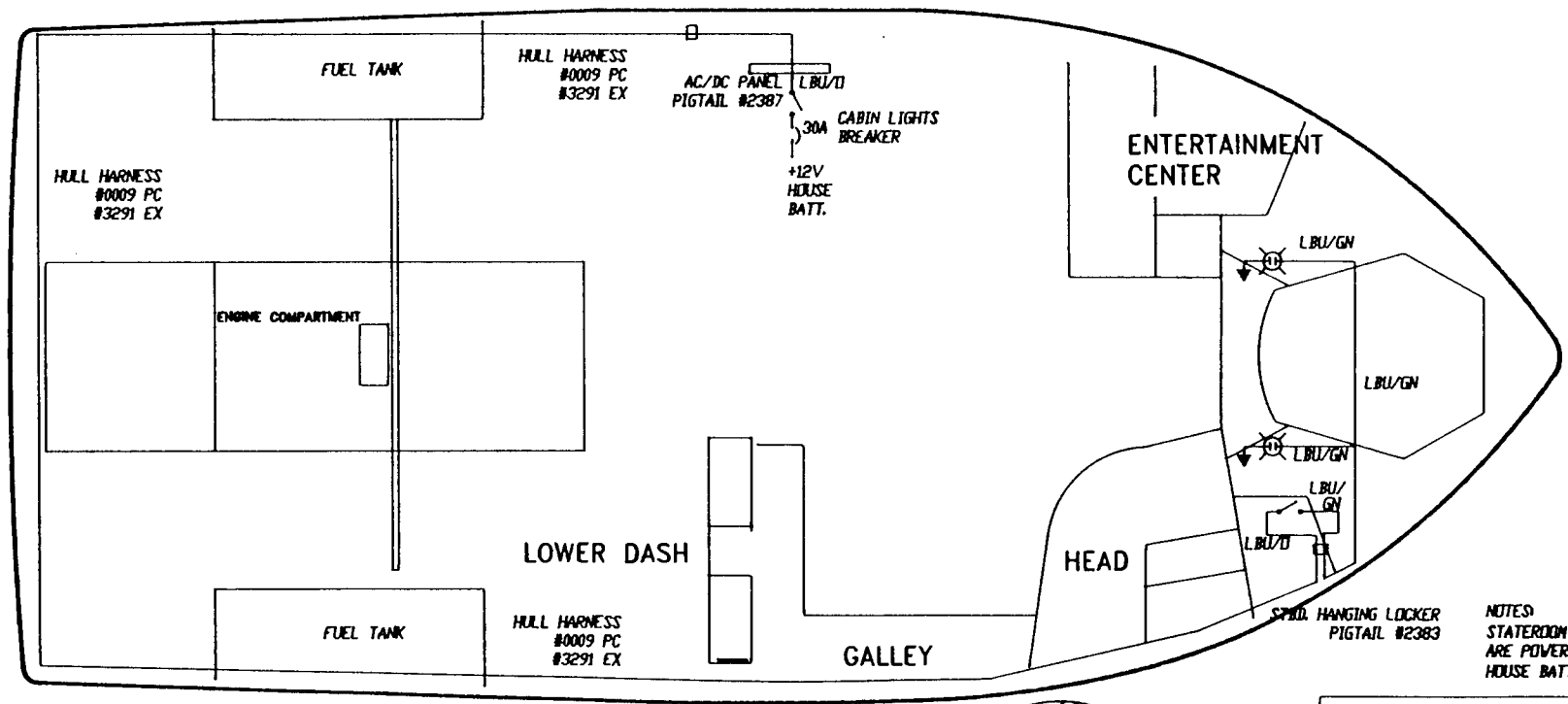
THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #
4					FROM HIN #	TO HIN #
3					FROM HIN #	TO HIN #
2					FROM HIN #	TO HIN #
1					FROM HIN #	TO HIN #

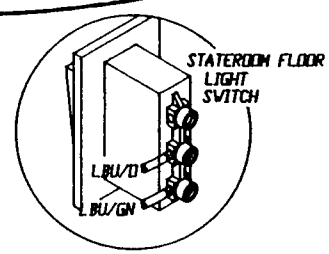
TITLE: F 36 PC/EX SPOTLIGHT

DR BY: KKR CH BY: RC

DATE: 5-21-90 NO.: 360-0108



NOTES:
STATEROOM FLOOR LIGHTS ARE POWERED BY THE HOUSE BATTERY.



LEGEND

- STATEROOM FLOOR LIGHT
- BREAKER SWITCH
- SWITCH
- PLUG
- GROUND

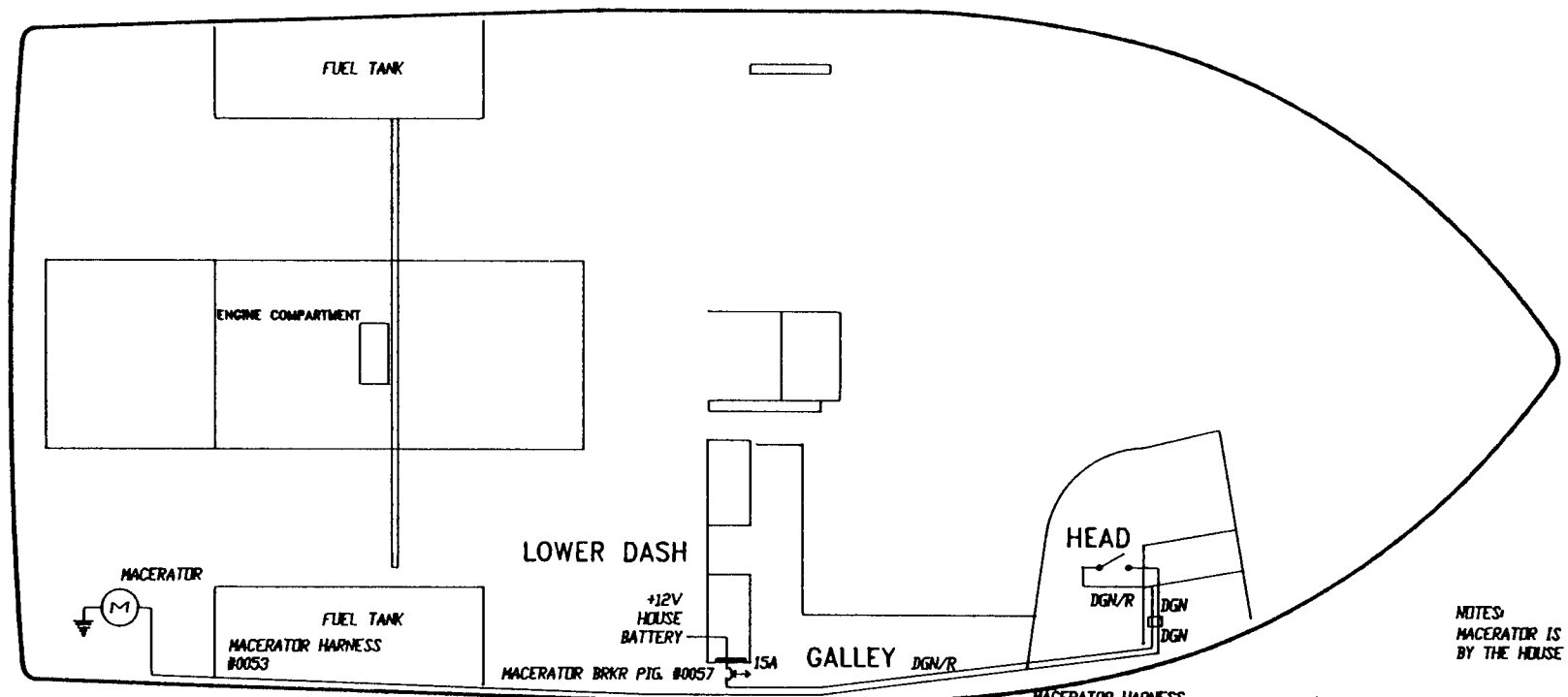
THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE
4				
3				
2				
1				

FROM HIN # •
TO HIN # •

TITLE: F-36 EX/PC
STATEROOM FLOOR LIGHTS
(BULGE / BEHIND HANGING LOCKER)

DR BY: KKR
CH BY:
DATE: 5-21-90
NO.: 360-010[1]



NOTES:
MACERATOR IS POWERED BY THE HOUSE BATTERY

LEGEND

- ON/OFF SWITCH
- PUMP MOTOR (M)
- PUSH/PULL BREAKER
- PLUG
- GROUND

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE
4				
3				
2				
1				

FROM HIN # •	TO HIN # •	TITLE: F-36 EX MACERATOR (UNDER VANITY / BILGE)
FROM HIN # •	TO HIN # •	
FROM HIN # •	TO HIN # •	
FROM HIN # •	TO HIN # •	DR BY: KKR / CH BY: RE
FROM HIN # •	TO HIN # •	DATE: 5-29-90 / NO.: 360-011

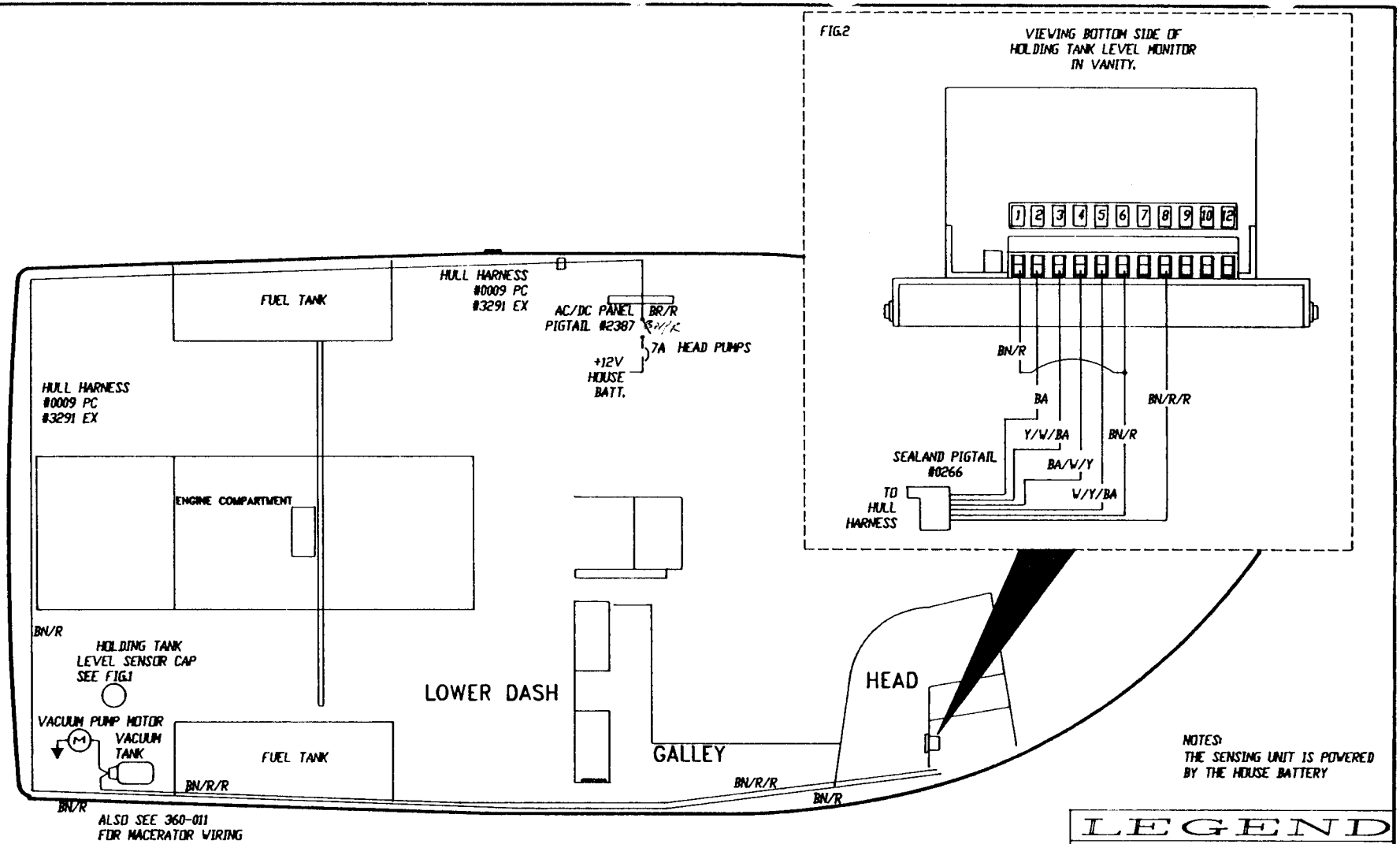
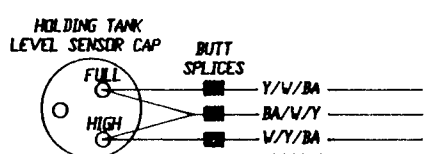


FIG.1



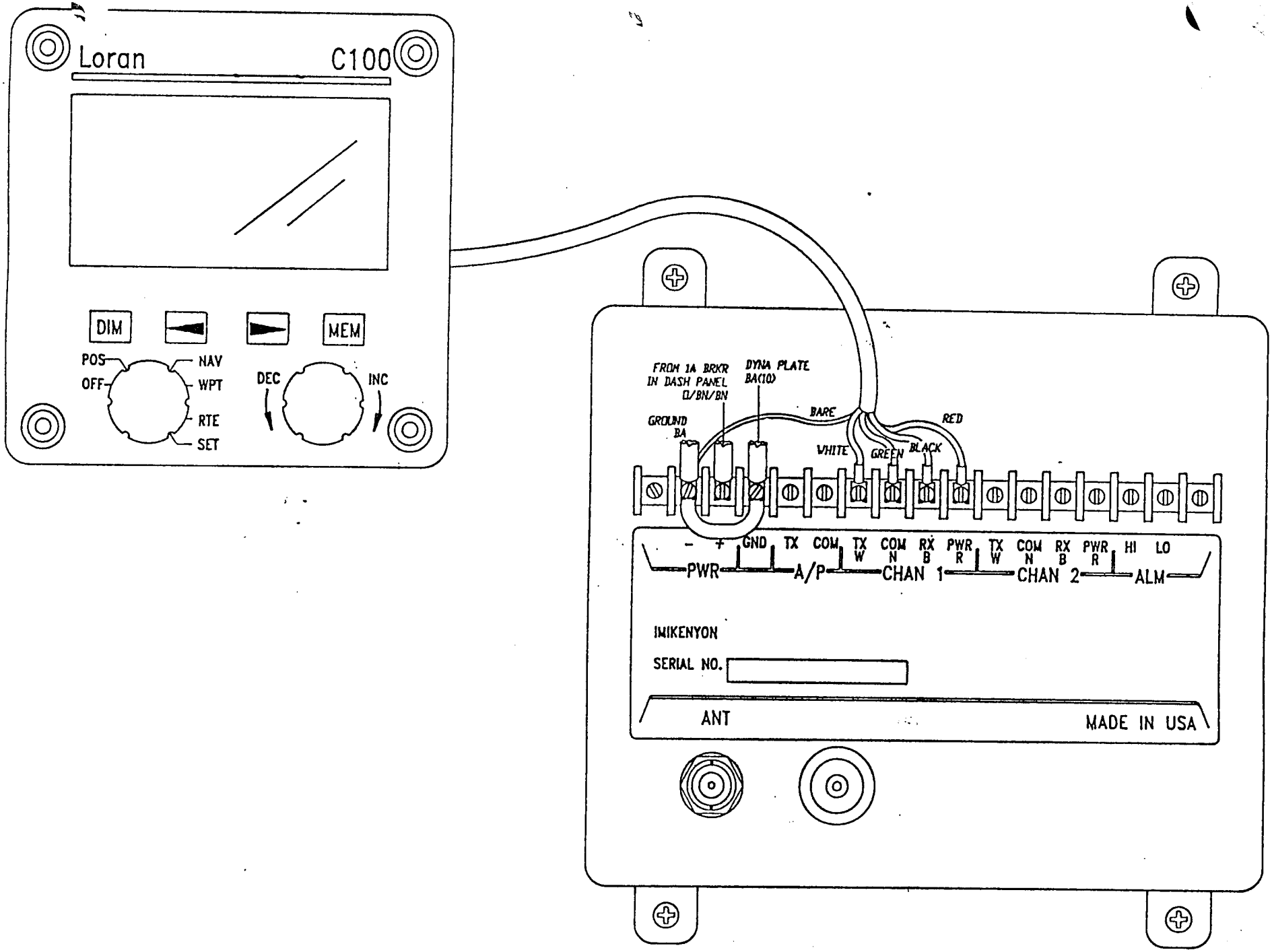
LEGEND

- VACUUM PUMP MOTOR
- VACUUM TANK — WIRE TO 'B' POSITIONS
- BREAKER SWITCH
- SPLICE
- PLUG
- GROUND

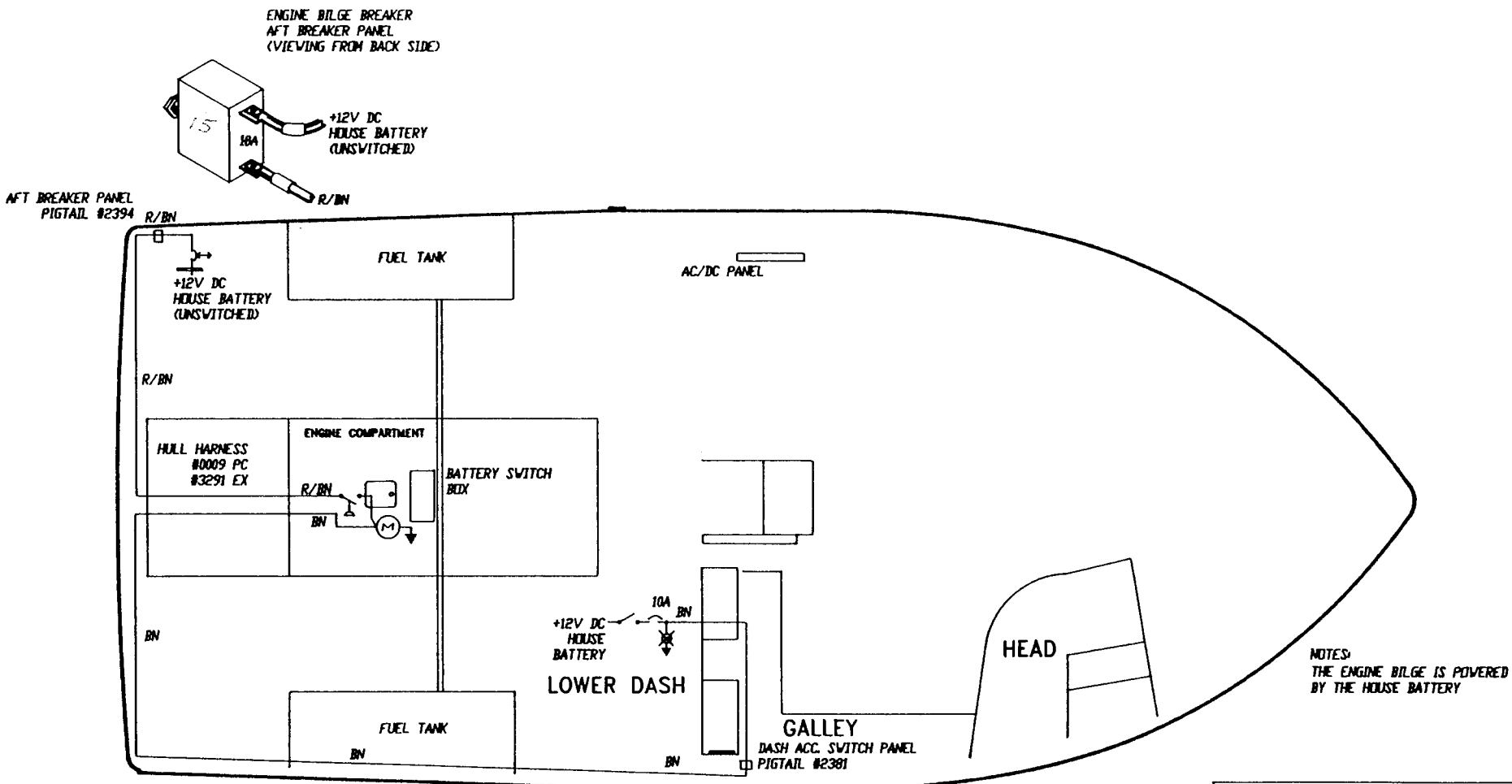
THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •
4					FROM HIN # •	TO HIN # •
3					FROM HIN # •	TO HIN # •
2					FROM HIN # •	TO HIN # •
1					FROM HIN # •	TO HIN # •

TITLE: F-36EX/PC LEVEL SENSING UNIT (BEHIND VANITY / BILGE / AC-DC PANEL)
DR BY: KKR | CH BY: RE
DATE: 5-29-90 | NO.: 360-011a



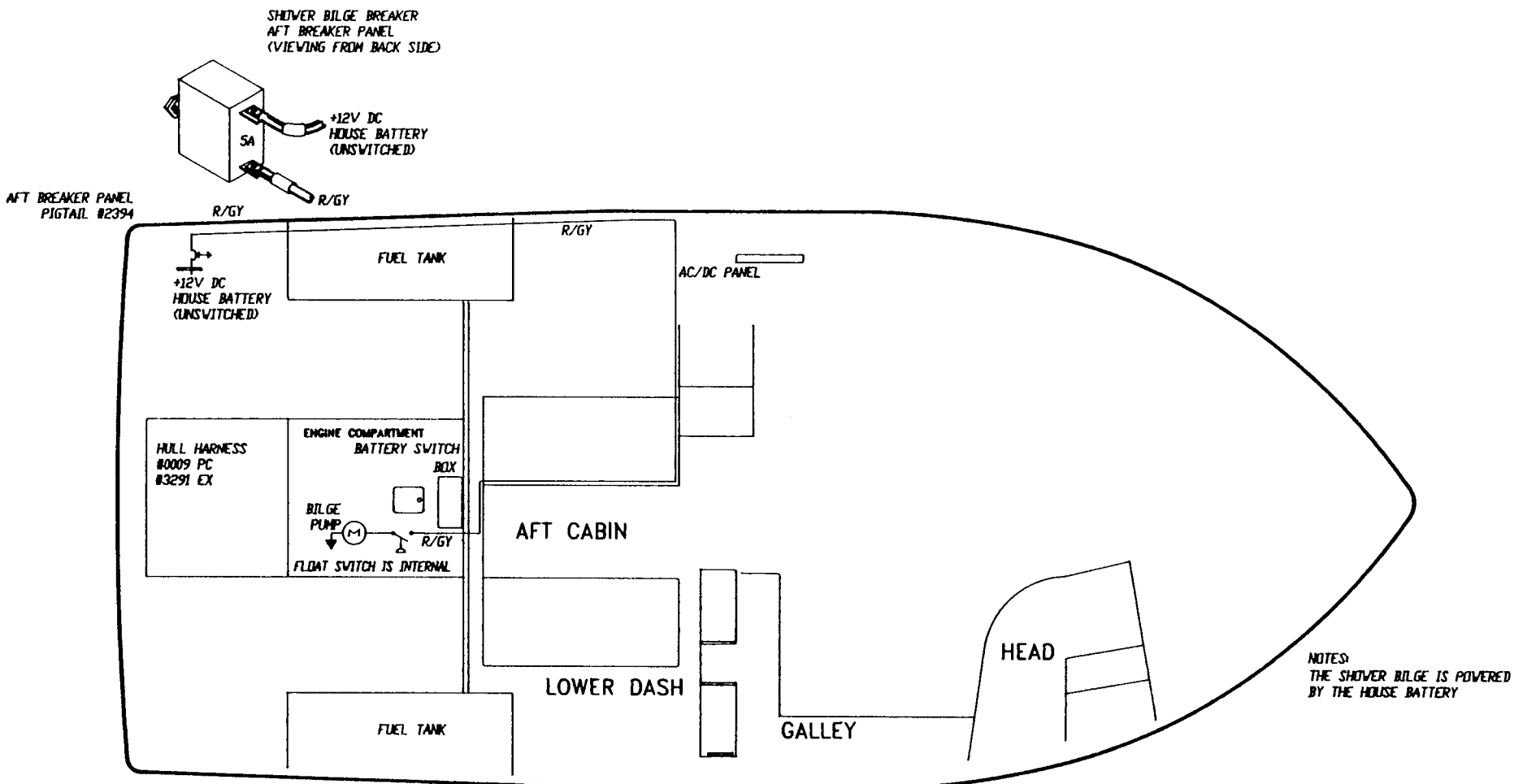
THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	TITLE: LORAN WIRING DIRECTIVE
	DR BY DATE: 1-. . J
	CH BY: NO.: VS-509



LEGEND

VACUUM PUMP MOTOR	M
FLOAT SWITCH	
PUSH/PULL BREAKER	
SPLICE	■
PLUG	□
GROUND	

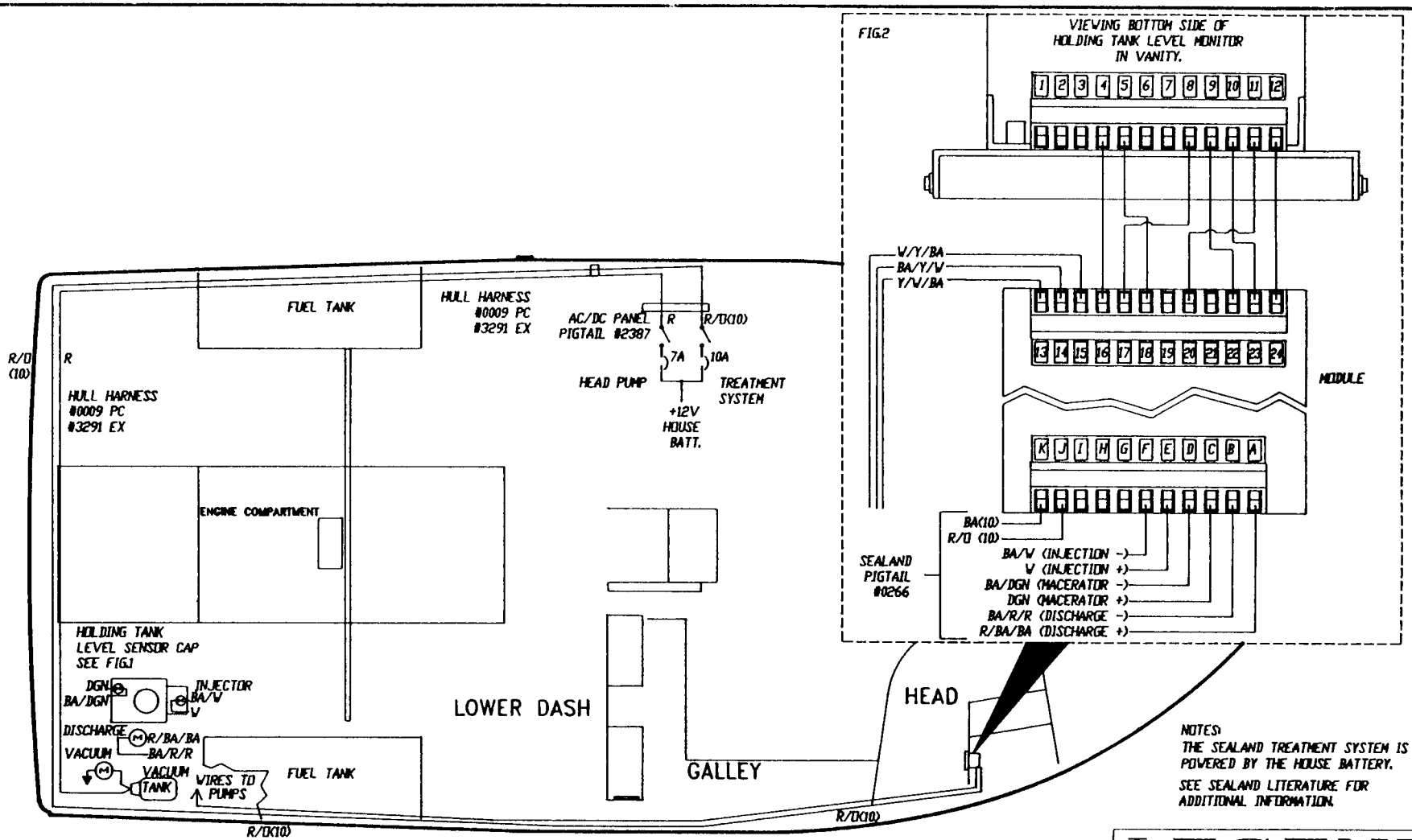
THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •	TITLE: F-36PC ENGINE BILGE PUMP (ACCESS IN FRONT OF BATTERIES)
	3					FROM HIN # •	TO HIN # •	
	2					FROM HIN # •	TO HIN # •	
	1					FROM HIN # •	TO HIN # •	DR BY: KKR / CH BY:
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •	DATE: 5-29-90 / NO.: 360-013b



LEGEND

VACUUM PUMP MOTOR	M
FLOAT SWITCH	
PUSH/PULL BREAKER	
PLUG	
GROUND	

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •	TITLE: F-36EX SHOWER BILGE (ACCESS IN FRONT OF BATTERIES)
	3					FROM HIN # •	TO HIN # •	
	2					FROM HIN # •	TO HIN # •	
	1					FROM HIN # •	TO HIN # •	DR BY: KKR / CH BY: RE
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •	DATE: 5-29-90 / NO.: 361-013 d

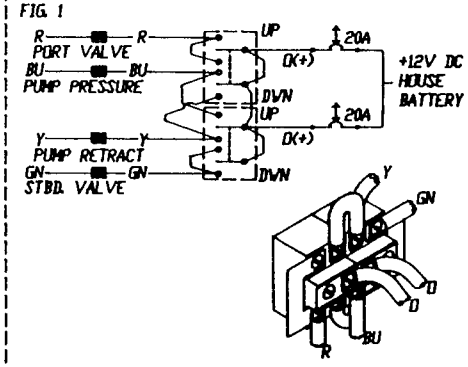


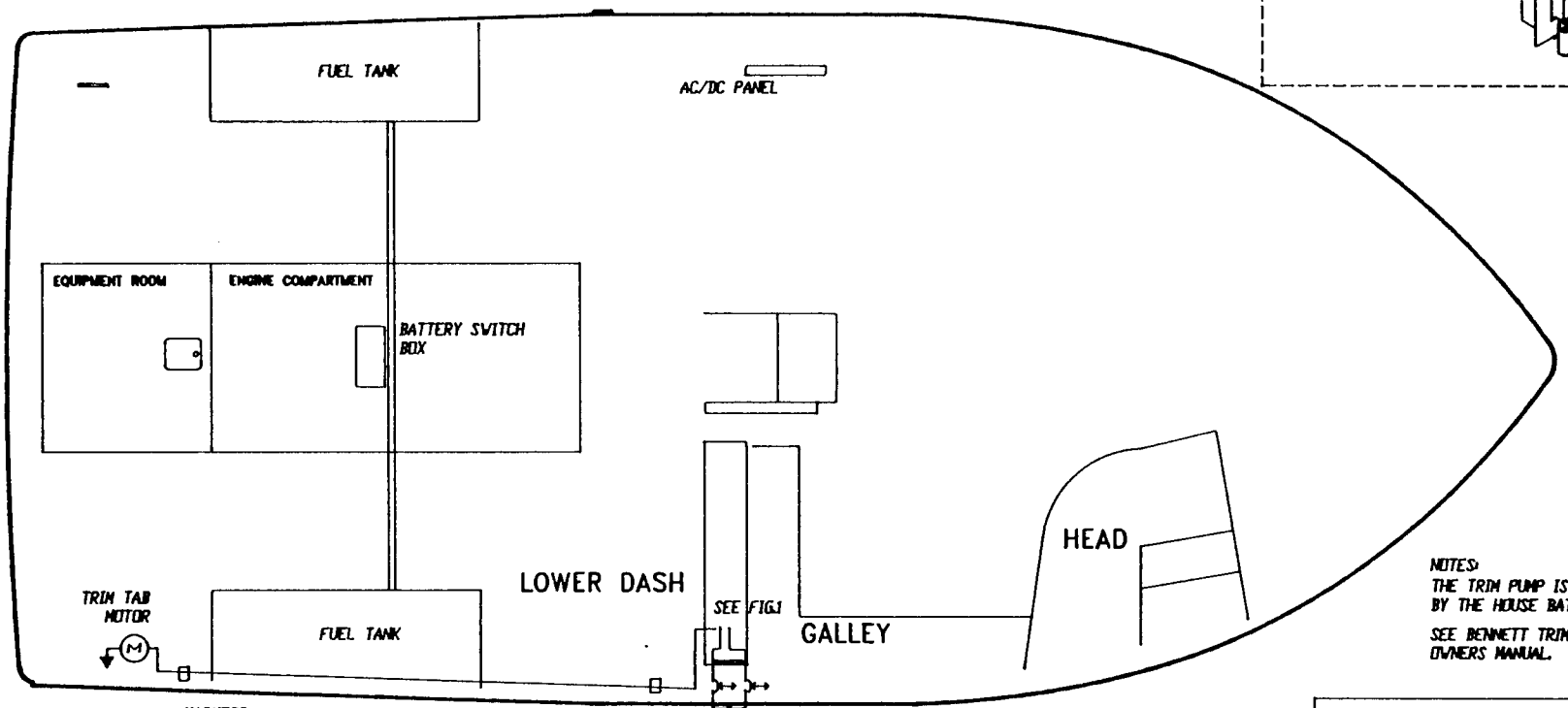
THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #
4					FROM HIN #	TO HIN #
3					FROM HIN #	TO HIN #
2					FROM HIN #	TO HIN #
1					FROM HIN #	TO HIN #

TITLE: F-36EX/PC
SEALAND TREATMENT SYS.
(BEHIND VANITY / BILGE / AC-DC PANEL)
DR BY: KKR CH BY:
DATE: 5-29-90 NO.: 360-014

FIG. 1

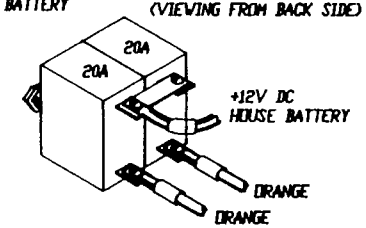




NOTES:
THE TRIM PUMP IS POWERED BY THE HOUSE BATTERY

SEE BENNETT TRIM TABS OWNERS MANUAL.

TRIM PUMP BREAKERS
DASH BREAKER PANEL
(VIEWING FROM BACK SIDE)



LEGEND

TRIM PUMP MOTOR

DPDT SWITCH

PUSH/PULL BREAKER

PLUG

GROUND

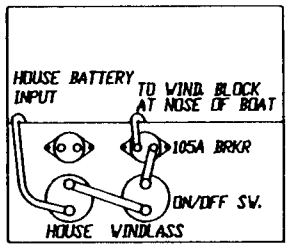
THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •
	3					FROM HIN # •	TO HIN # •
	2					FROM HIN # •	TO HIN # •
	1					FROM HIN # •	TO HIN # •
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •

TITLE: F-36PC/EX
TRIM TAB PUMP
(BILGE /SHIFTER PANEL)

DR BY: KKR | CH BY:

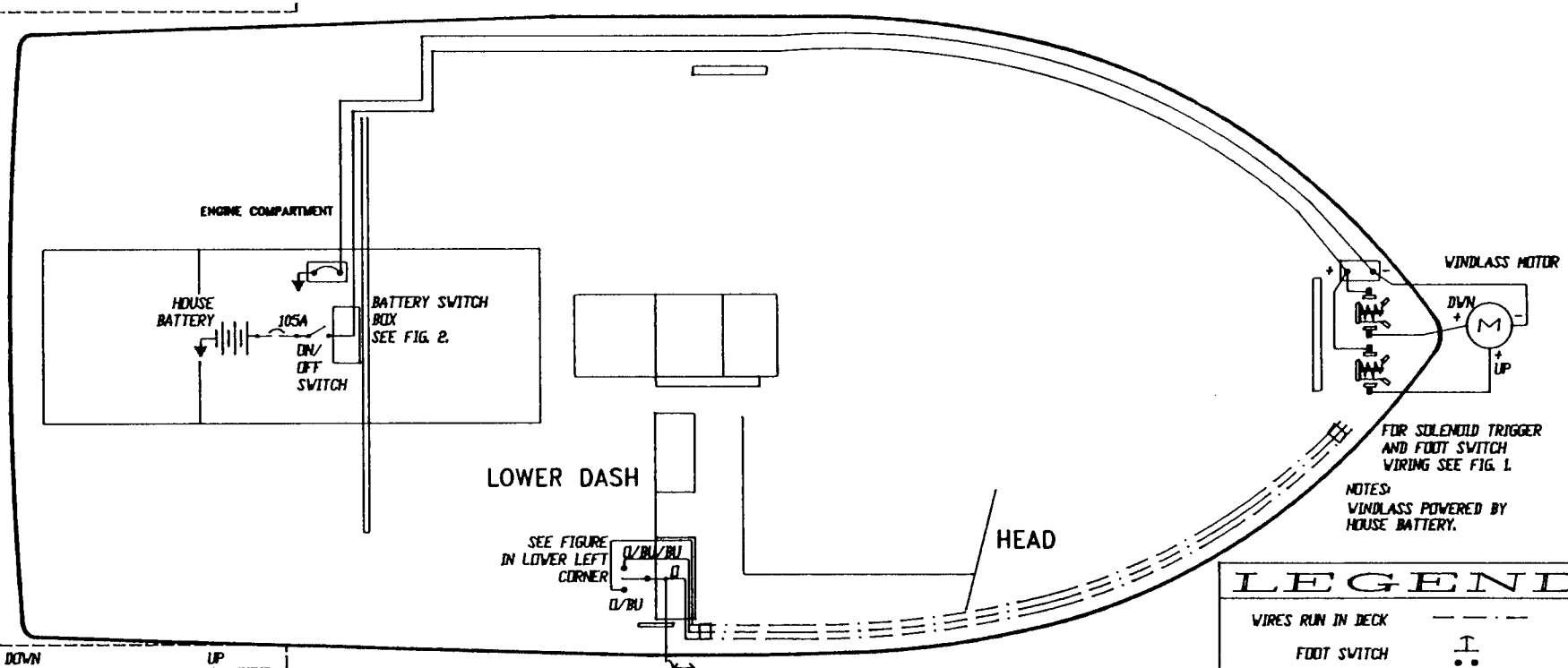
DATE: 5-29-90 | NO.: 360-015

FIG. 2



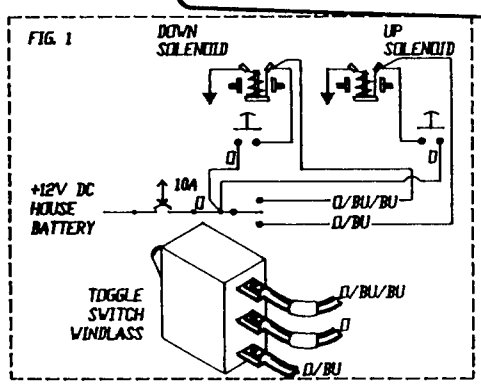
VIEW OF BATTERY SWITCH BOX WITH DOOR OPEN

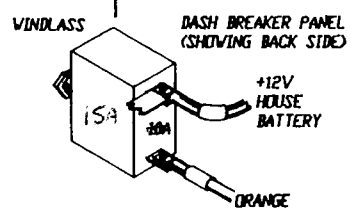
NOTE: BREAKER IS RESETABLE.



NOTES:
WINDLASS POWERED BY HOUSE BATTERY.

FIG. 1



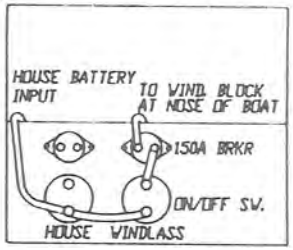


LEGEND

- WIRES RUN IN DECK
- FOOT SWITCH
- ON/OFF SWITCH
- THERMAL BREAKER
- PLEX DISTRIBUTION BLOCK
- SOLENOID
- PLUG
- GROUND

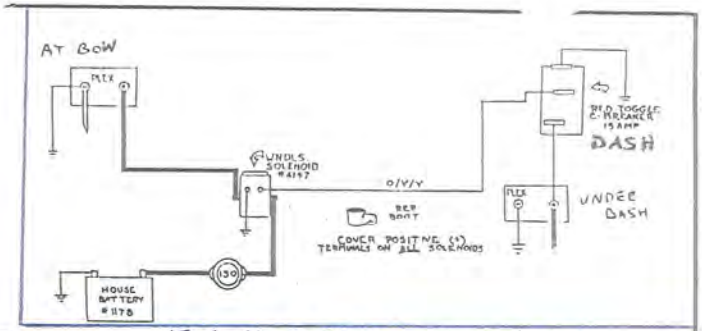
THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •	TITLE: F 36 PC/EX WINDLASS (LOFRANS) (DASH/BATTERY SW. BOX/BOW PULPIT)
	3					FROM HIN # •	TO HIN # •	
	2					FROM HIN # •	TO HIN # •	
	1					FROM HIN # •	TO HIN # •	DR BY: KKR / CH BY:
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •	DATE: 5-21-90 / NO.:360-016a

FIG. 2

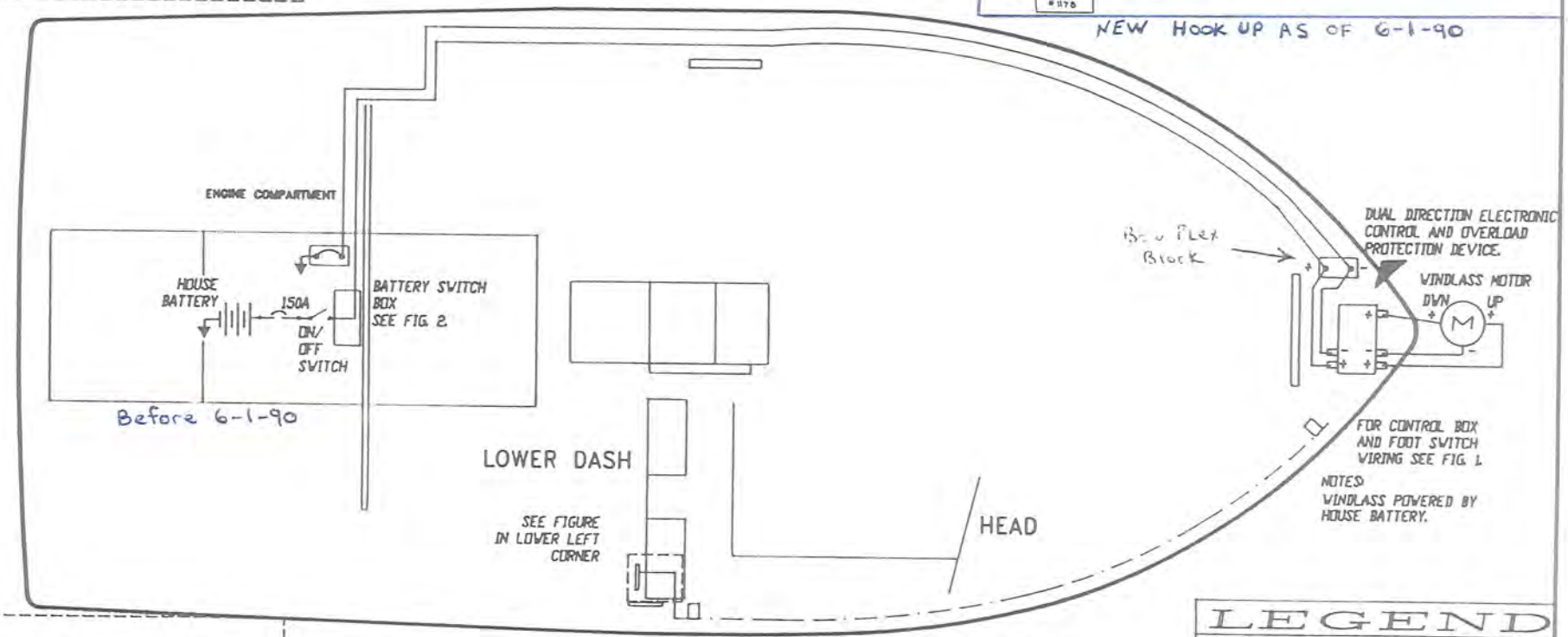


VIEW OF BATTERY SWITCH BOX WITH DOOR OPEN

NOTE: BREAKER IS RESETABLE.

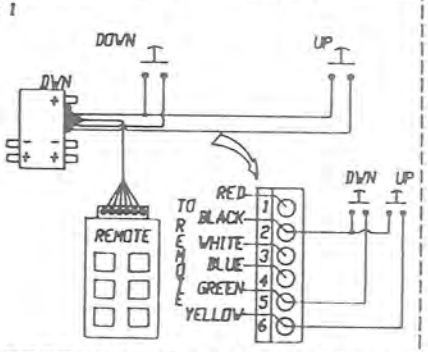


NEW HOOK UP AS OF 6-1-90



MAXWELL SUPPLIED HARNESS RUN IN DECK.

FIG. 1



LEGEND

WIRES RUN IN DECK	— — · —
FOOT SWITCH	
ON/OFF SWITCH	
THERMAL BREAKER	
PLEX DISTRIBUTION BLOCK	
PLUG	
GROUND	

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

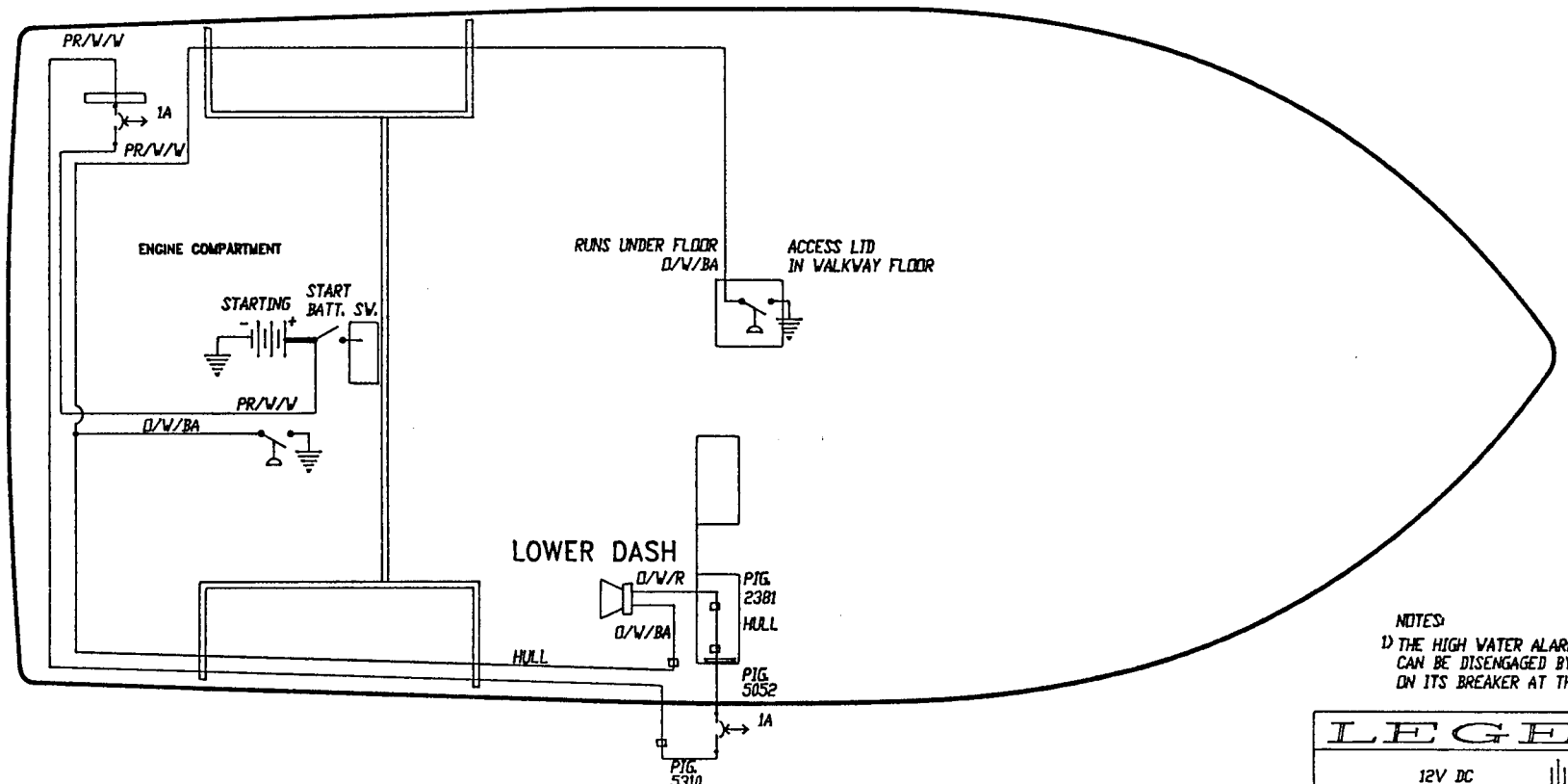
#	REVISIONS	DR	CH	DATE
4				
3				
2				
1				

FROM HIN # ·
TO HIN # ·

TITLE: F 36 PC/EX
WINDLASS (MAXWELL)
(DASH/BATTERY SW. BOX/BOW PULPIT)

DR BY: KKR | CH BY: RE
DATE: 5-21-90 | NO.: 360-016 b

REAR BREAKER LABELED
EITHER ACC. OR STARTING BATT CONST. (1A)



DASH BREAKER LABELED
HIGH WATER ALM. (1A)

NOTES:
1) THE HIGH WATER ALARM CAN BE DISENGAGED BY PULLING ON ITS BREAKER AT THE DASH PANEL.

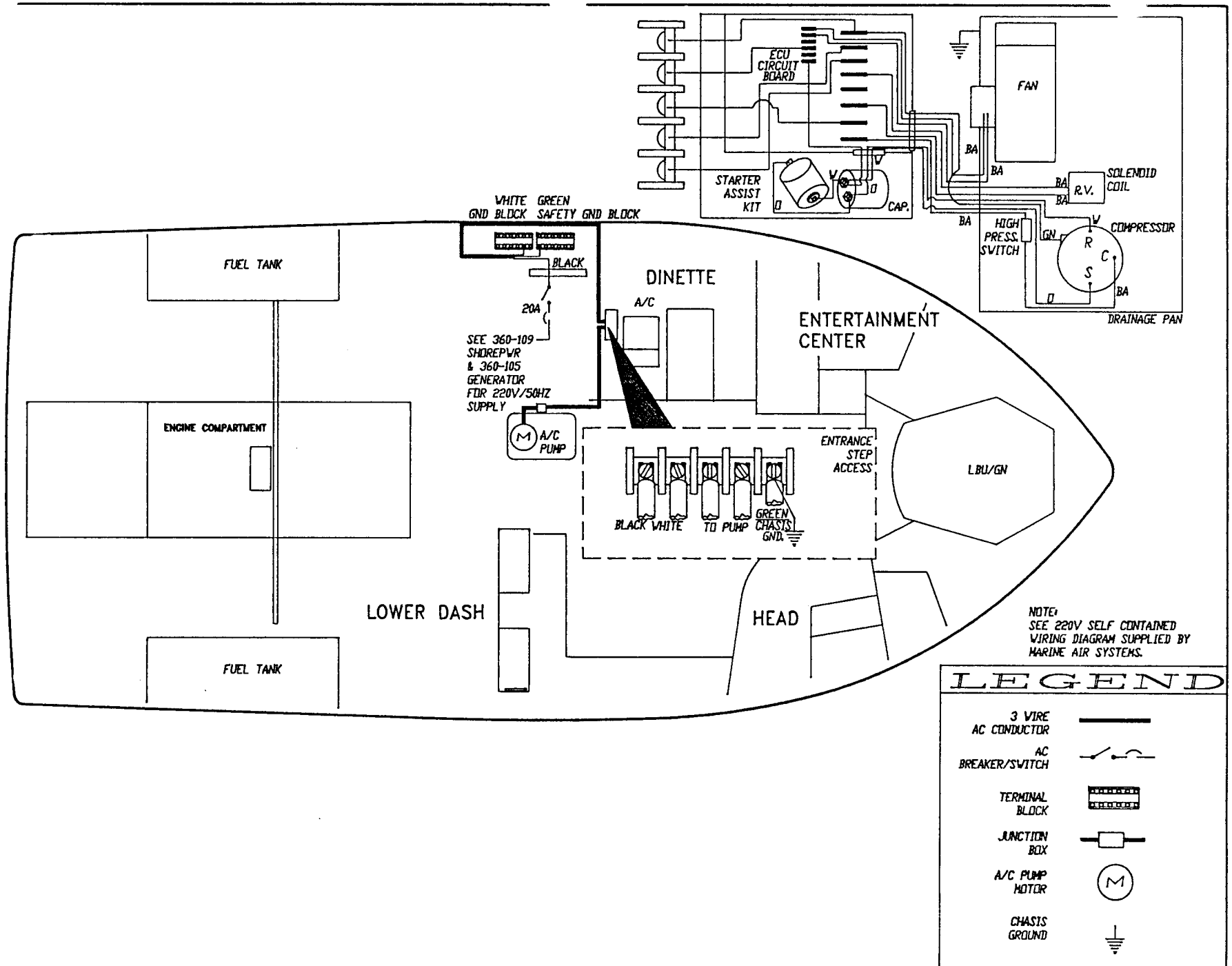
LEGEND

- 12V DC BATTERY
- PUSH-PULL BREAKER
- PLUG
- ON/OFF BATTERY SWITCH
- FLOAT SWITCH

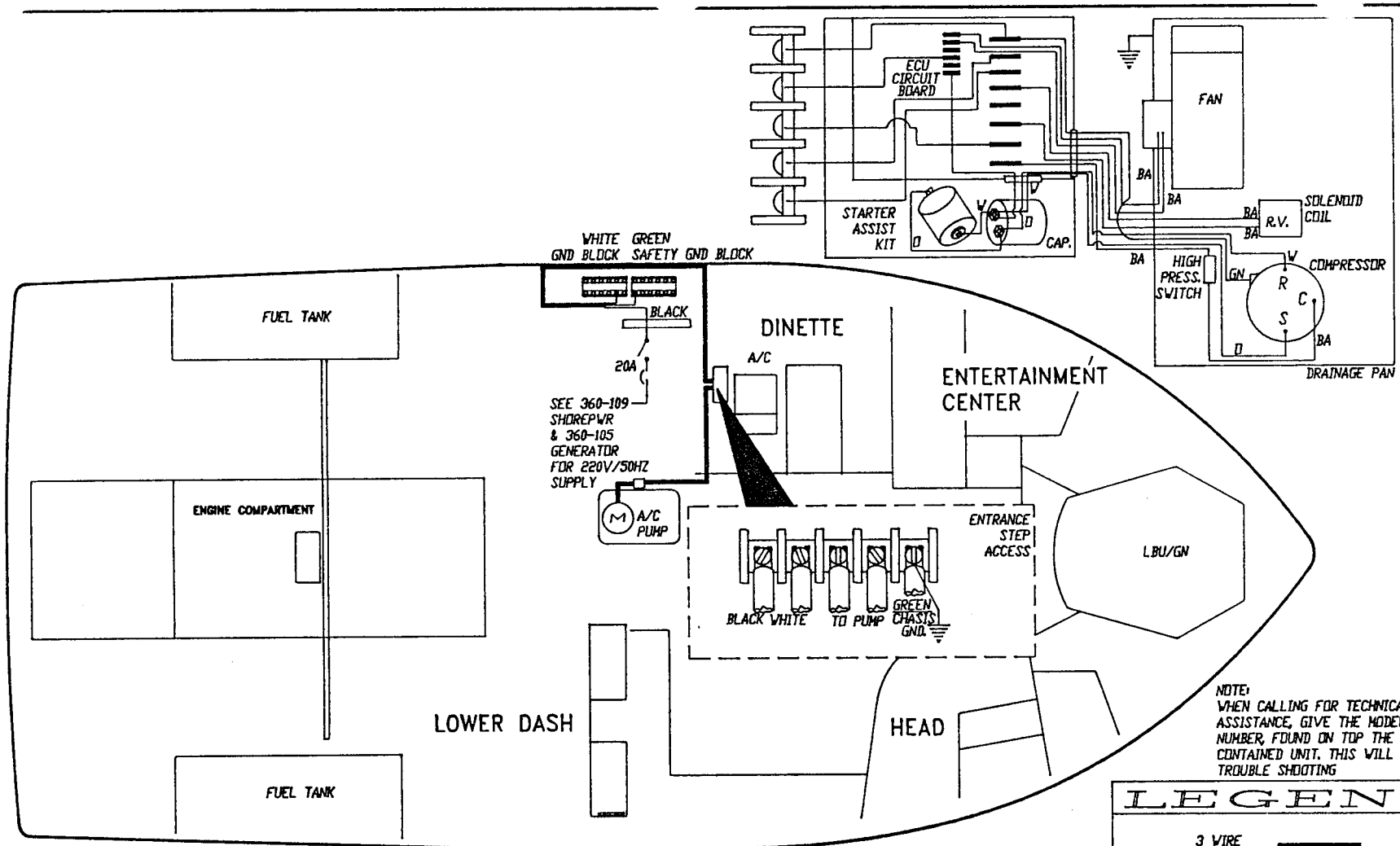
THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #
4					FROM HIN #	TO HIN #
3					FROM HIN #	TO HIN #
2					FROM HIN #	TO HIN #
1					FROM HIN #	TO HIN #

TITLE: F-36PC/EX
HIGH WATER ALARM
(DASH/REAR BRKR PNLS./BILGE)
DR BY: KKR CH BY: RS
DATE: 1-21-91 NO.: 360-017



THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: F-36PC/EX
P.O. BOX 501	3					FROM HIN #	TO HIN #	AIR CONDITIONER (110V)
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	(ENTRY STEP/AFT DINETTE/AC-DC PANEL)
(219) 724-9111	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: AE
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 5-30-90 / NO.: 360-101a



NOTE:
WHEN CALLING FOR TECHNICAL ASSISTANCE, GIVE THE MODEL NUMBER, FOUND ON TOP THE SELF CONTAINED UNIT. THIS WILL SPEED TROUBLE SHOOTING

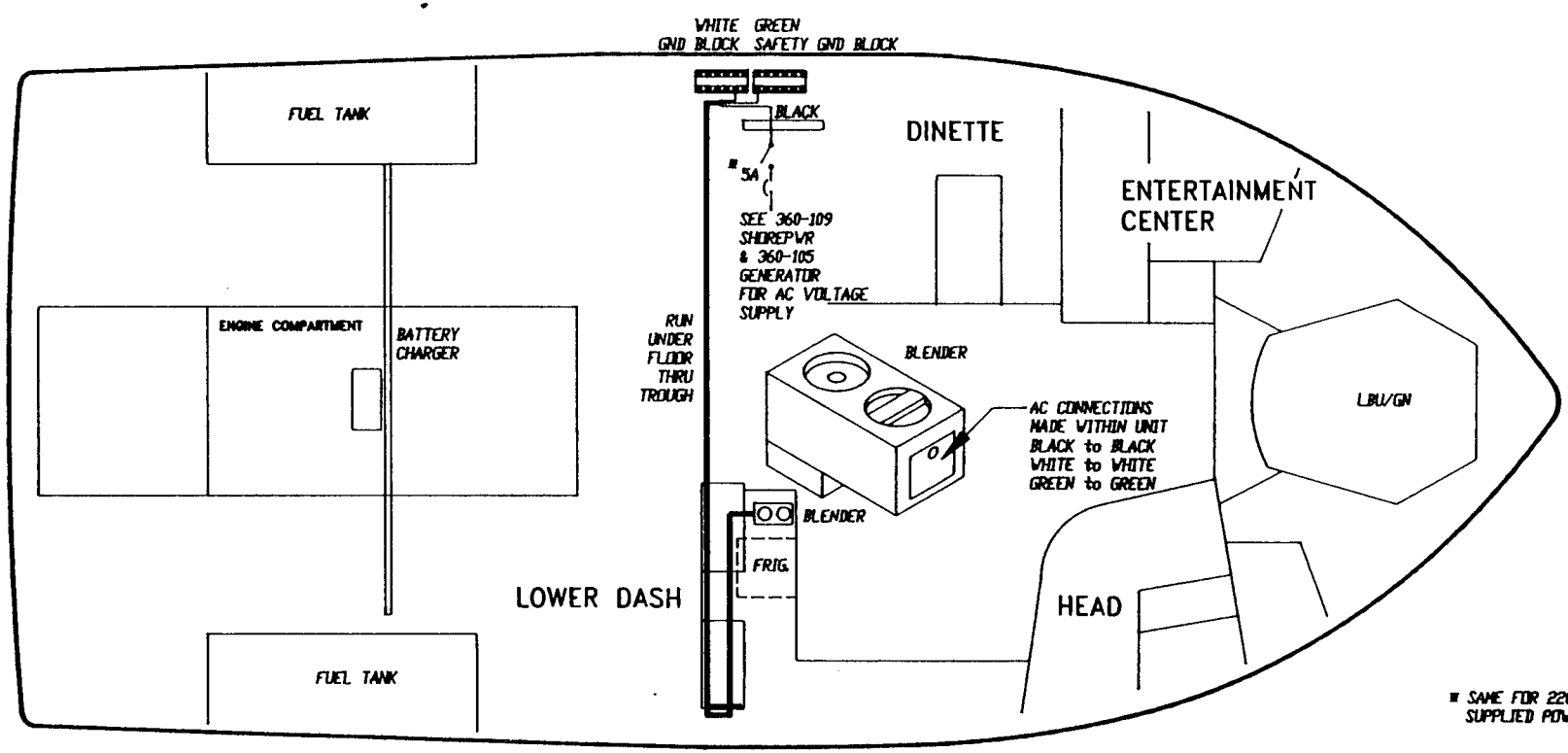
LEGEND

- 3 WIRE AC CONDUCTOR
- AC BREAKER/SWITCH
- TERMINAL BLOCK
- JUNCTION BOX
- A/C PUMP MOTOR (M)
- CHASIS GROUND

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #
4					FROM HIN #	TO HIN #
3					FROM HIN #	TO HIN #
2					FROM HIN #	TO HIN #
1					FROM HIN #	TO HIN #

TITLE: F36PC/EX 220V AIR CONDITIONER (220V) (ENTRY STEP/AFT DINETTE/AC-DC PANEL)
DR BY: KKR | CH BY:
DATE: 5-31-90 | NO.: 360-101 b

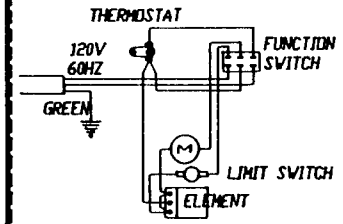


LEGEND

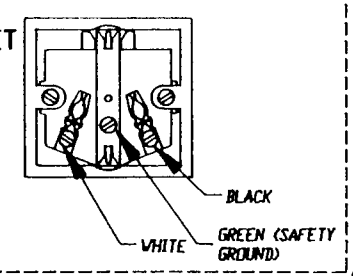
3 WIRE AC CONDUCTOR	
AC BREAKER/SWITCH	
TERMINAL BLOCK	

THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: F-36PC/EX
P.O. BOX 501	3					FROM HIN #	TO HIN #	BLENDER
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	(AC/DC PANEL \BEHIND FRIG.)
(219) 724-9111	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY:
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 5-31-90 / NO.: 360-103

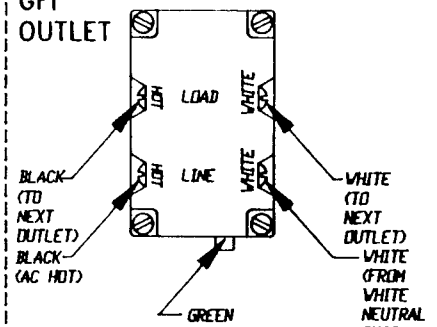
FIG. 1
CABIN HEATER
(120V 60HZ / MODEL 2E454B)

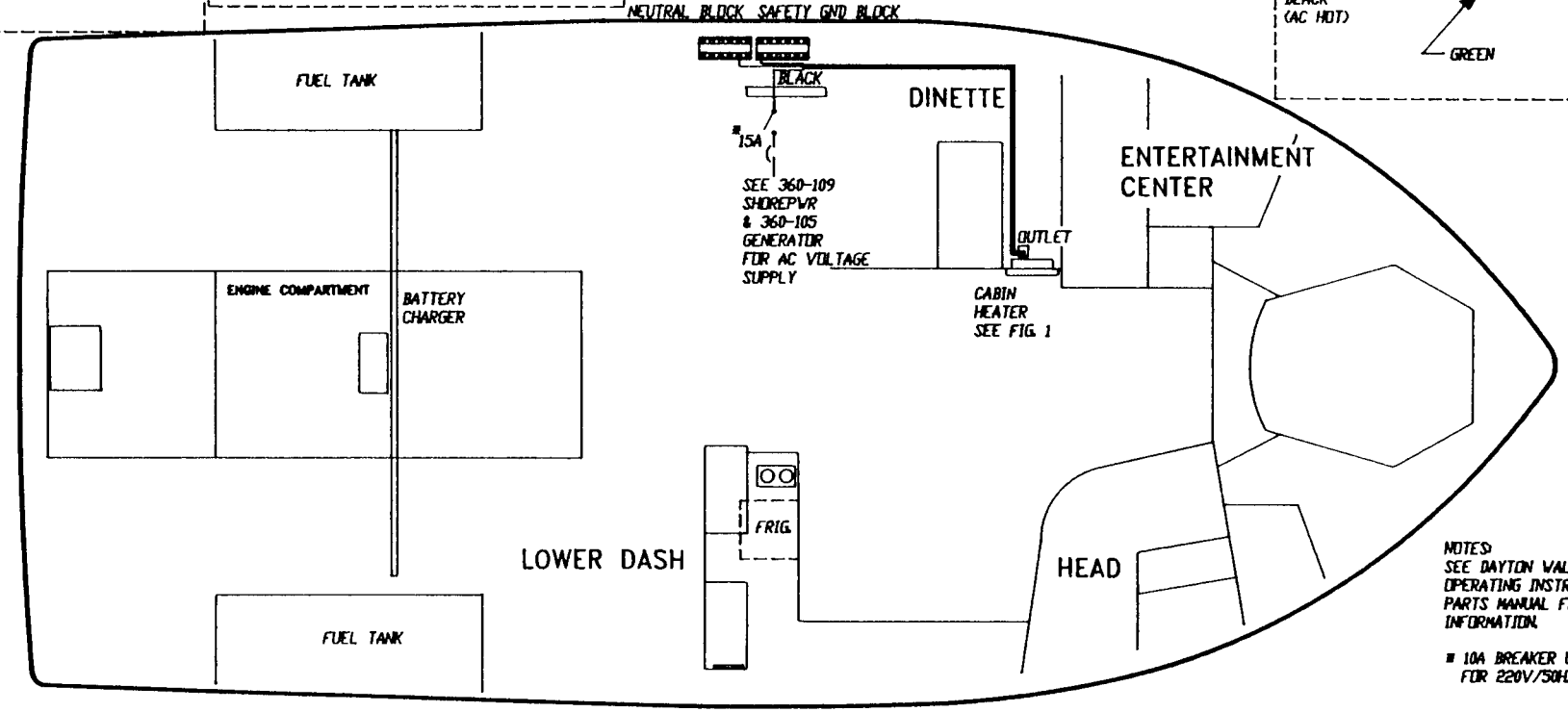


220V OUTLET



GFI OUTLET

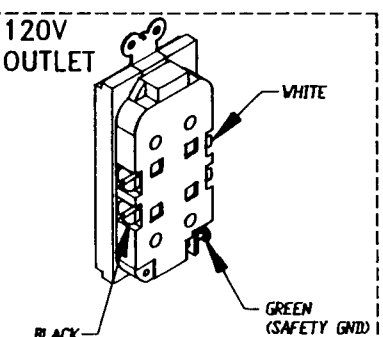




NOTES:
SEE DAYTON WALL HEATER'S OPERATING INSTRUCTIONS AND PARTS MANUAL FOR FURTHER INFORMATION.

10A BREAKER USED FOR 220V/50HZ SUPPLY

120V OUTLET

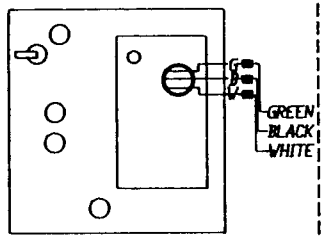


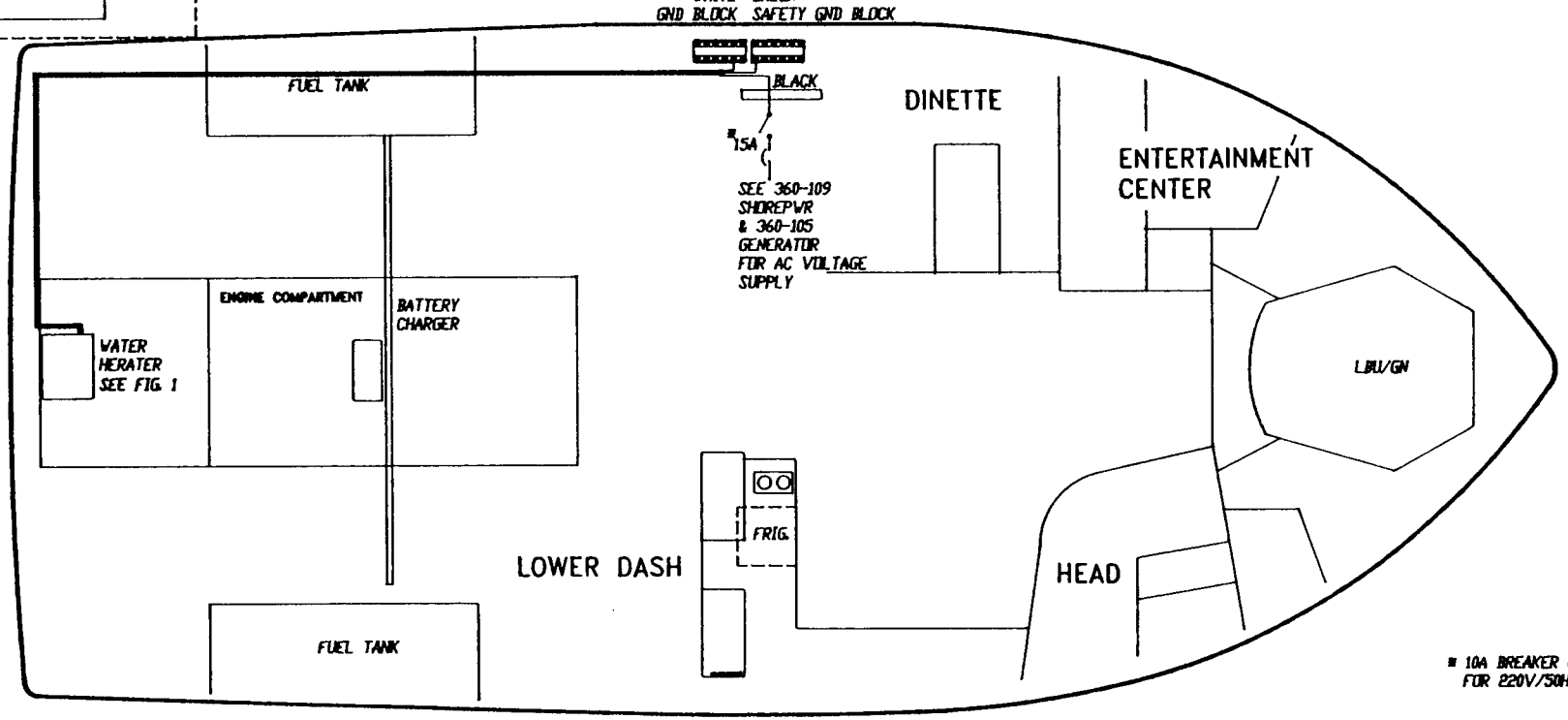
LEGEND

- 3 WIRE AC CONDUCTOR
- AC BREAKER/SWITCH
- TERMINAL BLOCK
- CHASIS GROUND

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #	TITLE: F-36PC/EX
	3					FROM HIN #	TO HIN #	CABIN HEATER
	2					FROM HIN #	TO HIN #	(AC-DC PANEL / DINETTE)
	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: RE
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 5-31-90 / NO.: 360-106 a

FIG. 1
WATER HEATER
(FACING SIDE WITH CONNECTIONS)



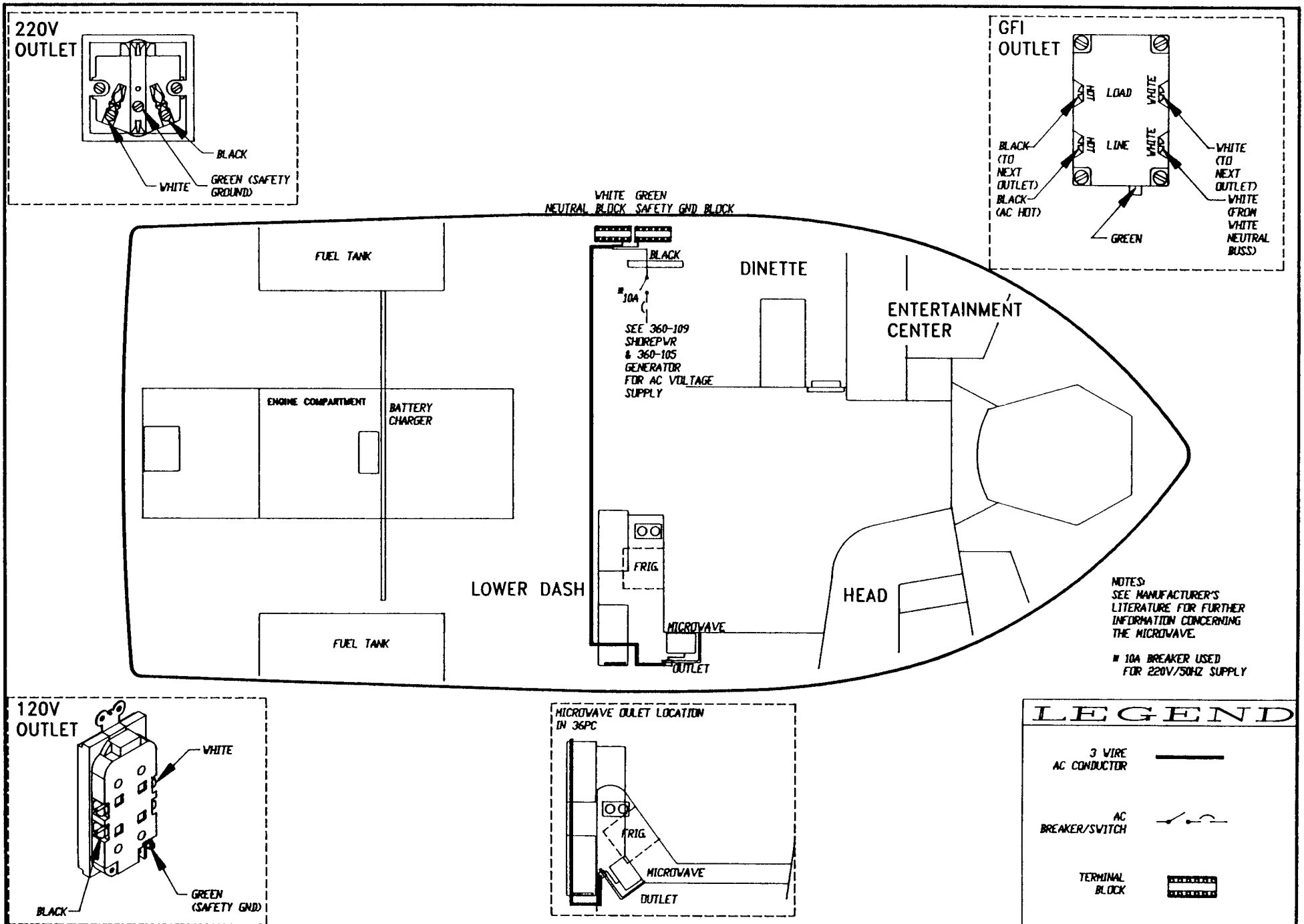


* 10A BREAKER USED
FOR 220V/50HZ SUPPLY

LEGEND

3 WIRE AC CONDUCTOR	———
AC BREAKER/SWITCH	
SPLICE	■
TERMINAL BLOCK	

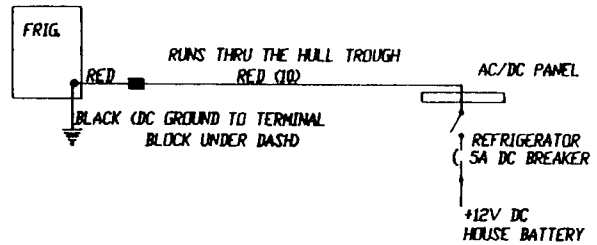
THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: F-36PC/EX
P.O. BOX 501	3					FROM HIN #	TO HIN #	WATER HEATER
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	(AC-DC PANEL/EQUIPMENT ROOM)
(219) 724-9111	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY:
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 5-31-90 / NO.: 360-106b



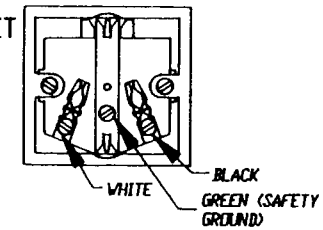
THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #
	3					FROM HIN #	TO HIN #
	2					FROM HIN #	TO HIN #
	1					FROM HIN #	TO HIN #
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #

TITLE: F-36PC/EX
MICROWAVE
(AC-DC PANEL / UPPER GALLEY)
DR BY: KKR | CH BY: RE
DATE: 5-31-90 | NO.: 360-107

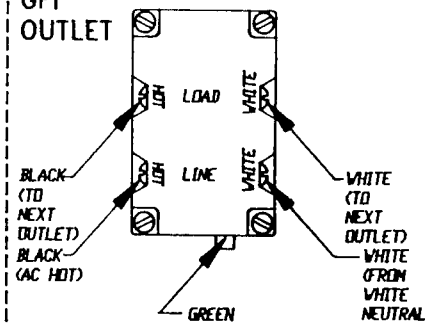
DC WIRING FOR 120V AND 220V UNITS

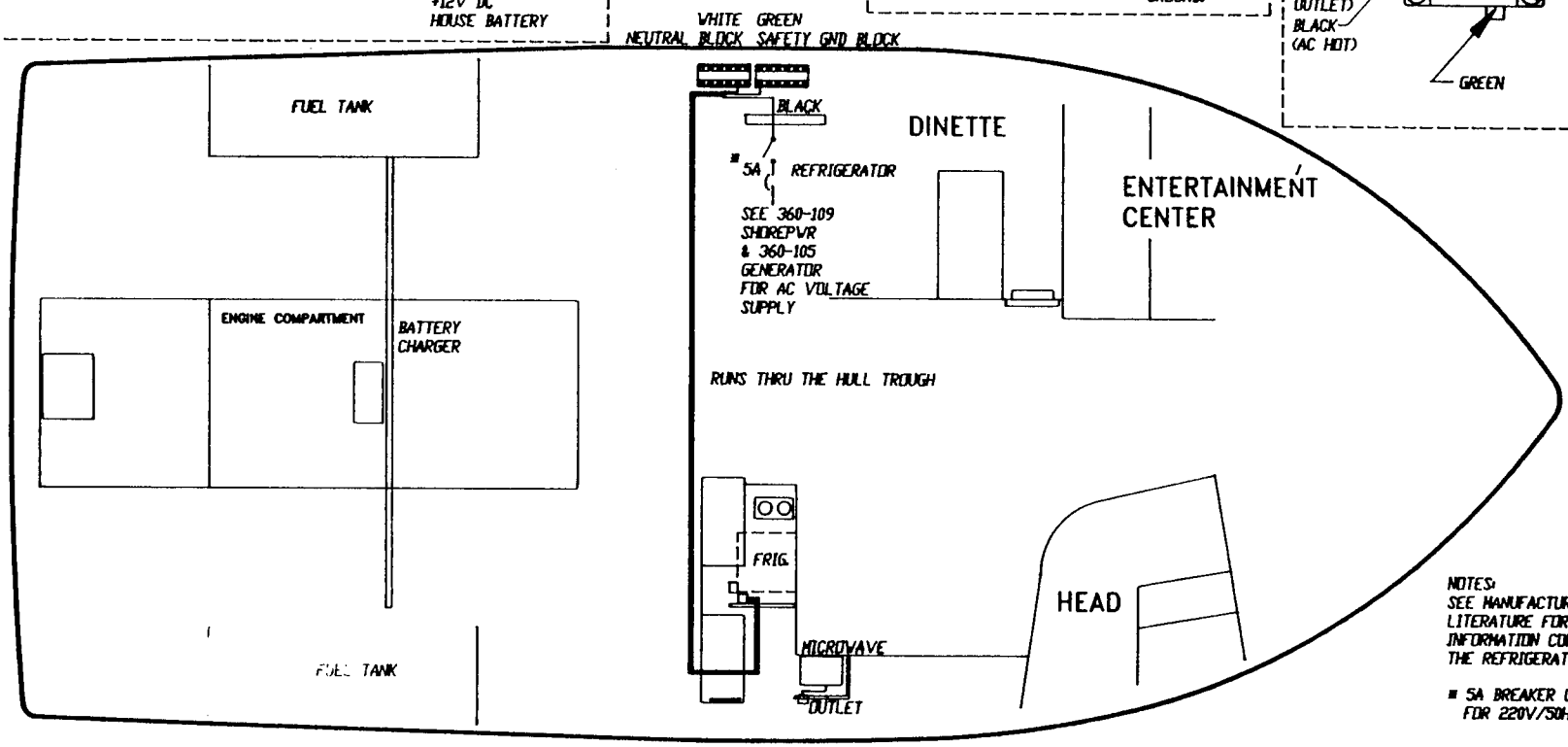


220V OUTLET



GFI OUTLET

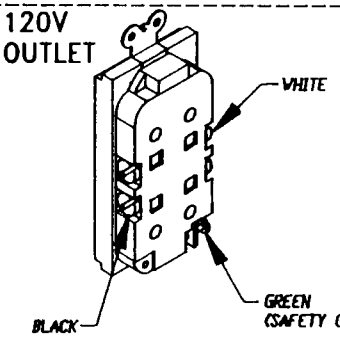




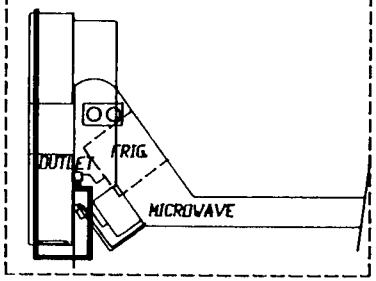
NOTES:
SEE MANUFACTURER'S LITERATURE FOR FURTHER INFORMATION CONCERNING THE REFRIGERATOR.

5A BREAKER USED FOR 220V/50HZ SUPPLY

120V OUTLET



MICROWAVE OULET LOCATION IN 36PC



LEGEND

3 WIRE AC CONDUCTOR

AC BREAKER/SWITCH

TERMINAL BLOCK

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

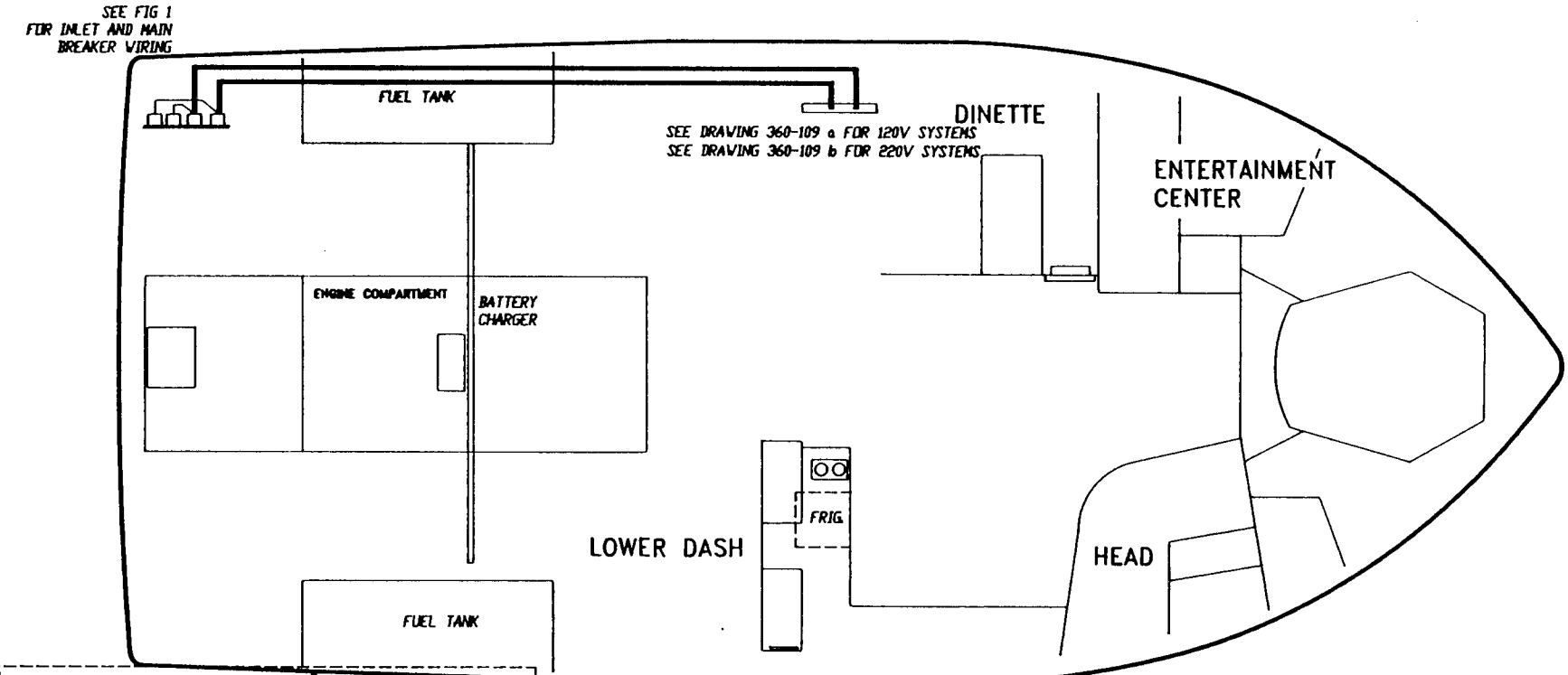
#	REVISIONS	DR	CH	DATE
4				
3				
2				
1				

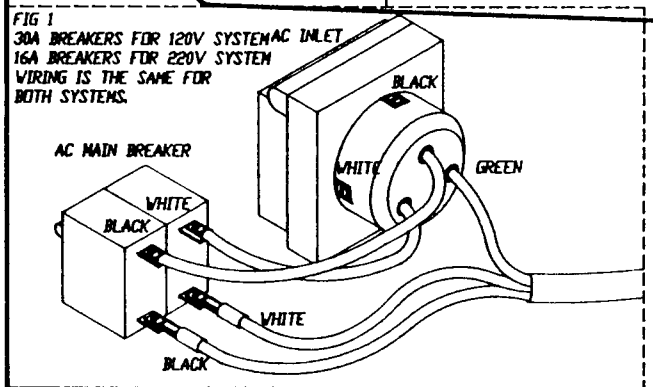
FROM HIN # / TO HIN #

TITLE: F-36PC/EX REFRIGERATOR (AC-DC PANEL / LOWER GALLEY)

DR BY: KKR CH BY: RE

DATE: 5-31-90 NO.: 360-108

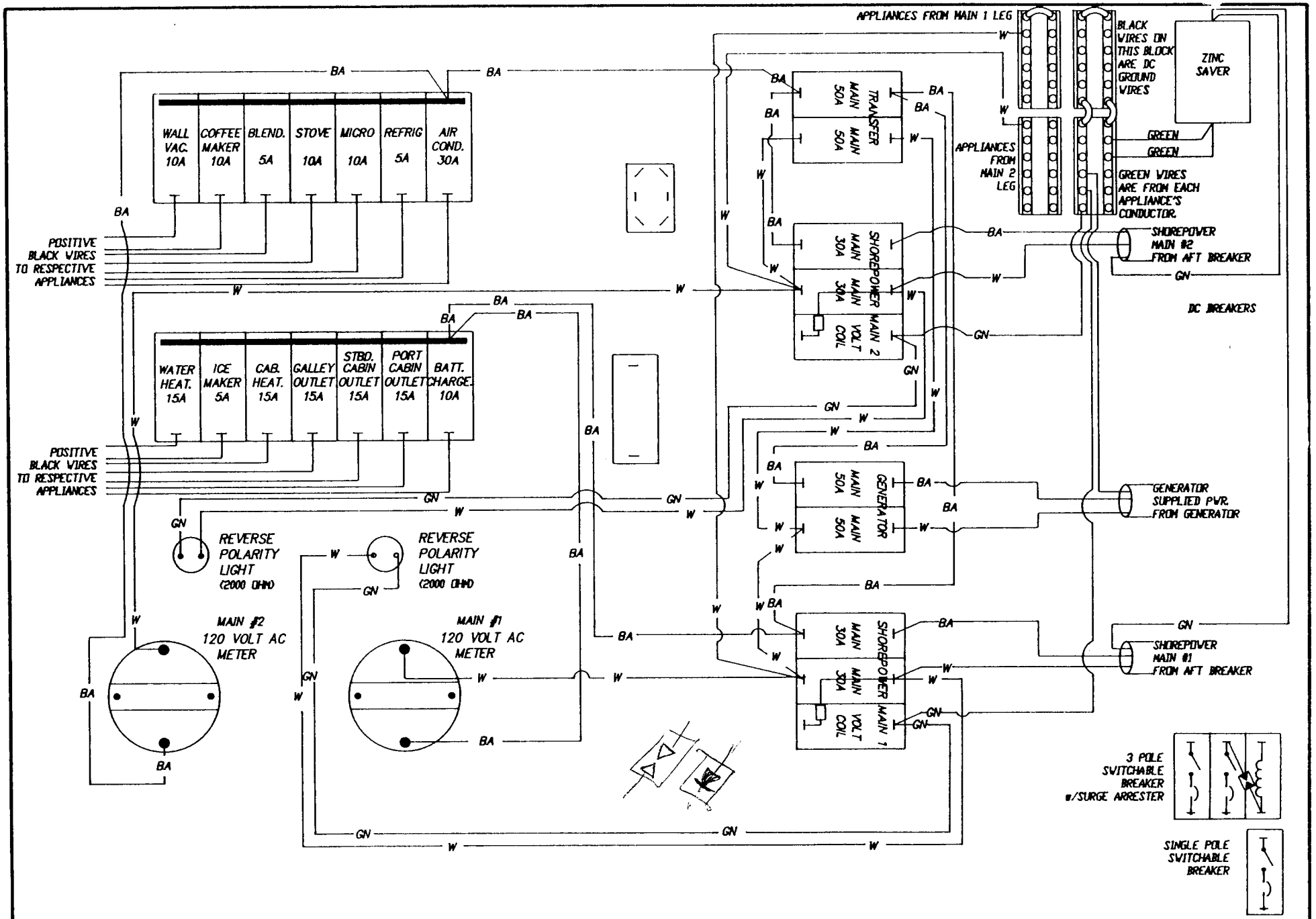




LEGEND

- 3 WIRE AC CONDUCTOR
- AC BREAKER/SWITCH
- TERMINAL BLOCK
- CHASIS GROUND

THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: F-36PC/EX
P.O. BOX 501	3					FROM HIN #	TO HIN #	SHOREPOWER
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	AFT STORAGE TUB/AC-DC PANEL
(219) 724-9111	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: RE
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 5-31-90 / NO.: 360-109

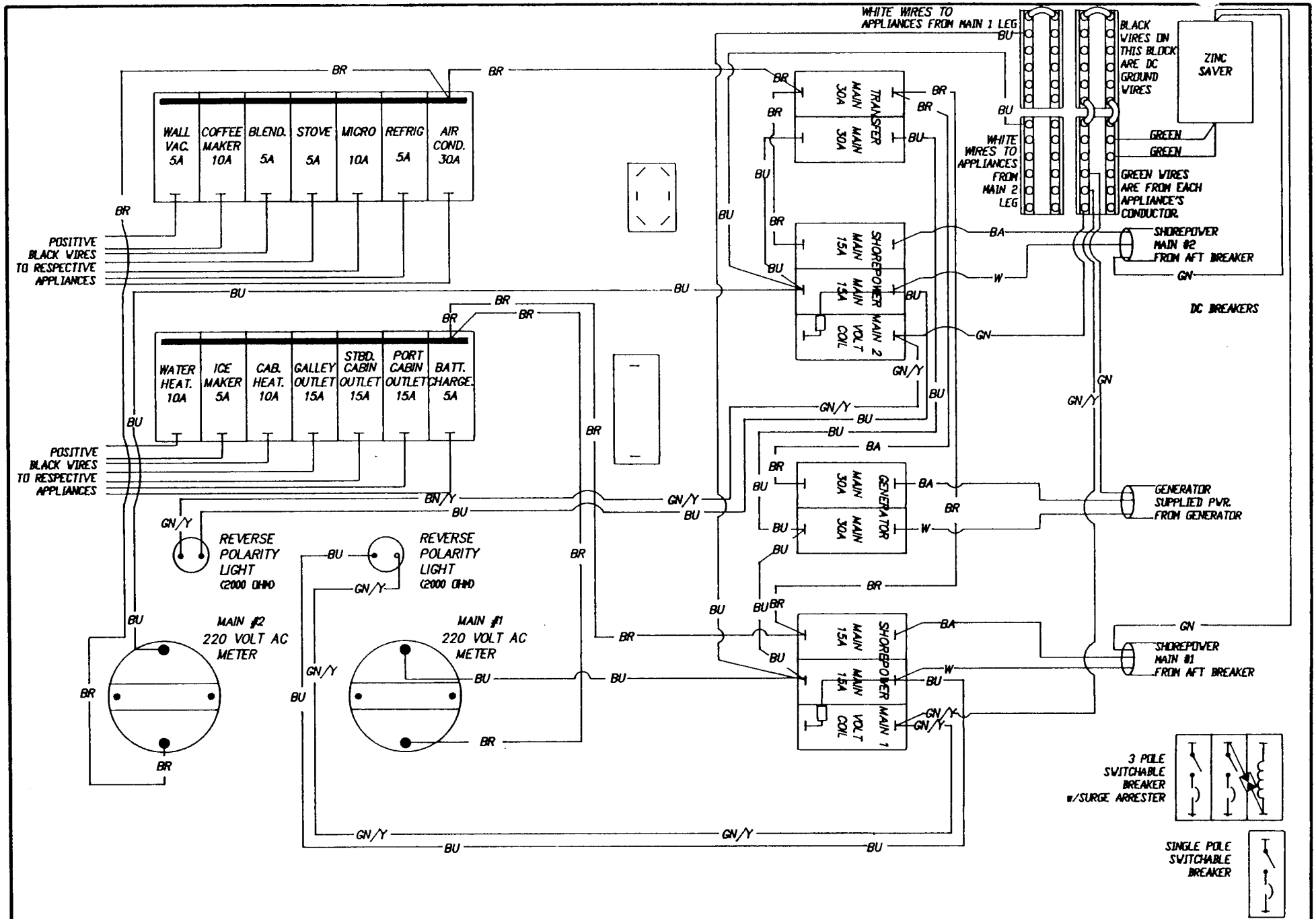


THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #
	3					FROM HIN #	TO HIN #
	2					FROM HIN #	TO HIN #
	1					FROM HIN #	TO HIN #
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #

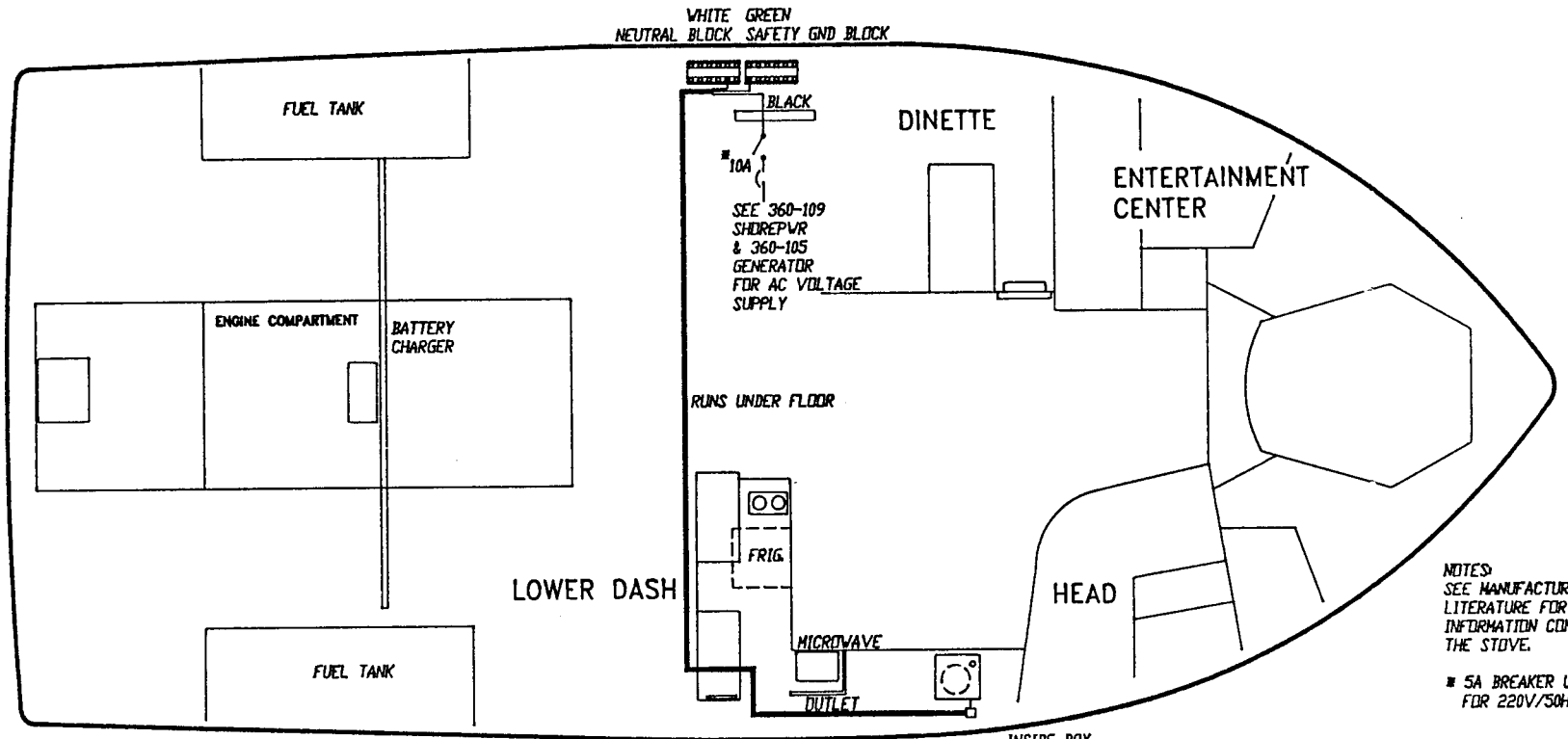
TITLE: F-36 PC/EX
AC WIRING AT AC/DC PANEL
(AC-DC PANEL)

DR BY: KKR | CH BY: RE

DATE: 6-19-90 | NO. 360-109 a

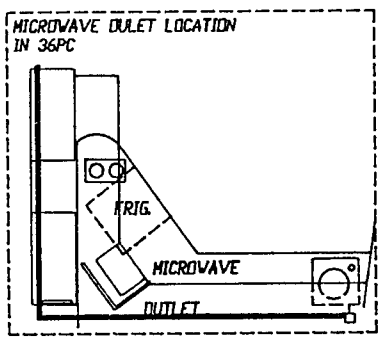


THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: F-36 PC/EX AC WIRING AT AC/DC PANEL (AC-DC PANEL) 220V
P.O. BOX 501	3					FROM HIN #	TO HIN #	
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: RE
(219) 724-9111	1					FROM HIN #	TO HIN #	DATE: 6-19-90 / NO. 360-109 b
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	



NOTES:
SEE MANUFACTURER'S LITERATURE FOR FURTHER INFORMATION CONCERNING THE STOVE.

5A BREAKER USED FOR 220V/50HZ SUPPLY



INSIDE BOX
BUTT CONNECT
GREEN TO GREEN
WHITE TO WHITE
BLACK TO BLACK

INSIDE BOX
BUTT CONNECT
GREEN TO GREEN
WHITE TO WHITE
BLACK TO BLACK

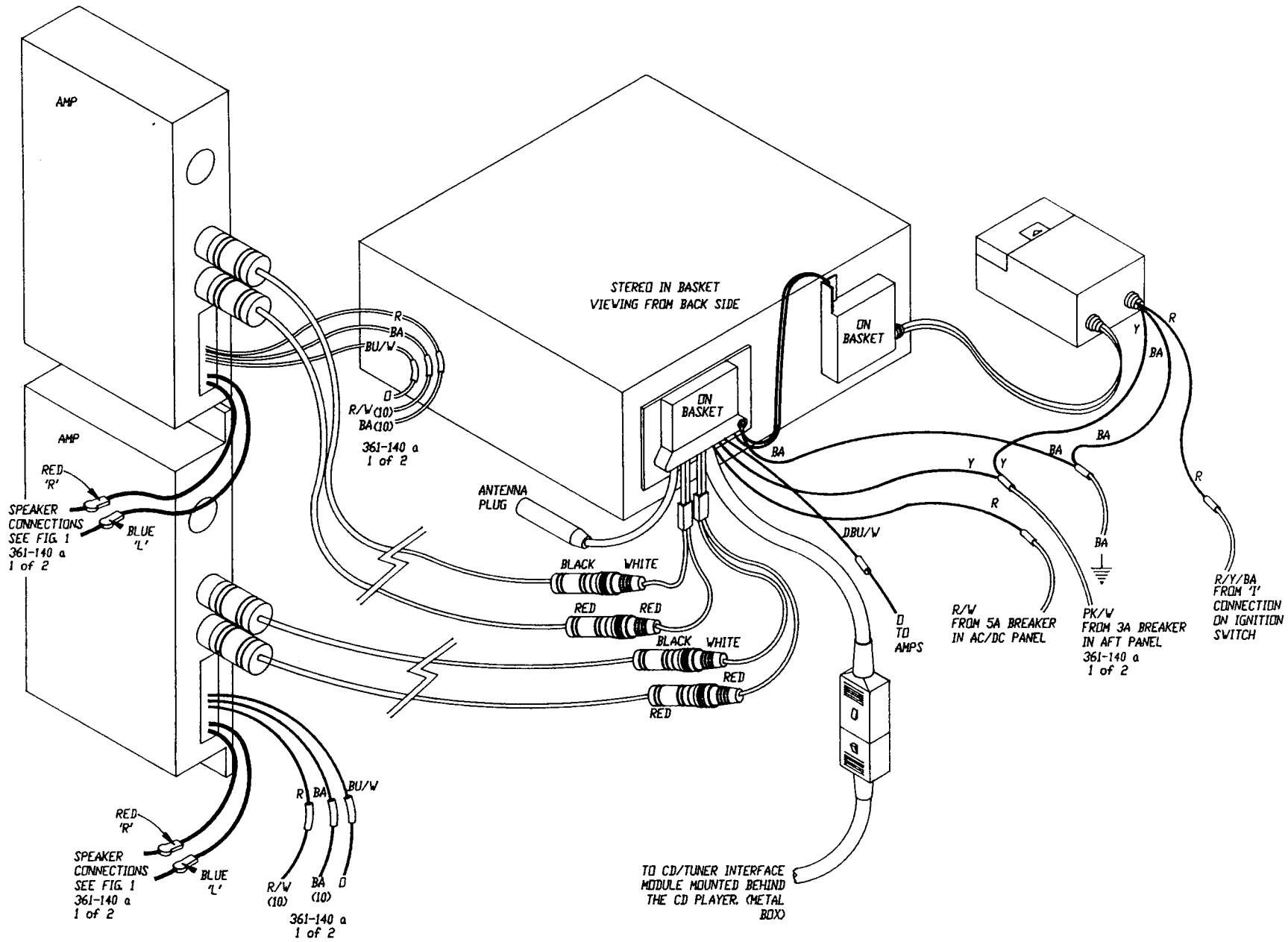
LEGEND

- 3 WIRE AC CONDUCTOR
- AC BREAKER/SWITCH
- SPLICE BOX
- TERMINAL BLOCK

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

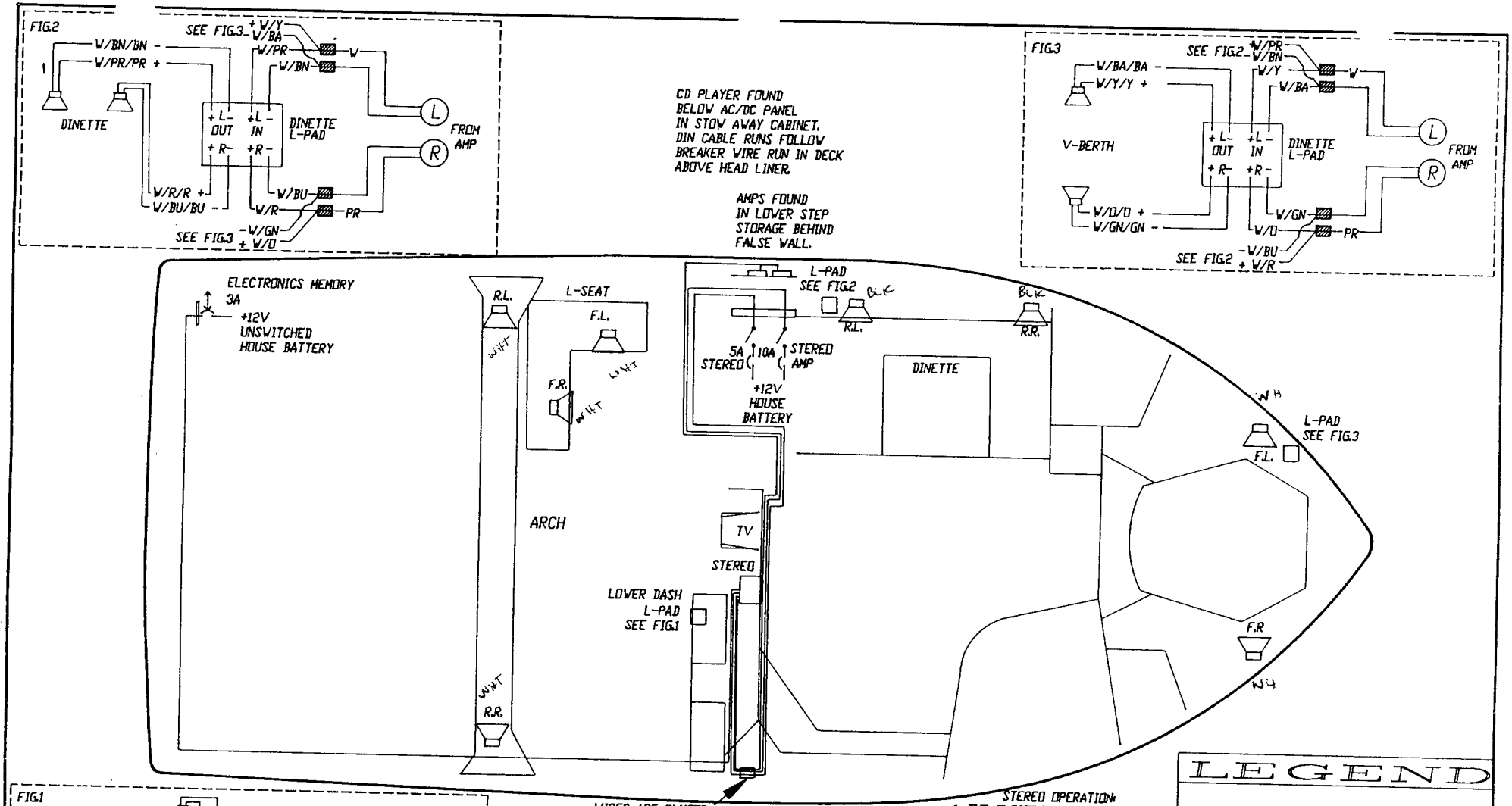
#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #
4					FROM HIN #	TO HIN #
3					FROM HIN #	TO HIN #
2					FROM HIN #	TO HIN #
1					FROM HIN #	TO HIN #

TITLE: F-36PC/EX
STOVE
(AC-DC PANEL / LOWER GALLEY)
DR BY: KKR | CH BY:
DATE: 1-9-91 | NO.: 360-110



NOTE: LOOKING FROM THE BACK SIDE.

THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: STEREO WITH AMP AND CD 36EX + 36FC
P.O. BOX 501	3					FROM HIN #	TO HIN #	
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	
(219) 724-9111	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY:
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 6-17-91 / NO.: 361-140 b



WIRES ARE PLUGED INTO PIGTAILS, THAT EXTEND THRU THE ENTERTAINMENT CENTER, BEHIND THE MICROWAVE WALL.

STEREO REMOVAL

1. TURN THE STARTING BATTERY SWITCH, FOUND IN THE AFT COCKPIT SEAT, TO ON.
2. AT THE INGNITION PANEL, TURN THE PORT IGNITION SWITCH TO ITS FIRST POSITION THEN OFF.
3. YOU NOW HAVE 15 SECONDS TO RETURN TO THE CABIN, LIFT THE HANDLE TO THE STEREO AND PULL IT FROM OUT OF THE BASKET IT IS MOUNTED.

STEREO OPERATION

1. THE ELECTRONICS MEMORY BREAKER IN THE AFT BREAKER PANEL MUST BE PUSHED IN.
2. THE MAIN 2, STEREO, AND AMP BREAKERS AT THE AC/DC PANEL MUST BE SWITCHED ON.
3. POWER IS NOW SUPPLIED TO THE STEREO AND CAN BE TURNED ON AT THE UNIT.
4. TO REDUCE THE VOLUME OF THE COCKPIT SPEAKERS ONLY, TURN THE L-PAD CONTROL, AT THE DASH, TOWARD THE '0'. THE L-PAD IN THE DINETTE WALL CONTROLS THE DINETTE SPEAKERS. THE L-PAD ON THE PORT AIRCRAFT LOCKER OF THE V-BERTH CONTROLS THE V-BERTH SPEAKERS.

LEGEND

- PUSH/PULL BREAKER
- DC BREAKER/SWITCH
- STEREO SPEAKER
- SPLICE — DR •
- GROUND

THUNDERBIRD PRODUCTS
P.O. BOX 501
DECATUR, IN 46733
(219) 724-9111

#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #
4					FROM HIN #	TO HIN #
3					FROM HIN #	TO HIN #
2					FROM HIN #	TO HIN #
1					FROM HIN #	TO HIN #

TITLE: STEREO WITH AMP AND CD

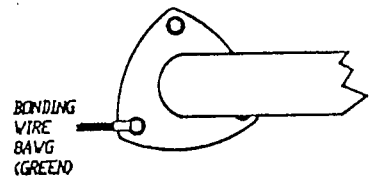
DR BY: KKR | CH BY:

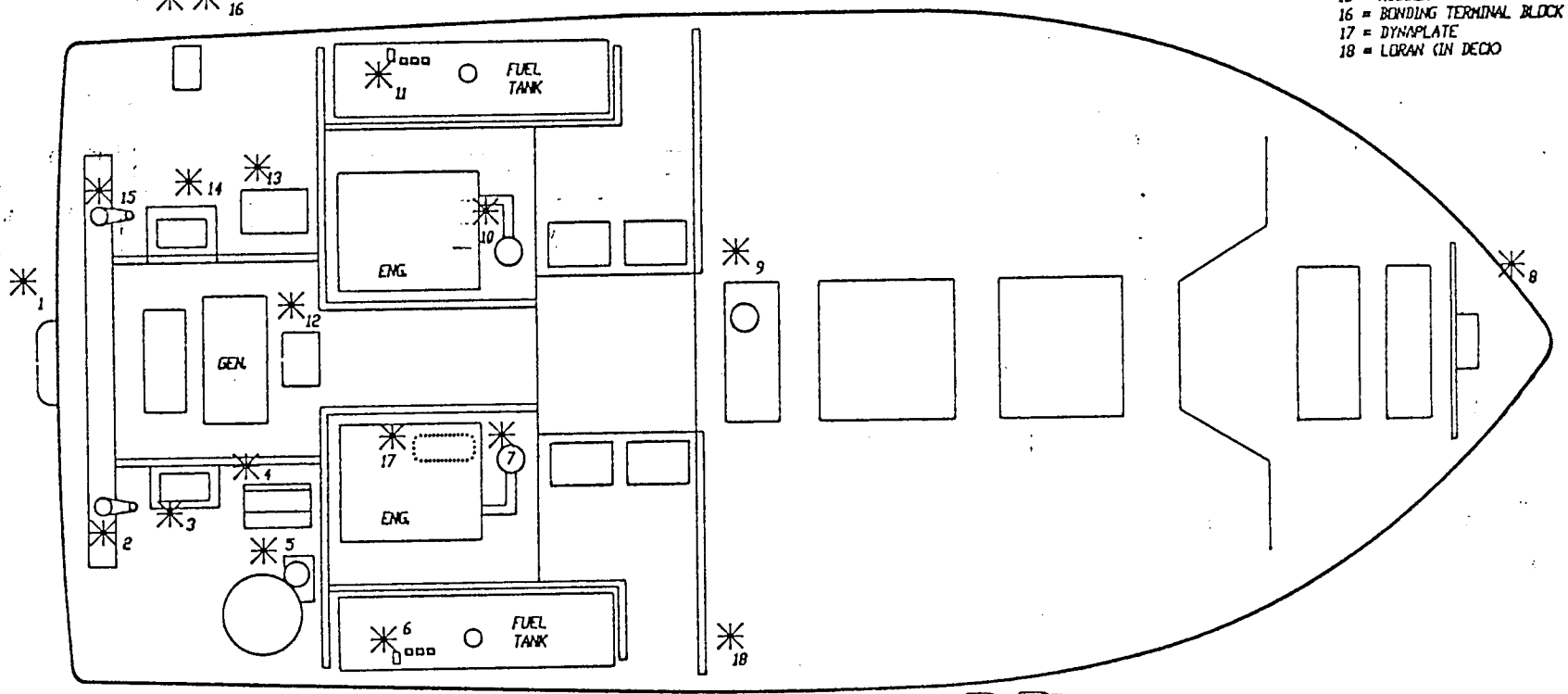
DATE: 6-17-91 | NO.: 361-140 b

1 = SACRIFICIAL ZINC
2 = RUDDER
3 = STRUT
4 = SHAFT LOG
5 = SEALAND PUMP OUT
6 = FUEL TANK
7 = ENGINE STRAINER
8 = WINDLASS MOTOR BOX
9 = AIR COND. STRAINER
10 = ENGINE STRAINER
11 = FUEL TANK
12 = GENERATOR STRAINER
13 = SHAFT LOG
14 = STRUT
15 = RUDDER
16 = BONDING TERMINAL BLOCK
17 = DYNAPLATE
18 = LORAN (IN DECK)

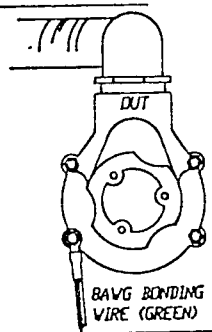
ALL CONNECTIONS END AT TERMINAL BLOCK. USE AN 8AVG WIRE TO JUMP FROM BONDING BLOCK (GREEN) TO GROUND BLOCK (BLACK).

SHAFT LOG

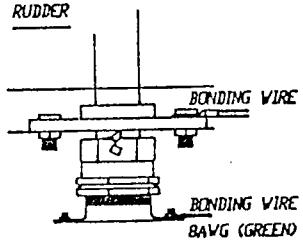




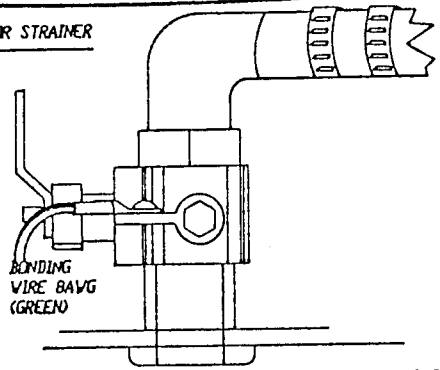
A/C AND ENG. STRAINERS



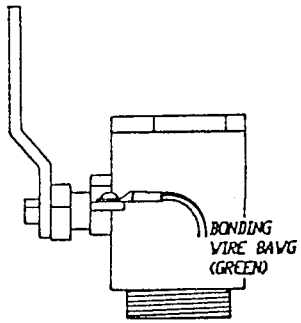
RUDDER



GENERATOR STRAINER



SEALAND PUMPOUT



THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN # •	TO HIN # •
	3					FROM HIN # •	TO HIN # •
	2					FROM HIN # •	TO HIN # •
	1					FROM HIN # •	TO HIN # •
	#	REVISIONS	DR	CH	DATE	FROM HIN # •	TO HIN # •

TITLE: F-36 BONDING OVERVIEW

DR BY: KKR CH BY:

DATE: 9/17/89 NO.: 36C-

NOTES:

WHAT TO DO IF:

1. THE BOAT EQUIPPED WITH A MERCATHODE READS MUCH LOWER THAN REQUIRED FOR PROTECTION. (IN STEP #11)

ANSWER: REMOVE ALL BATTERY NEGATIVE LEADS FROM THE RESPECTIVE BATTERIES. WHILE OBSERVING THE METER RECONNECT EACH BATTERY. THE METER SHOULD MOVE TO A HIGER NUMBER AS THE BATTERY FEEDING ITS RESPECTIVE 'MERCATHODE' IS RECONNECTED. (THE READING WILL CONTINUE TO CLIMB SLOWLY AFTER THE INITIAL SURGE). SHOULD NO CHANGE OCCUR WHEN RECONNECTING THE BATTERIES, INSPECT THE 'MERCATHODE' SYSTEM AND ITS WIRING FOR DEFECT.

2. THE BOAT EQUIPPED WITH A 'ZINC' ANODE AND BONDED TOGETHER READS TOO LOW (FREELY ERODING)(IN STEP #11)

ANSWER: RECALIBRATE YOUR METER AS PER STEPS 1 THROUGH 5 AND RETEST. SHOULD READINGS STILL APPEAR TOO LOW, VISUALLY CHECK THE 'ZINC' ANODE FOR A POOR CONNECTION TO THE BONDING SYSTEM.

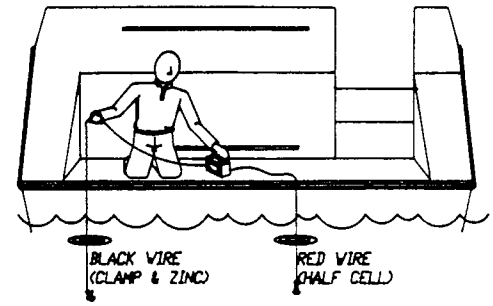
3. THE METER READING IS HIGHER AS SOON AS 'SHORE POWER' IS CONNECTED.

ANSWER: VISUALLY INSPECT THE 'ZINC SAVER' INSTALLED IN THE GREEN SAFETY GROUND LEAD BEHIND THE AC/DC PANEL. CHECK TO BE SURE IT IS IN-LINE WITH THE SHOREPOWER INPUT LINE GREEN GROUND. IF IT IS NOT, RECONNECT THE CIRCUIT PER ENGINEERING CHANGE DIRECTIONS AND DRAWINGS.

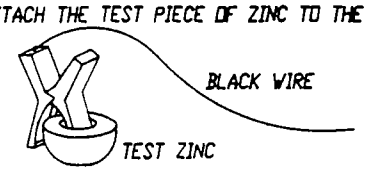
* IF SWITCHING ON AN AC BREAKER RESULTS IN AN INCREASED READING ALL WIRING ASSOCIATED WITH THAT DEVICE AS WELL AS THE DEVICE ITSELF MAY BE SUSPECT AND SHOULD BE VISUALLY AND ELECTRICALLY INSPECTED.

BONDING WORKSHEET

PREPARATION ☐ BATTERIES READ AT LEAST 12.3 VOLTS.
☐ SHOREPOWER PLUGGED IN
☐ MERCATHODE BREAKERS PUSHED IN
☐ WATER HEATER FILLED

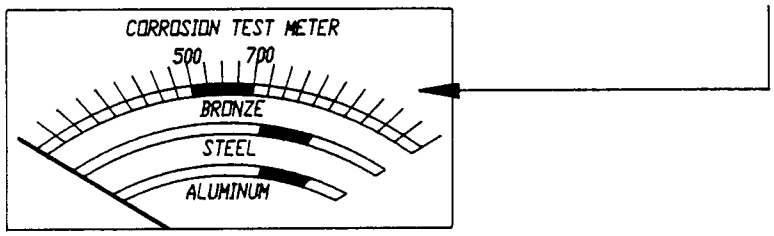


1. ATTACH THE TEST PIECE OF ZINC TO THE BLACK HANDLED CLAMP AND LOWER INTO BODY OF WATER



2. LOWER THE WHITE PLASTIC HALF CELL (RED WIRE) INTO THE WATER

3. READ THE TOP NUMERICAL SCALE OF THE CORROSION TEST METER AND WRITE IT DOWN. _____



4. DIVIDE ZINCS FREELY ERODING VALUE (1050) BY THE READING NOTED IN STEP 3. ANSWER: _____

FREELY ERODING ZINC VALUE 1050 = _____

READING TAKEN IN STEP 3 _____

REMOVE TEST ZINC FROM CLAMP.
ENTER BOAT'S BILGE COMPARTMENT AND ATTACH THE CLAMP TO EACH POINT IN BILGE THAT IS TO BE BONDED. RED LEAD WITH HALF CELL REMAINS IN THE WATER.
NOTE YOUR READINGS BELOW.

GROUND BLOCK _____
ENGINE BLOCK _____
TRANSOM ASSEMBLIES _____
BOW EYES (BELOW SWIM PLATFORM MOUNTING) _____
TRANSOM DRAIN _____
SEACOCKS _____
STRUTS _____
SHAFTS _____
SHAFT LOGS _____
RUDDERS _____

7. COMPARE ALL VALUES NOTED. THEY SHOULD READ THE SAME.
* IF ANY DEVICE IS HIGHER OR LOWER THAN THE REST, THAT PIECE SHOULD BE VISUALLY CHECKED FOR A PROPER BONDING CONNECTION.
(BONDING CONNECTIONS ARE LT.GREEN WIRE)

8. RE-ATTACH THE BLACK CLAMP TO THE NEGATIVE BATTERY LEAD LUG.

9. HAVE AN ACCOMPLICE SWITCH OFF ALL BREAKERS BUT THE MAINS. (BE SURE YOU ARE PLUGGED INTO SHORE POWER WHERE APPLICABLE)

10. WHILE OBSERVING THE METER, HAVE AN ACCOMPLICE SWITCH ON AND OFF THE AC BREAKERS ONE AT A TIME. MAKE NOTE OF ANY CHANGES IN THE METER READING. IF ANY, NOTE THEM AND TO WHICH APPLIANCE BREAKER THEY OCCURED. (AN INSTANTANIOUS MOVEMENT OF THE NEEDLE WHEN A BREAKER IS SWITCHED ON IS ACCEPTABLE AS LONG AS THE NEEDLE RETURNS TO THE SAME POINT AT WHICH IT STARTED.) REPEAT THIS PROCEDURE WITH THE DC BREAKERS.
* A CHANGE IN READINGS MAY INDICATE STRAY CURRENT PRESENT. (HIGHER READING) THE EQUIPMENT RESPONSIBLE MUST BE CHECKED AND THE CIRCUIT TRACED TO ELIMINATE THE STRAY CURRENT.

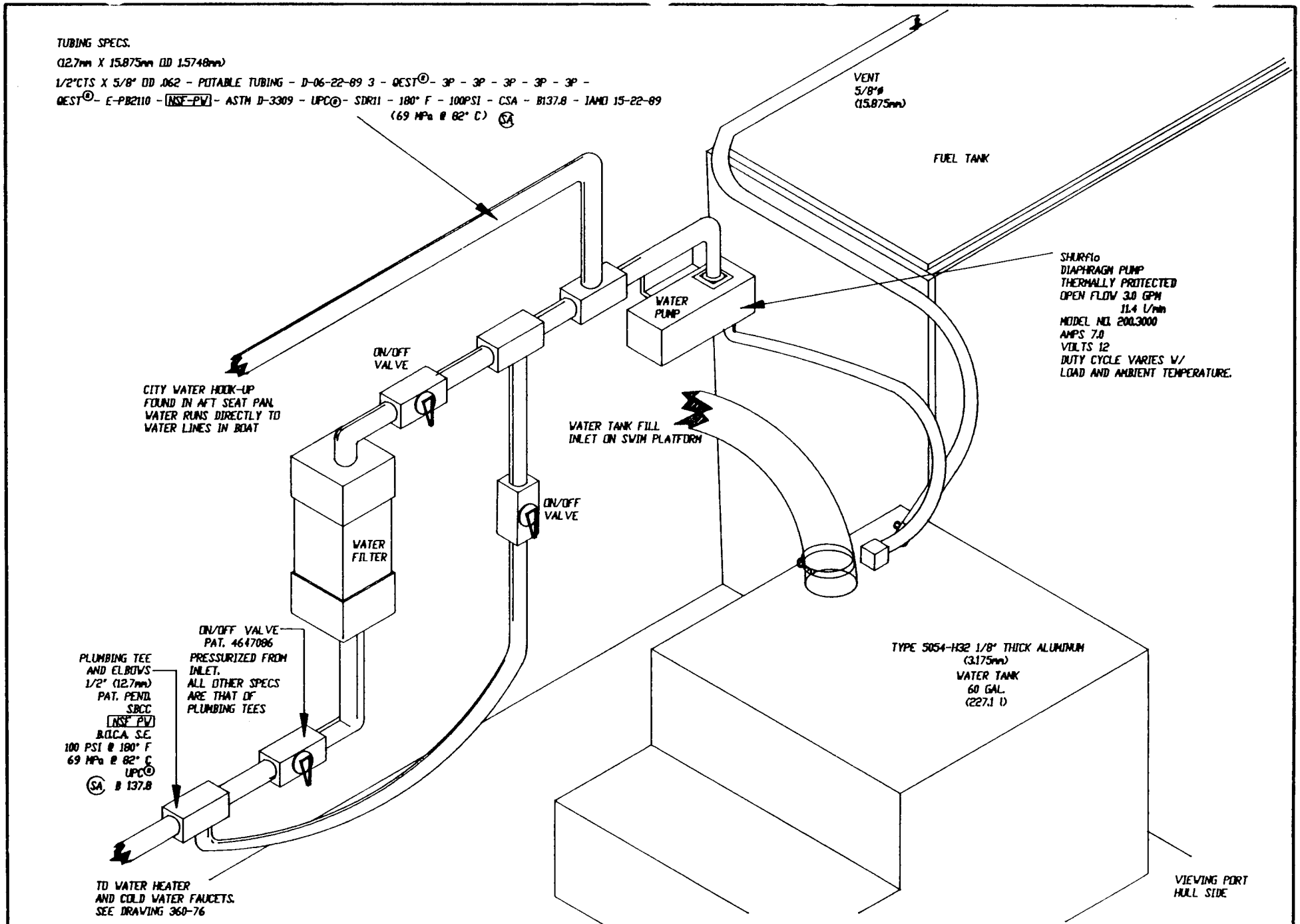
11. MULTIPLY THE NUMBER FOUND IN STEP #6 (RECALL ALL READINGS SHOULD BE THE SAME) BY THE ANSWER IN STEP #4. ANSWER: _____

_____ STEP #6 NUMBER

X _____ STEP #4 ANSWER

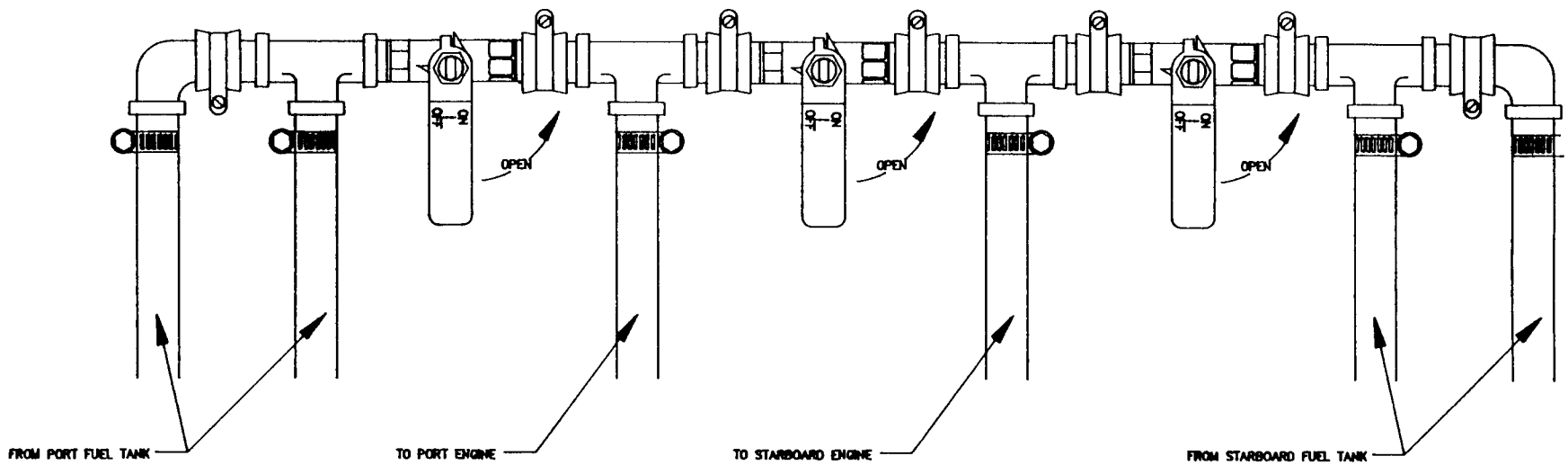
_____

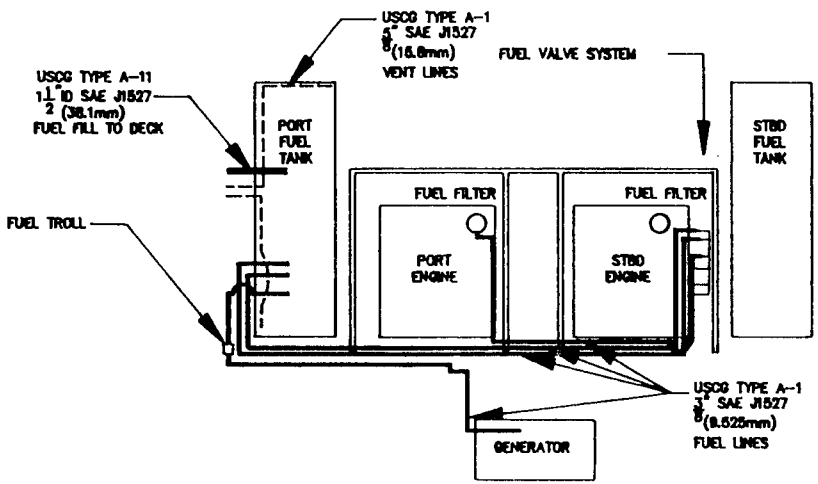
12. OBSERVE THE METER FACE AND FIND THE NUMBER ALONG THE TOP SCALE WHICH MATCHES THE ANSWER TO STEP #11. LOOK DOWN THE METER FACE TO THE APPROPRIATE SCALE: BRONZE = F-36'S
ALUMINUM = ALL OTHER MODELS
YOU SHOULD FIND THE VALUE TO FALL IN THE GREEN (PROTECTED) PORTION OF THAT SCALE.
* ALL BOATS PROTECTED WITH MERCATHODE SYSTEM MAY READ SLIGHTLY BELOW "PROTECTED" BECAUSEOF THE TIME REQUIRED FOR THE SYSTEM TO STABLIZE.



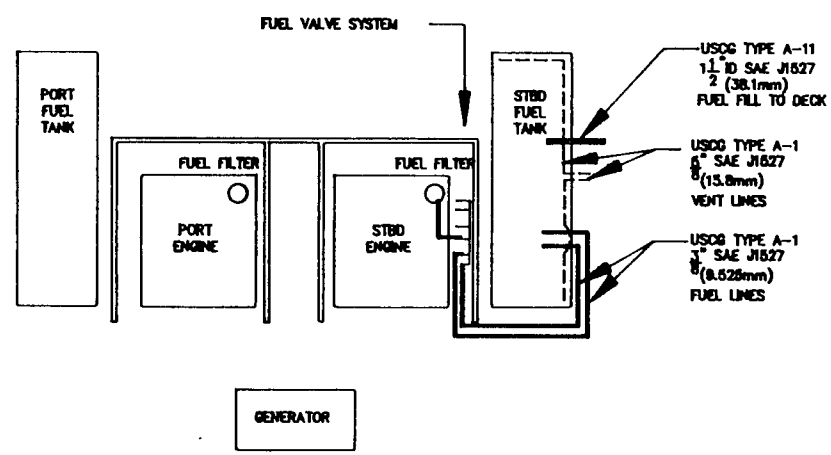
THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: F- 36 PC BYPASS AND INLET ASSEMBLY (PLUMBING)
P.O. BOX 501	3					FROM HIN #	TO HIN #	
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	
(219) 724--9111	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: RE
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 12-18-89 / NO.: 360-120 a

FUEL VALVE SYSTEM
F-36 PC / F-36 EX





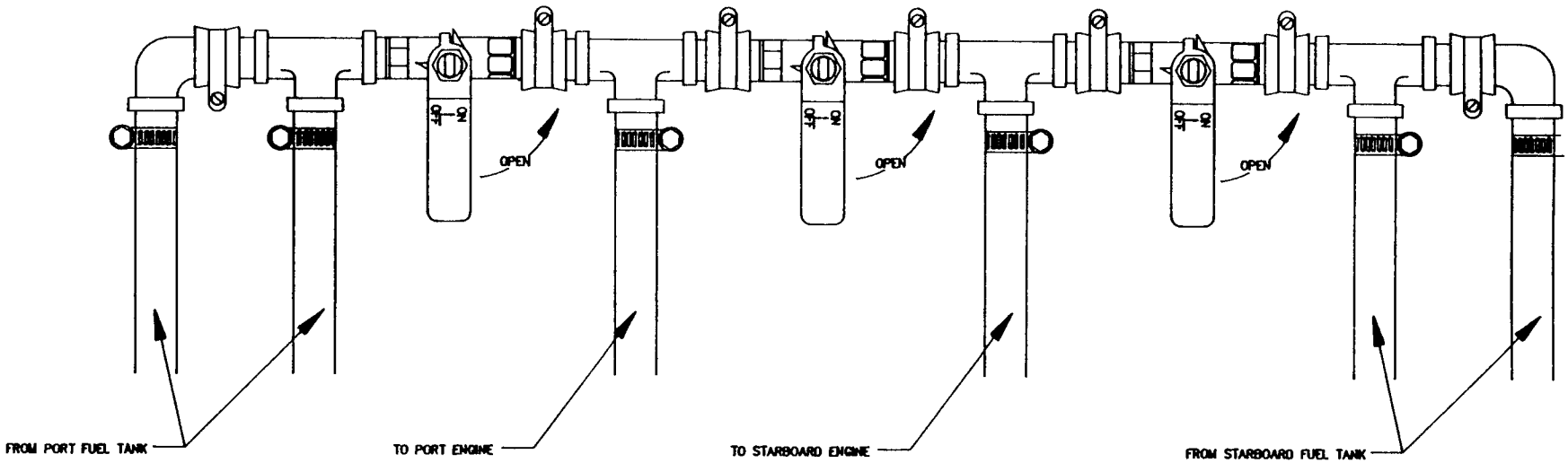
PORT LINES

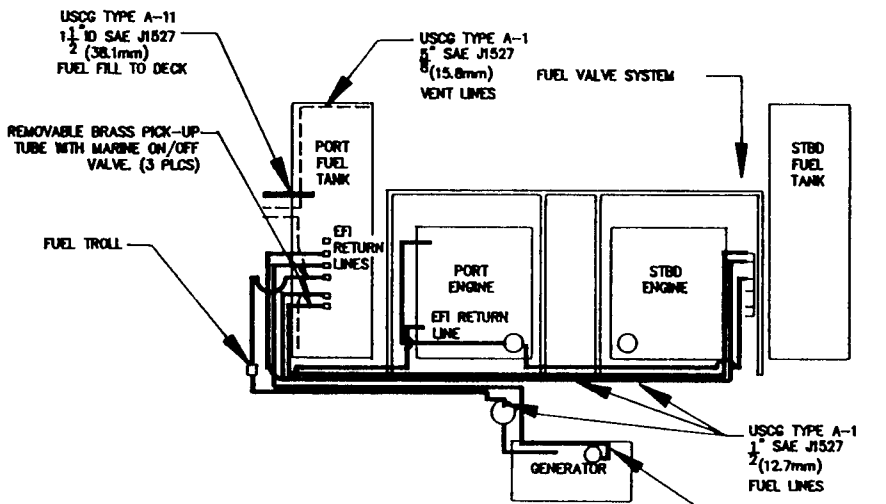


STARBOARD LINES

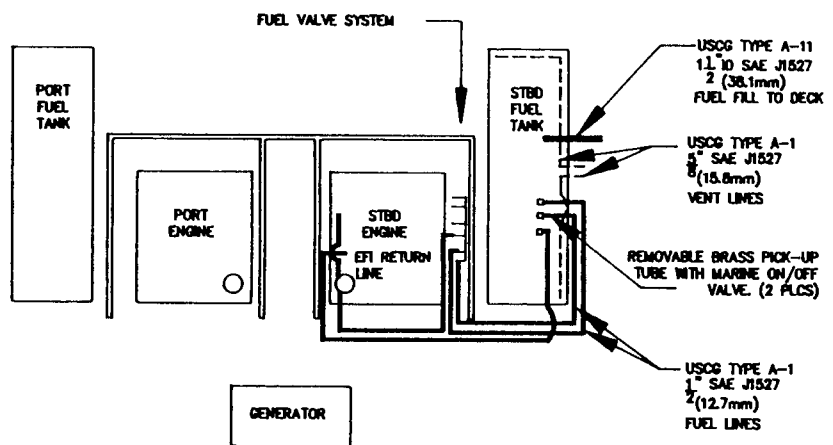
THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE:
P.O. BOX 501	3					FROM HIN #	TO HIN #	F-36 PC/EX FUEL DIAGRAM (GAS)
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	
(219) 724-9111	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: RE
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 11-28-00 / NO.: 360-130 a

FUEL VALVE SYSTEM
F-38 PC / F-38 EX





PORT LINES

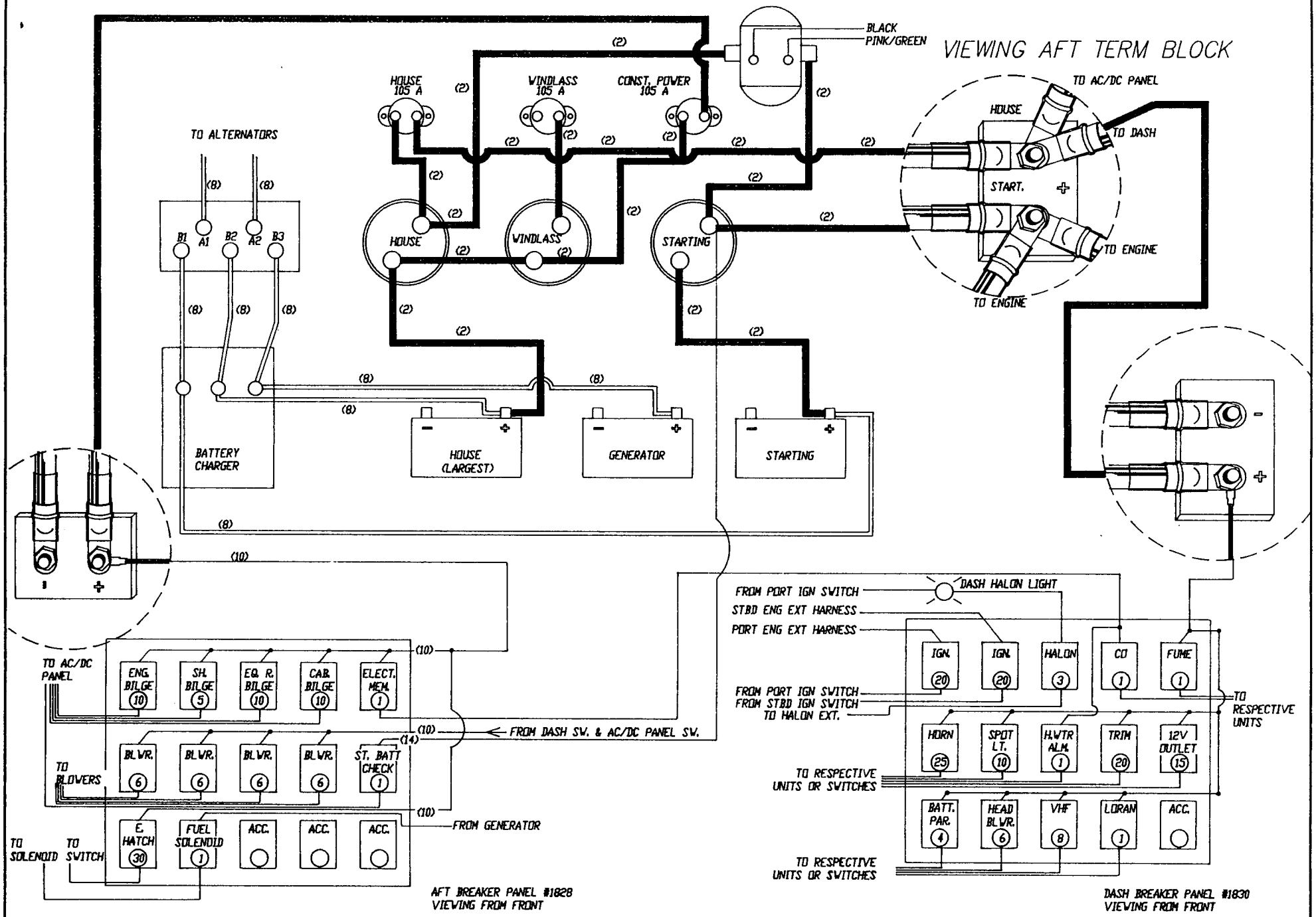


STARBOARD LINES

LEGEND

FUEL TROLL	□
FUEL FILTER	○

THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #	TITLE: F-38 PC/EX FUEL DIAGRAM (DIESEL)
	3					FROM HIN #	TO HIN #	
	2					FROM HIN #	TO HIN #	
	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY: RE
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 11-28-89 / NO.: 380-130 b

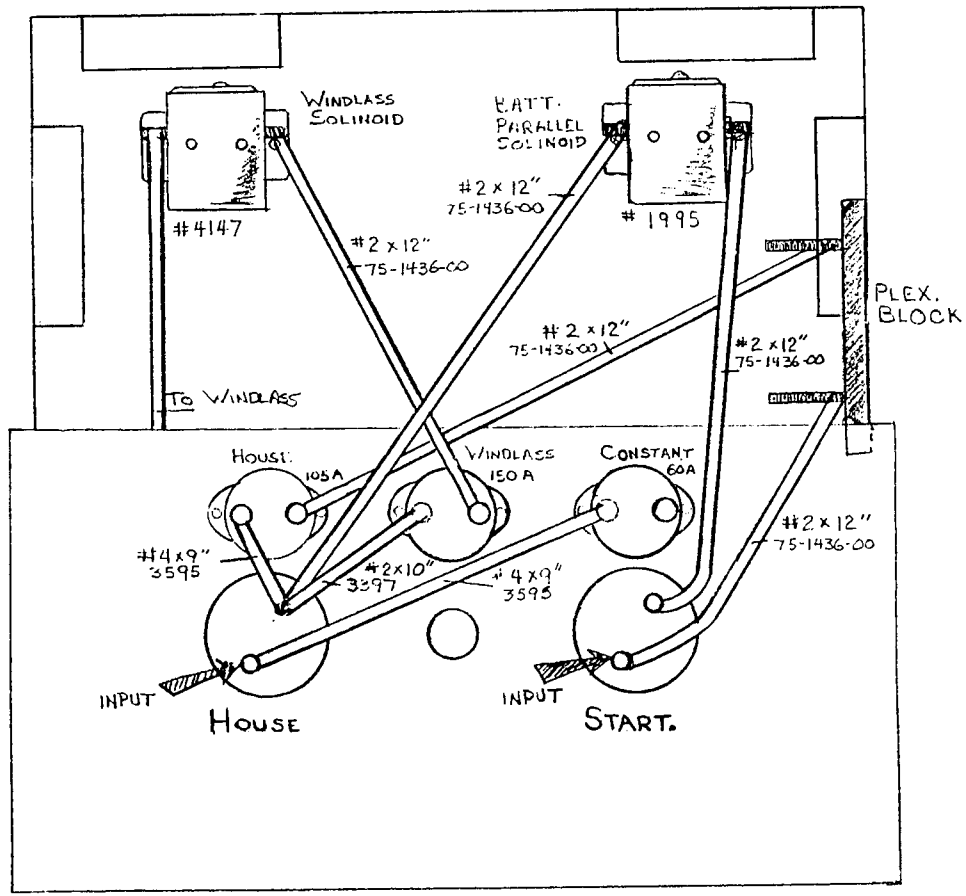


THUNDERBIRD PRODUCTS P.O. BOX 501 DECATUR, IN 46733 (219) 724-9111	4					FROM HIN #	TO HIN #
	3					FROM HIN #	TO HIN #
	2					FROM HIN #	TO HIN #
	1					FROM HIN #	TO HIN #
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #

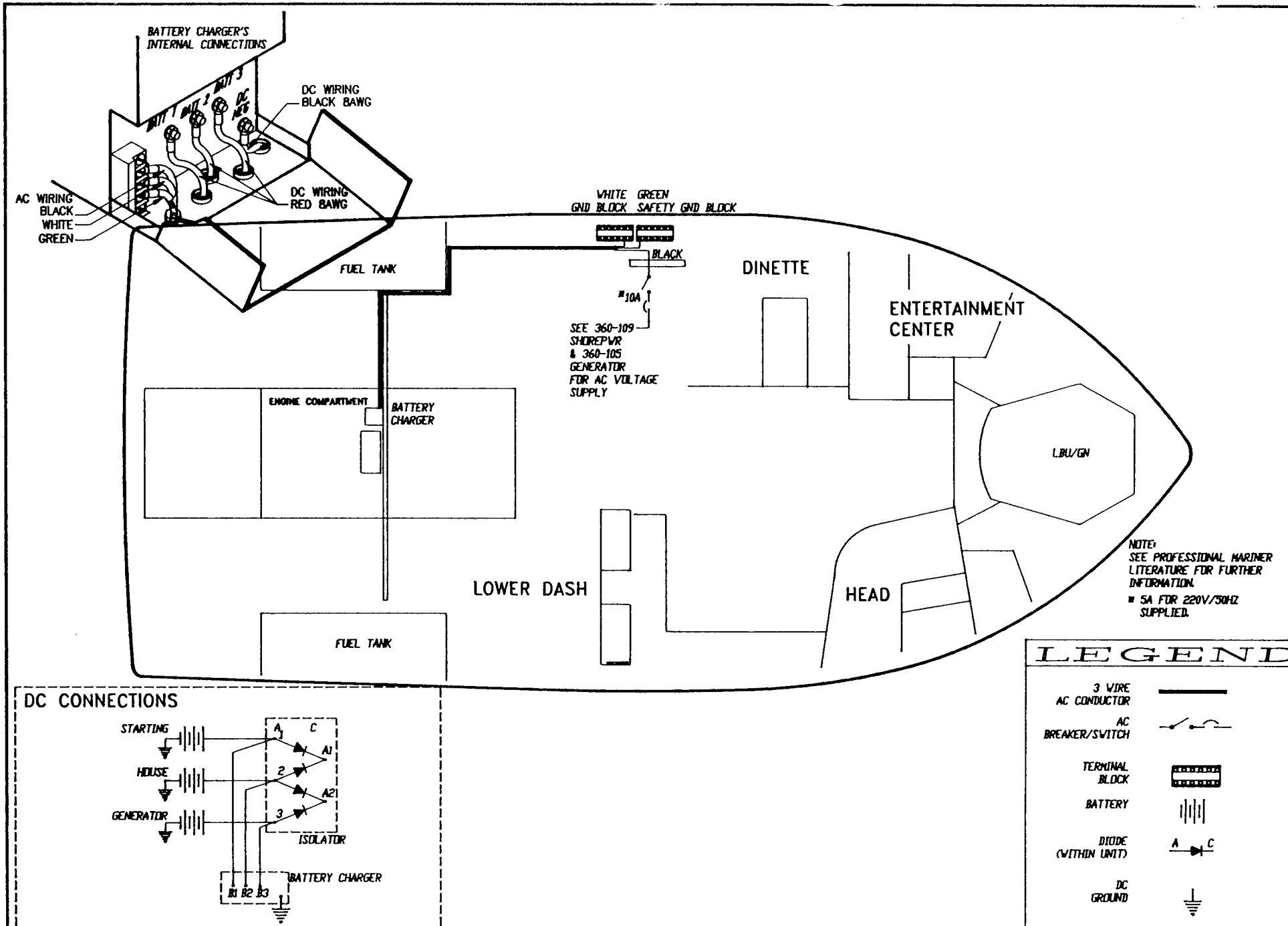
TITLE: F- 36 PC/EX PARALLEL BATTERY WIRING SYSTEM

DR BY: KKR | CH BY: MC

DATE: 6/27/89 | NO.: VS-421



THUNDERBIRD PROD. P.O. BOX 501 DECATUR, IN 46733	TITLE BATTERY SELECTOR BOX F-36 PC & EX THUNDERBIRD PART NO.	DR BY JRE CK BY	SCALE DATE 12-14-89	TOLERANCES UNLESS SPC.	3 2 1				MATERIALS VS - 446
					REV	BY	CK	DRW	



THUNDERBIRD PRODUCTS	4					FROM HIN #	TO HIN #	TITLE: ABBSEC/EX
P.O. BOX 501	3					FROM HIN #	TO HIN #	BATTERY CHARGER
DECATUR, IN 46733	2					FROM HIN #	TO HIN #	(AC-DC PANEL/ENG. COMP.)
(219) 724-9111	1					FROM HIN #	TO HIN #	DR BY: KKR / CH BY:
	#	REVISIONS	DR	CH	DATE	FROM HIN #	TO HIN #	DATE: 5-31-90 / NO.: 360-102