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DWG. NO:  
09201

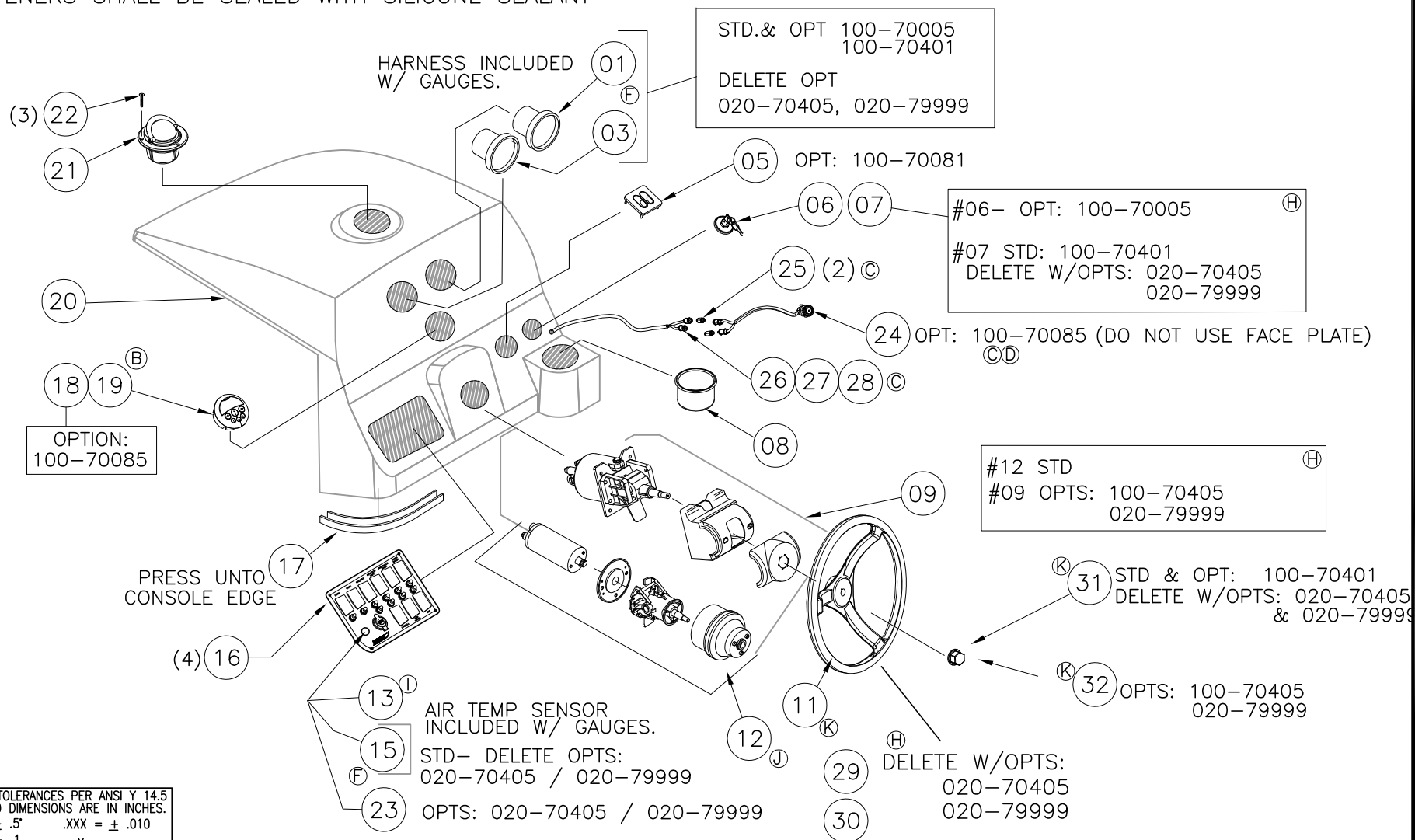
REV.  
K

CURRENT ECD  
08045216

NOTES:

- 1- USE FIXTURES FOR ALL CUTOUTS
- 2- PAINT ALL COUTOUTS W/CATALYZED GELCOAT
- 3- REFER TO DWG. 05109 FOR LAMO DETAILS
- 4- REFER TO DWG. 16109 FOR HOLE CUT DETAILS
- 5- ALL FASTENERS SHALL BE SEALED WITH SILICONE SEALANT

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
G	CHANGED PN# ITEM 24, SHEET 2. WAS 1849383	SLJ	04/04/07	AVM	07044121
H	MYE '08: PG 1 CHANGED OPTS FOR ITEMS 6,7,9,12,29,30; PG 2 ADDED ITEMS 29,30	JAH	05/16/07	MG	07044290
I	MYE "09" PANEL # 13 WAS 1806614	SLJ	05/12/08	DH	08045161
J	MYE "09" ITEM #12 WAS 1772666	SLJ	05/12/08	DH	08045172
K	MYE "09" ITEM #11 WAS 1733948, ADDED ITEMS 31 & 32. DELETED ITEM 10	SLJ	05/12/08	DH	08045216



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
 TOLERANCES: ANGLES = ± .5°    .XXX = ± .010  
 .X = ± .1    X = ± 1/16  
 .XX = ± .03    X

DO NOT SCALE DRAWING



CHECKED: A.DALE	DATE: 12/02/05	DRAWN: S.HIESTER	DATE: 12/02/05	SCALE:	BOAT MODEL: 210VT06	MOLD NO.: 22K24400
APPD: K.RANIERI	DATE: 12/05/05	DWG. TITLE: CONSOLE SUB-ASSY			INIT. REL. ECN NO.: 051040	DWG. NO.: 09201
DESIGN: V.KNIGHT	DATE: 12/05/05					SHT. NO.: 1 OF 2
INT. ENG: M.GATICA	DATE: 12/05/07					

Parts List

ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO
Ⓕ	1	EA.	GAUGE, TACH SC1000 SYS W/DESCRIPTIVE TEXT	1851091
Ⓕ	2	EA.	HARNESS, ENG SC1000 SYS TACH/MONITOR 3'	1790320
Ⓕ	3	EA.	GAUGE, SPEEDO SC1000 SYS W/DESCRIPTIVE TEXT	1851090
Ⓕ	4	EA.	HARNESS, SC1000 SYS SPEED 3'	1790321
	5	EA.	TRIM TAB, ASSY 9X9 W/POTTED SW BW-05	1782251
	6	EA.	SWITCH, IGN ASSY 4-POSITION W/HOUSING	1801954
Ⓔ	7	EA.	ACC PART, MERC SGL PNL CMM KIT GEN I	1849605
	8	EA.	DRINKHOLDR, PLAS W/DRAIN DEEP XLG SZ BLK	1727419
	9	EA.	STEERING, HELM PUMP SEA STAR I TILT	0317032
Ⓕ	10	EA.	EMBLEM, BW STEERING WHL CAP	1021054
Ⓕ	11	EA.	STEERING WHEEL, 13.5" EVO PRO 3SPKE SS BLK GR	1940285
Ⓖ	12	EA.	STEERING, HELM PUMP MERC 40 CM3 TILT (NEW)	1942930
Ⓖ	13	EA.	PANEL, BW210VT-09 SW	1944488
Ⓕ	14	EA.	ACC PART, MERC S-CRFT AIR TEMP SENSOR	1690376
	15	EA.	SPACER, PLAS AIR TEMP SENSOR MERC ORNG	1795151
	16	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925
	17	FT.	TRIM, EDGE PEARL MOTOR BOX SMALL	1156355
	18	EA.	STEREO, REMOTE CNTRL W/DIG DSPLY FOR CMD4 BLK	1803894
Ⓕ	19	EA.	CABLE, CLARION REMOTE EXTENSION CABLE 24'	1312750
	20	EA.	FIBERGLASS CONSOLE	22-K244-00
	21	EA.	COMPASS,FLSHMT 3 7/8" BLK WT HSE/GREEN LT	1791615
	22	EA.	SCREW, TAPPING #6A X 1/2" PFH SC	1010362
	23	EA.	PLUG, HOLE 3/4" BLK 2683-HEY	1792419
ⒼⒻⒸ	24	EA.	VIDEO EQUIPMENT, AUXILIARY INPUT MA-AUX2	1850253
Ⓒ	25	EA.	ADAPTER, STEREO FEMALE/FEMALE	0956078
Ⓒ	26	EA.	CABLE, RCA AUDIO 6' W/EFX-2 CONN W/NOISE SUPP	1750880
Ⓒ	27	EA.	HEAT SHRINK, TUBING RED 3/4"X 6"	1042274
Ⓒ	28	EA.	HEAT SHRINK, TUBING BLK 3/4"X 6"	0999839
Ⓕ	29	EA.	STEERING, ELBOW BR 11/16"ORFS FEMALE X MALE	1804872
Ⓕ	30	EA.	ACC PART, MERC SGL PNL CMM KIT GEN I	1849605
Ⓕ	31	EA.	STEERING, NUT M12-1.75 CAST SS W/BW LOGO	1808064
Ⓕ	32	EA.	STEERING, NUT 758 CAST SS W/BW LOGO	1815982



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DO NOT SCALE DRAWING

DRAWN: S HIESTER

DATE: 12/02/05

SCALE:

BOAT MODEL

MOLD NO.

210VT06

22K24400

DWG. TITLE:

CONSOLE SUB-ASSY

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

051040

09201

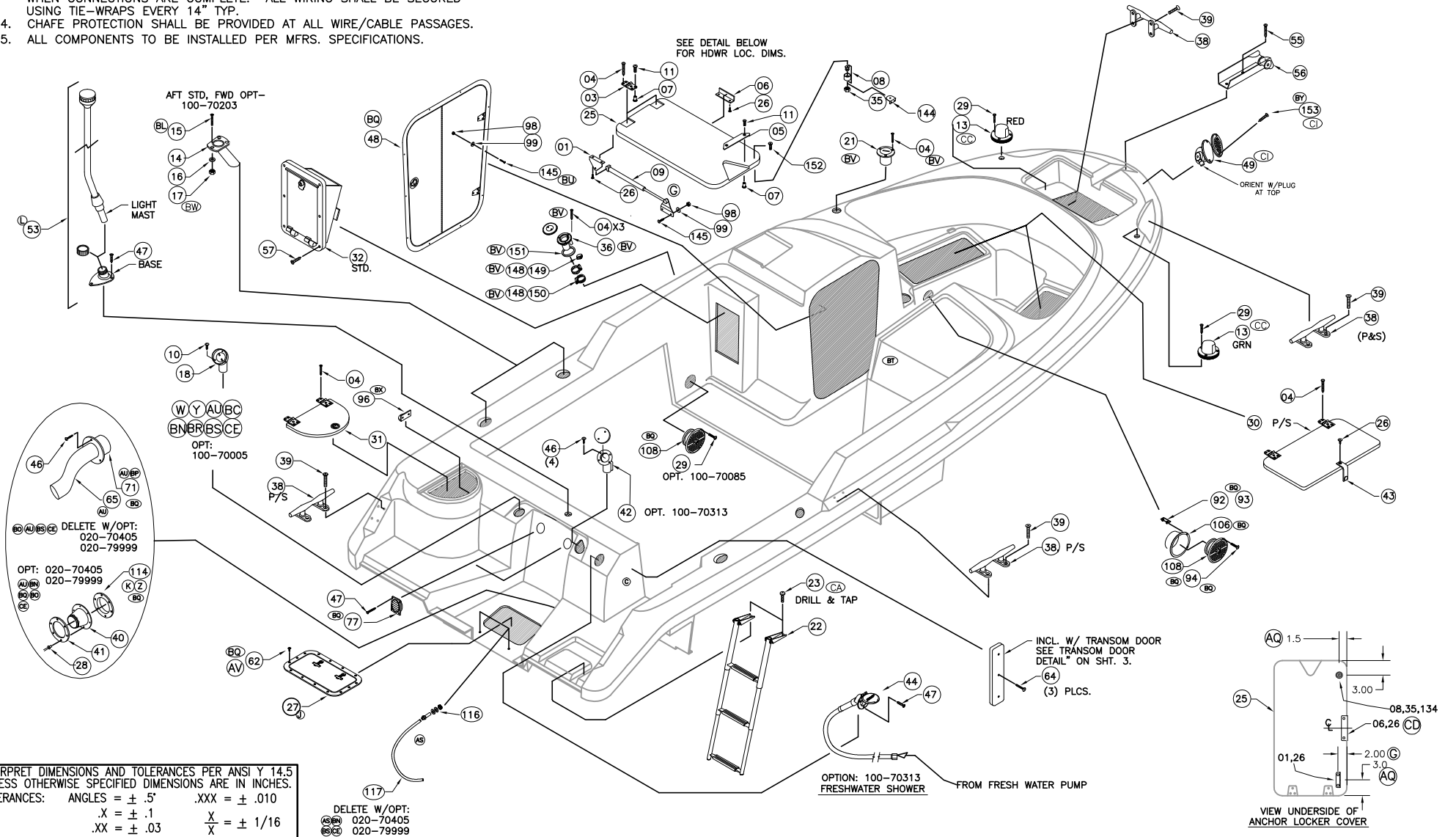
2 OF 2

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DWG. NO: 06200  
 REV. CK  
 CURRENT ECD 08095526

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
CI	MVE "09" ITEM # 49 WAS 1780938, DELETED #50, QTY #105 WAS 6, ADDED #153	SLJ	05/12/08		08045161
CJ	CHANGED PT#1355585,1109370 TO 1911342,996371	TJ	7/15/08	AF	08055263
CK	INVERTED WATER FILTER TO A DOWNWARD POSITION	TJ	10/28/08	AF	08095526

- ALL HOSE & LINE ROUTINGS SHALL COMPLY WITH NMMA, USCG STDS. & ABYC RECOMMENDATIONS. SECURE EVERY 14" TYPICAL.
- ALL BILGE COMPONENT HOSES SHALL BE DOUBLE CLAMPED WITH CLAMP SCREWS 180 DEG. TO EACH OTHER.
- ALL ELECTRICAL CONNECTIONS SHALL BE SPRAYED W/ T-9 PROTECTANT WHEN CONNECTIONS ARE COMPLETE. ALL WIRING SHALL BE SECURED USING TIE-WRAPPS EVERY 14" TYP.
- CHAFE PROTECTION SHALL BE PROVIDED AT ALL WIRE/CABLE PASSAGES.
- ALL COMPONENTS TO BE INSTALLED PER MFRS. SPECIFICATIONS.



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 .XX = ± .03 X = ± 1/16  
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DELETE W/OPT:  
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 020-79999

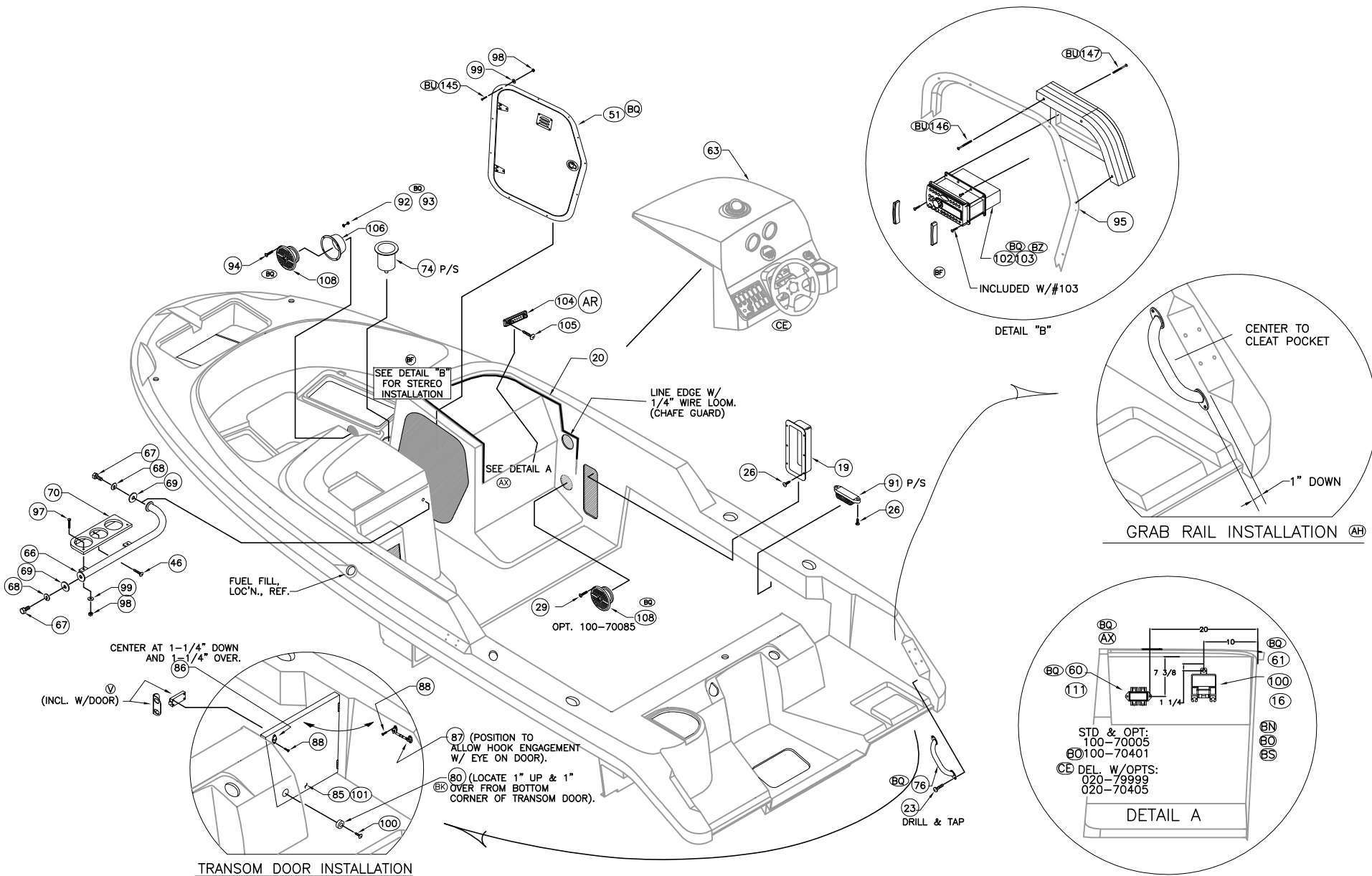
 <p>PRODUCT DEV. &amp; MFG. ENGINEERING GROUP</p>	CHECKED: J. MILLER	DATE: 10/22/99	DRAWN: R. DURHAM	DATE: 10/22/99	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: M. MITCHELL	DATE: 6/20/00	DWG. TITLE:			210VT	18J96702
	DESIGN: J. MILLER	DATE: 10/22/99	Deck Assembly			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: L. SCHOLZ	DATE: 10/22/99				R8007	06200
							SHT. NO.
							1 OF 6

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DWG. NO:  
06200

REV.  
CK

CURRENT ECD  
08095526



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 .X = ± .1 X = ± 1/16  
 .XX = ± .03  
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DRAWN: R.DURHAM DATE: 10/22/99 SCALE: NONE  
 DWG. TITLE:  
 Deck Assembly

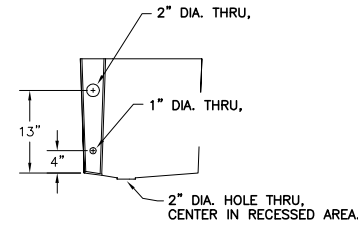
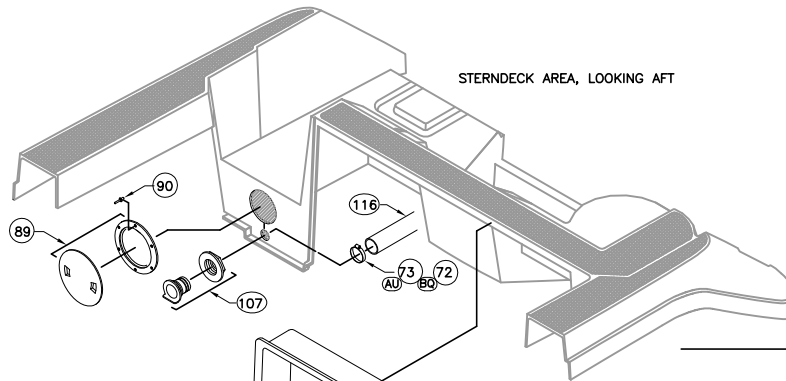
BOAT MODEL 210VT	MOLD NO. 18J96702
INIT. REL. ECN NO: R8007	DWG. NO: 06200
SHT. NO. 2 OF 6	

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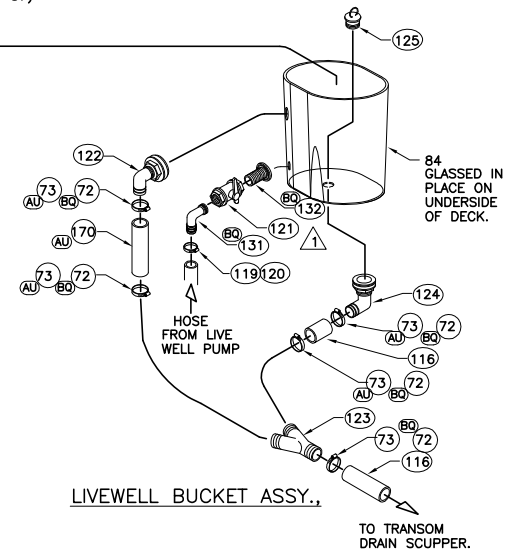
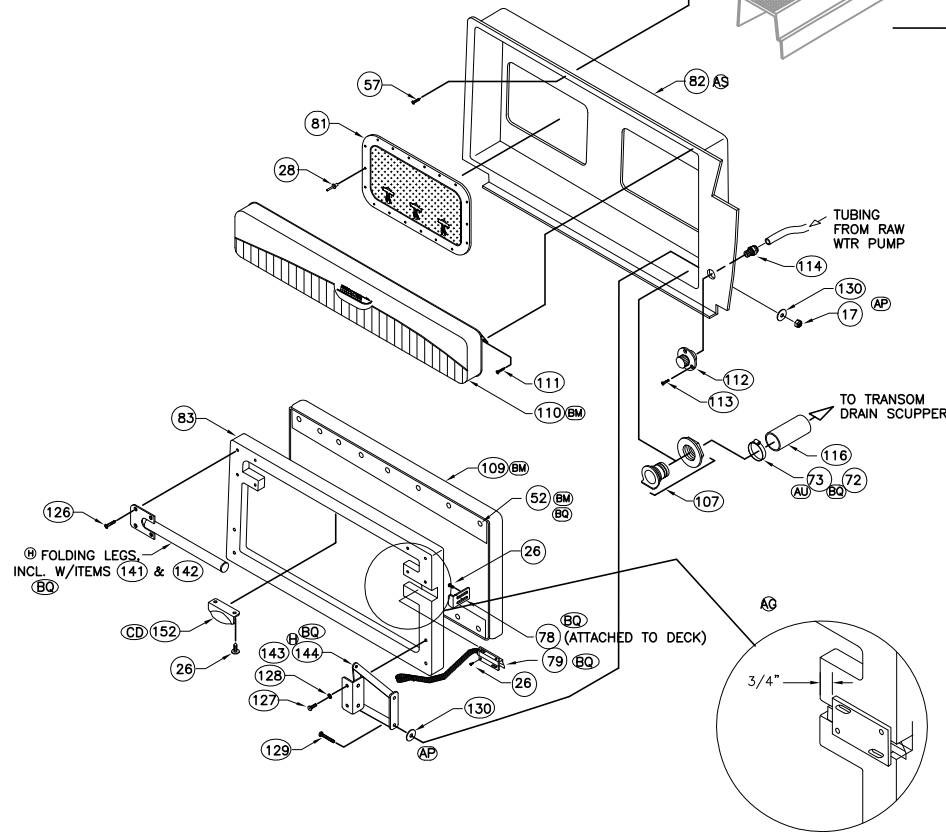
DWG. NO:  
06200

REV.  
CK

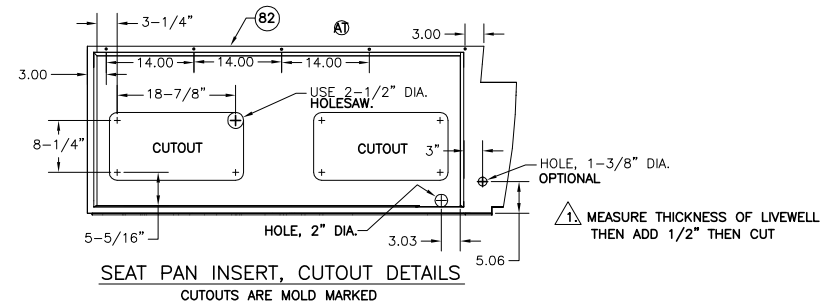
CURRENT ECD  
08095526



STORAGE & LIVEWELL  
BUCKET CUTOUTS, LOOKING AFT  
(USE FIXTURE: 21-37)



LIVEWELL BUCKET ASSY.,



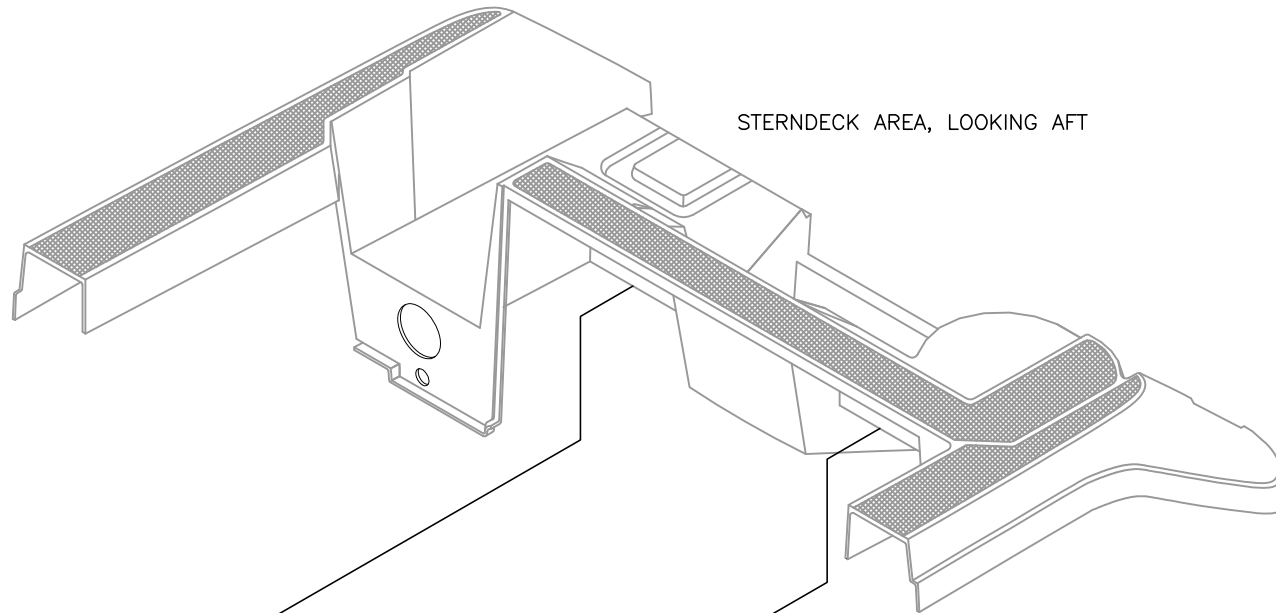
SEAT PAN INSERT, CUTOUT DETAILS  
CUTOUTS ARE MOLD MARKED

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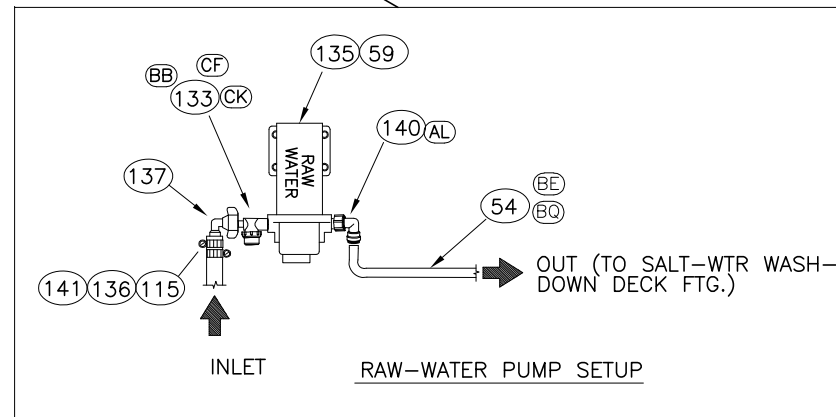
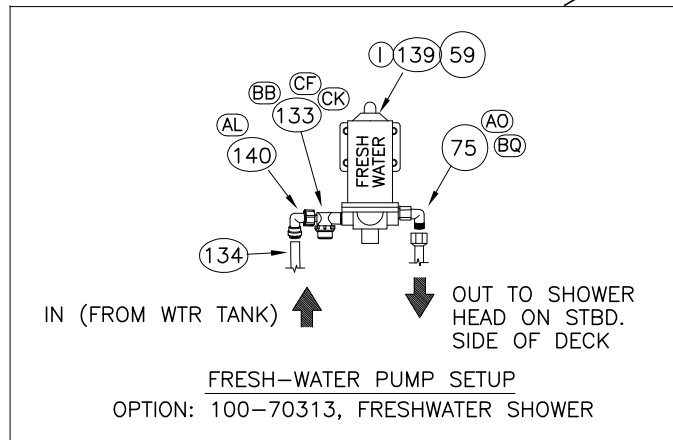
DWG. NO:  
06200

REV.  
CK

CURRENT ECD  
08095526




STERNDECK AREA, LOOKING AFT



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DWG. NO: 06200  
 REV. CK  
 CURRENT ECO 08095526

BILL OF MATERIAL				
ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA.	BRACKET, SS LIFT CYL. 90 DEG.	0817676
02	1	EA.	BRACKET, SS LIFT CYL OFFSET W/STUD	0995084
03	6	EA.	HINGE, DOOR SS 1.5" x 3"	1617323
(BV) 04	46	EA.	SCREW, TAPPING #10A x 1" POH SC	1008507
05	1	EA.	HANDLE, SS BW-210R-97 HATCH	1014455
(CD) 06	1	EA.	FRAME, BW-08 EDGE GUARD SS	1887724
07	8	EA.	NUT, BBL #10-24 x 3/8" FH	1040187
08	1	EA.	STOP, DOOR HOLDER RBR BLUE	1142348
09	1	EA.	CYLINDER, GAS 20PSI 10"EXT x 7"COMP	1253236
10	18	EA.	SCREW, TAPPING, #8A x 5/8" PTH SC	1010925
11	8	EA.	SCREW, MACHINE #10-24 x 5/8" POH SC	1010545
12	2	EA.	SCREW, TAPPING #6A x 5/8" PFH SC	1010396
(CC) 13	1	PR.	LIGHT, NAV LED SURF HORIZ MT SS	1888325
14	2	EA.	ROD HOLDER, FLUSH MNT SS W/BW-05 LOGO	1799571
15	6	EA.	SCREW, MACHINE 1/4-20 x 1.75" POH SC	0133744
16	9	EA.	WASHER, FLAT 1/4" SC	1260769
(CA)(BV) 17	12	EA.	NUT, LOCK #1/4-20 SC STD PATT	1009786
18	1	EA.	ACC PART, MERC OIL FILL KIT (DECK)	0733105
19	1	EA.	BOX, ABS FIRE EXT SHORT WHT	1037555
(BO) 20	1	EA.	ADHESIVE, WELD-ON SS 214 2PART 470ML	1558485
(CJ)(BV) 21	1	EA.	DECK PLATE, WASTE CHR STRAIGHT NCK N/CLR CODE	1911342
22	1	EA.	LADDER, SWIM 3-STEP TELESCOP	1034859
(CA) 23	6	EA.	SCREW, MACHINE 1/4-20 x 1.25" PPH SC	1260975
24	2	EA.	WASHER, FENDER 1/4" x 1.25" SC	1260678
25	1	EA.	FIBERGLASS PART, ANCHOR LOCKER COVER	22642600
26	16	EA.	SCREW, TAPPING #8A x 1/2" PTH SC	1008812
27	1	EA.	HATCH, UTILITY 13.5" x 16.5" WHT	1719060
28	38	EA.	RIVET, POP/BLIND 3/16" x 5/8" ALUM	0189415
29	6	EA.	SCREW, TAPPING #4A x 1" PFH SC	1010321
30	2	EA.	COVER, HDPE BW210VT-03 BOW STRG SEA	1727628
31	1	EA.	COVER, HDPE BW210VT-03 LIVWELL W/L	1727635
32	1	EA.	BIN, HDPE/PLEX SEAFOAM	1062520
33	3	EA.	SCREW, MACHINE #10-24 x 1.5" POH SC	1305788
(BV)(BU) 34	13	EA.	WASHER, FLAT #10 SC	1260751
(BV)(BU) 35	14	EA.	NUT, HEX NYLON LOCK #10-24 SC	1007772
(CJ)(BV) 36	1	EA.	DECK PLATE, GAS CHR W/VENT STRAIGHT NECK	996371
(BV) 37	1	EA.	SCREW, MACHINE #10-24 x 2" POH SC	1010479
38	7	EA.	CLEAT, 8" 4-BOLT SS	291658
39	24	EA.	SCREW, MACHINE 1/4-20 x 1" PFH SC	1009950
40	1	EA.	BOOT, CABLE 3" BLK	1043223
41	1	EA.	BOOT, CABLE RING 3" BLK	1043330
42	1	EA.	DECK PLATE, WATER CHR W/VENT 45DEG.	1109362
43	2	EA.	STRAP, W/S HOLD OPEN	1025220
44	1	EA.	WASHDOWN/SPRAYER, VERT MNT WHT W/BW LOGO	1612928
(BT)(BQ) 45	1	EA.	<del>DRAIN, 1" IMPACT W/O BARB BLK</del>	<del>1041953</del>
46	13	EA.	SCREW, TAPPING #10A x 1" PTH SC	1008739
47	24	EA.	SCREW, TAPPING #8A x 3/4" POH SC	1213057
(BQ) 48	1	EA.	DOOR, ACRY BW210VT-06 HEAD BIFOLD	1817800
(C) 49	1	EA.	HORN, SGL CONCEALED W/SS GRILL/CONN	1837054
(C) 50	1	EA.	<del>HORN, GRILL SGL SS OVERLAY SERIES 84400-1</del>	<del>1781252</del>
(BQ) 51	1	EA.	DOOR, ACRY BW210VT-06 CNSL STB	1807559
(BQ) 52	14	EA.	SNAP STUD, W/#8 X 3/8" PH BR/N	203786
53	1	EA.	LIGHT, STERN PLUG-IN 62" 16DEG BEND	1592633
(BQ) 54	3.5	FT.	TUBING, SEATECH 15MM X 11MM X 250' GRN	1758297
55	4	EA.	SCREW, MACHINE 1/4-20 x 1.5" POH SC	1010438
56	1	EA.	ROLLER, ANCHOR BOW	1034834
57	24	EA.	SCREW, TAPPING #10A x 1.25" PFH SC	1259415
(BQ) 58	2	EA.	STEERING, ELBOW BR 9/16" ORFS FEMALE X MALE	1790999
(CE)(BQ) 59	2	EA.	<del>STEERING, ELBOW SS 11/16" ORFS FEMALE X MALE</del>	<del>1791000</del>
(BQ) 60	1	EA.	ACC PART, MERC S-CRFT JUNC BOX 4-WAY	1507326
(CE)(BQ) 61	1	EA.	<del>ACC PART, MERC SGL PNL COMMAND MODULE KIT '06</del>	<del>1802839</del>
(BQ) 62	10	EA.	SCREW, MACHINE #10-24 X 3/4" PPH SC SELF-TAP	1781122
(CE)(BQ) 63	1	EA.	CONSOLE- SUB-ASSY'ed	09-201
64	10	EA.	SCREW, TAPPING #8A x 1.5" POH SC	1255462
(BQ) 65	6.66	FT	HOSE, 2"ID CABLE COVER (OUTBOARD) BLK	1042399
66	1	EA.	RAIL, GRAB CONSOLE PORT SS	1271907
67	2	EA.	SCREW, CAP 5/16-18 x 1.5" HEX HD SC	1008044
68	2	EA.	WASHER, LOCK/SPLIT 5/16" SC	1260611
69	2	EA.	WASHER, FENDER 5/16" x 1.5" SC	1326180
70	1	EA.	HOLDER, PLEX DRINK CONSOLE	1290154
(BQ) 71	1	EA.	FLANGE, RIGGING BOOT 2" BLK	1818344
(BQ) 72	8	EA.	COVER, CLAMP END PROT 1/2"L X .045"X .465"	0830968
(BQ) 73	8	EA.	CLAMP, HOSE #24 1"-2" SS .505	0256693
(BQ) 74	10	FT.	HOSE, SANI 1.5" BLK PVC 149 SERIES	1746048


 BOSTON WHALER PRODUCT DEV. & MFG. ENGINEERING GROUP	INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: ANGLES = ± .5° .X = ± .1 .XX = ± .03 X = ± 1/16	DRAWN: R.DURHAM DWG. TITLE: Deck Assembly	DATE: 10/22/99 SCALE: NONE	BOAT MODEL: 210VT INIT. REL. ECN NO: R8007	MOLD NO: 18J96702 DWG. NO: 06200	SHT. NO. 5 of 6
	DO NOT SCALE DRAWING					

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DWG. NO: 06200  
 REV. CK  
 CURRENT ECO 08095526

BILL OF MATERIAL

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
(BQ) 75	1	EA.	ELBOW, ACETAL 1/2"MPT X 1/2"FPT X 90DEG	172551
(BQ) 76	1	EA.	RAIL, GRAB BWCQ-97 N/STUD 8 5/8"X 1" SS	1011675
(BQ) 77	2	EA.	VENT, LOUVERED 3 5/8"X 3 5/8" WHT	0819243
(BQ) 78	1	EA.	BRACKET, MOBELLA STRIKE SS	1609791
(BQ) 79	1	EA.	LATCH, SLAM 2/ 30" STRAP	1046788
80	1	EA.	BUMPER, BLACK	1039239
81	2	EA.	HATCH, UTILITY 13" x 23" WHT.	0682302
82	1	EA.	FIBERGLASS PART, SEAT PAN INSERT	22J96100
83	1	EA.	FIBERGLASS PART, SEAT PAN BASE	22J93401
84	1	EA.	FIBERGLASS PART, LIVEWELL BUCKET	22J96200
85	1	EA.	DOOR, HDPE BW210VT-03 TRNSM SEAFM	1727626
86	1	EA.	HOOK, CABIN DOOR EYE ONLY	0996348
87	1	EA.	HOOK, CABIN DOOR 2" CHR/BRZ	0996447
88	4	EA.	SCREW, TAPPING #6A x 1/2" PFH	1010362
89	1	EA.	ACCESS PLATE POLYPROP TWIST OUT 5"	1016153
90	6	EA.	RIVET, POP/BLIND 3/16" x 5/8" ALUM	0189415
91	3	EA.	LIGHT, COURTESY SURF MNT CLR/GND	1062355
(BQ) 92	8	EA.	NUT, HEX NYLON LOCK #4-40 SC	1667245
(BQ) 93	8	EA.	WASHER, FLAT 4-40 SC	1259639
(BQ) 94	8	EA.	SCREW, MACHINE #4-40 X 1" PFH SC	1259472
(BQ) 95	1	EA.	PANEL, HDPE BW210VT-06 CLSOUT STEREO	1805653
(BX) (BQ) 96	1	EA.	BRACKET, BW-07 LATCH STRIKE W/BEND SS	1873367
97	2	EA.	SCREW, MACHINE #8-32 x 1.25" PTH SC	1008721
98	22	EA.	NUT, LOCK #8-32 SC	1009927
99	22	EA.	WASHER, FLAT #8 SC	1326297
100	3	EA.	SCREW, TAPPING #10A x 3/4" PTH SC	1008762
101	4	EA.	SCREW, TAPPING #6A x 1" PFH SC	1010354
(BQ) 102	1	EA.	ANTENNA LEAD, STEREO SOFT WIRE 30"	0875484
(CB) (BZ) (BQ) 103	1	EA.	STEREO, AM/FM CD W/CHNGR/SIR SAT PLAYER CMD5	1894055
104	2	EA.	BUSS BAR, MINIBUS BAR DC	1324334
(CI) (BY) (BQ) 105	4	EA.	SCREW, TAPPING #8A x 1" PTH SC	1008804
(BQ) 106	2	EA.	COVER, ABS BW-97 SPKR 7 1/8"RAD WHT	1047836
107	2	EA.	THRU-HULL, PLAS 1.5" L-FLANGE W/BARB	1072826
(BQ) 108	4	EA.	SPEAKER, COAXIAL 6.5" W/WHT CVR & W	1690555
109	1	EA.	CUSH, BW210VT-05 STERN SEAT	1781449
110	1	EA.	CUSH, BW210VT-05 STERN SEAT B/R	1781500
111	13	EA.	SCREW, TAPPING #8A x 1/2" PTH SC	1008812
112	1	EA.	FITTING, RAW WTR OUTLET SS	1718983
113	3	EA.	SCREW, TAPPING #8A x 1/2" POH SC	1010578
(BQ) 114	1	EA.	GROMMET, CABLE BOOT 3" BLK	1574839
115	1	EA.	CLAMP, HOSE #10	263954
116	1	EA.	STEERING, BLKHD 3/4" FITTING MALE TO MALE	1773917
117	1	EA.	STEERING, O/B HOSE KIT CYL/HELM 1' W/2 HOSES	1773895
(BQ) 118	1	EA.	SCREW, MACHINE #10-24 x1.75" PTH SC	1341973
119	1	EA.	COVER, CLAMP END PROT 1/2" x .020"	1116870
120	1	EA.	CLAMP, HOSE #16, 3/4"-1.5" SS	0256685
121	1	EA.	VALVE, MARELON BALL 2-WAY 3/4"	557959
122	1	EA.	THRU-HULL, PLAS 1.5" ELBOW W/SCREEN	1233725
123	1	EA.	COUPLING, PLAS "Y" 1.5" BLK	1747278
124	1	EA.	DRAIN, ELBOW 90DEG 1.5" W/FLANGE NUT	1041961
125	1	EA.	PLUG, DRAIN 1.5" BLK	0907279
126	8	EA.	SCREW, TAPPING #10A x 1" POH SC	1008507
127	4	EA.	SCREW, MACHINE 1/4-20 x 1" PPH SC	1008580
128	4	EA.	WASHER, STAR 1/4" SS	1008929
129	4	EA.	SCREW, MACHINE 1/4-20 x 1.5" PPH SC	1008598
130	8	EA.	WASHER, FENDER 1/4" x 1.25"	1260678
(BQ) 131	1	EA.	ELBOW, MARELON 3/4"MPT X 3/4"BARBX90°	567958
(BQ) 132	1	EA.	THRU-HULL, PLAS 3/4" WHT	182964
(CF) 133	2	EA.	FILTER, INLINE WTR SWIVEL 1/2"MPSM X 1/2"NPSF	1896340
134	0	FT	TUBING, SEATECH 15MM X 11MM X 250' BLUE	1210160
(CH) 135	1	EA.	PUMP, WASHDOWN 4.0GPM 45PSI PROBLASTE	1913891
136	13	FT	HOSE, WATER 3/4" BLK REINF PVC	1042100
137	1	EA.	ELBOW, PVC 1/2"FPT SWIVEL X 3/4"BARB X 90	0626101
138	1	EA.	TEE, ACETAL 1/2"MPT	206003
(CG) 139	1	EA.	PUMP, FRESH WTR 3.0GPM AQUAKING STD	1913982
140	1	EA.	FITTING, NEPT 1/2"FEM X 15MM ELB SWVL 90DEG	1453935
(BQ) 141	2	EA.	SUPPORT, LEG FLDNG STERN ST RIGHT	1601533
(BQ) 142	2	EA.	SUPPORT, LEG FLDNG STERN ST LEFT	1601525
(BQ) 143	2	EA.	HINGE, BWCQ/OR-00 FOLDING SEAT LEFT	1423953
(BQ) 144	2	EA.	HINGE, BWCQ/OR-00 FOLDING SEAT RIGHT	1423961
(BU) 145	20	EA.	SCREW, MACHINE #8-32 X 3/4" PTH SC	1010735
(BU) 146	3	EA.	SCREW, TAPPING #8A X 1.5" PTH SC	1172642
(BU) 147	4	EA.	SCREW, TAPPING #10A X 2.5" PTH SC	1760271
(BV) 148	3	EA.	COVER, CLAMP END PROT 1/2"L X .045" X .465"RED	0830968
(BV) 149	1	EA.	CLAMP, HOSE #10 SS	0263954
(BV) 150	2	EA.	CLAMP, HOSE #24 1"-2" SS .505	0256693
(BV) 151	1	EA.	DECK PLATE, GAS CHR W/VENT (SHIM ONLY)	1098615
(CD) 152	1	EA.	HANDLE, SS PULL SURF MNT 1"X 5"	1887723
(CI) 153	2	EA.	SCREW, TAPPING #10A X 1" POH SC	1008507

MOLD NO. 18J96702	BOAT MODEL 210VT	SCALE: NONE	DATE: 10/22/99	DRAWN: R. DURHAM	DWG. TITLE: Deck Assembly	INIT. REL. ECN NO: R8007	DWG. NO: 06200	SHT. NO. 6 of 6
INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: ANGLES = ± .5° .XXX = ± .010 .X = ± .1 X = ± 1/16 .XX = ± .03 X = ± 1/16 DO NOT SCALE DRAWING								
 <b>BOSTON WHALER</b> PRODUCT DEV. & MFG. ENGINEERING GROUP								



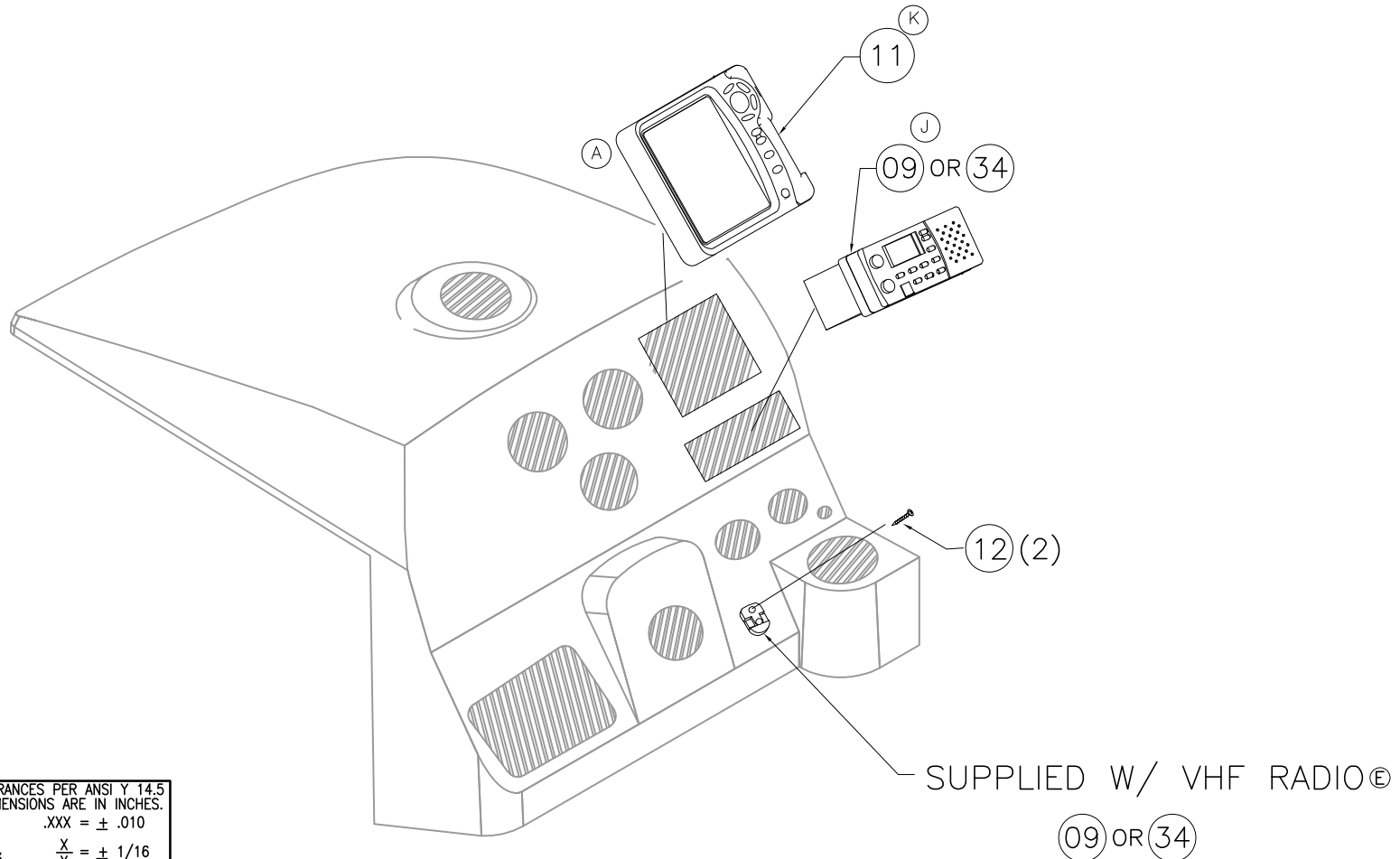
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DWG. NO: 08600	REV. N	CURRENT ECD 08065289
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NOTES:

- 1- 700-00003 VHF RADIO. ELECTRONICS #2 W/ CANADIAN CERTIFICATION
- 2- 700-00004 W/ CE CERTIFICATION
- 3- REFER TO 16-109 FOR HOLE CUT LOCATIONS
- 4- 700-00005- ELECTRONICS #2 W/ VHF RADIO
- 5- SEE DWG. 01-300 FOR TIE CABLES & TIE BLOCKS P/N & STANDARDS

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
G	#14 WAS 1007764	SWH	6/02/06	AVM	0604144
H	ITEM #24 P/N 1817798 WAS 123919, SHEETS 2 AND 3.	SL	10/16/06	AVM	0606132
I	CHANGED PN # & DESCRIPTION ITEM 2, SHEET 2. WAS 1736014	SLJ	02/23/07	AVM	07023958
J	CHANGED PN # & DESCRIPTION ITEM 9, SHEET 1 & 2. WAS 1774362	SLJ	03/19/07	AVM	07034039
K	CHANGED PN # & DESCRIPTION ITEM 11, SHEET 1 & 2. WAS 1831547	SLJ	03/19/07	AVM	07034059
L	CHANGED TRANSDUCER MOUNTING DIMENSIONS, SHEET 3	SLJ	03/28/07	AVM	07024003
M	ITEM 34 WAS 1788725, 700-00004 WAS 700-00003-4	RJW	04/20/07	RA	07044227
N	REMOVE ITEMS 1&2 AND ADD NOTES TO REFER DWG# 01-300	JF	06/09/08	AVF	08065289



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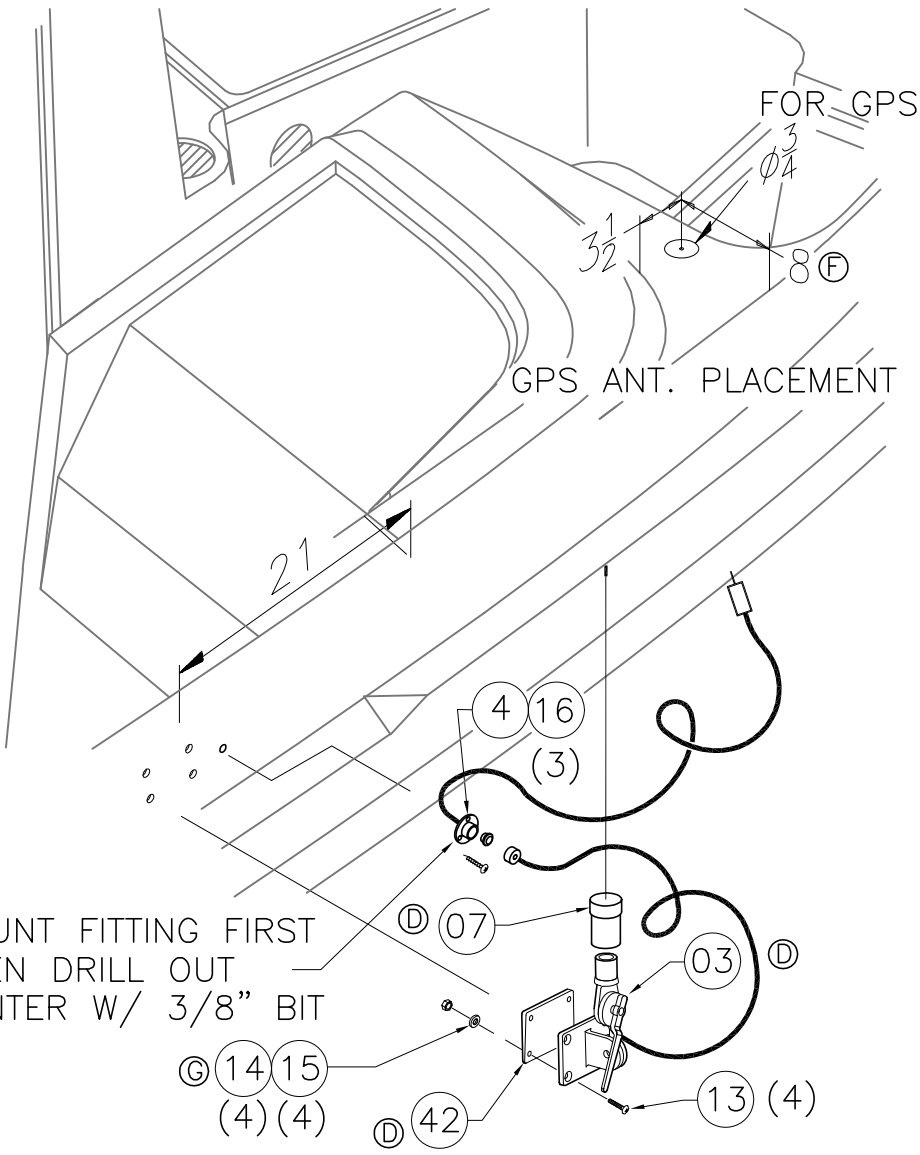
CHECKED: D. DEVIEW	DATE: 2/15/05	DRAWN: HALL READ	DATE: 01/07/05	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: K. RANIERI	DATE: 2/15/05	DWG. TITLE:			210VT	
DESIGN: L. SCHOLZ	DATE: 2/21/05	ELECTRONICS			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 2/21/05	E			050208	08600
					SHT. NO.	
					1	of 4

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DWG. NO:  
08600

REV.  
N

CURRENT ECD  
08065289



100-70453  
100-75629  
700-00005  
700-00004

## PARTS LIST

ITEM	QTY.	QTY.	QTY.	QTY.	U/M	DESCRIPTION	B.W.I. NO.
(NE)	1	20	2	—	EA.	TIE, CLIP BLK	1031764
(NE)	2	20	2	—	EA.	TIE, CABLE 11.5" MED NYLON BLK	157321
(ED)	3	—	1	—	EA.	MOUNT, RATCHET VHF 1850 NYLON QUICK-FIT	1800575
(E)	4	—	1	—	EA.	FITTING, WATER TIGHT OUTLET FOR 5/16" CABLE	0122853
(E)	5	1	—	—	EA.	FUSE, BLADE TYPE ATC 1A	0706721
(E)	6	—	1	—	EA.	FUSE, BLADE TYPE ATO 7.5A	0520676
(ED)	7	—	1	—	EA.	ANTENNA, VHF 1770 N/CBL MNT 4.2'QUIK FIT	1800574
(D)	8	—	1	—	EA.	BRACKET, 1/8"X 3.5"X 5" ANTENNA MOUNT	1539204
(DE)	9	—	1	-1	EA.	RADIO, VHF EXPLR 710 FIXED MTG	1892869
(E)	10	1	—	—	EA.	DEPTH FINDER, FISH FIND NAVMAN 4350 DISPLAY	1794112
(KE)	11	1	—	—	EA.	NAVIGATOR, SONDR NRTHSTR 6500 5"COLOR N/TRANS	1895218
(E)	12	3	2	—	EA.	SCREW, TAPPING #6A X 1" POH SC	1010354
(E)	13	4	—	—	EA.	SCREW, MACHINE #1/4-20 X 1" POH SC	1213198
(CE)	14	4	—	—	EA.	NUT, LOCK #1/4-20 SC STD PATT	1009786
(E)	15	4	—	—	EA.	WASHER, FLAT #1/4" SC	1260769
(E)	16	3	—	—	EA.	SCREW, TAPPING #4A X 5/8" POH SC	1007822
	17	4	—	—	EA.	SCREW, TAPPING #10A X 1.5" PTH SC	1008747
(B)	18	—	1	—	EA.	PANEL, HDPE BW210VT-05 CLOSEOUT STEREO	1795088
(B)	19	—	1	—	EA.	SCREW, MACHINE #10-24 X 3.5" POH SC	1305549
(B)	20	—	4	—	EA.	WASHER, FLAT #10 SC	1260751
(B)	21	—	4	—	EA.	NUT, HEX NYLON LOCK #10-24 SC	1007772
(B)	22	—	1	—	EA.	SUPPLIED W/ OPT:100-70085	
(B)	23	—	1	—	EA.	STEREO, REMOTE CNTRL W/DIG DSPLY FOR CMD4 BLK	1803894
	24	15	—	—	FT.	HOSE, CONDUIT/UNSPILT 1.5" FLAME RETARDANT	1817798
(B)	25	—	1	—	EA.	CABLE, CLARION REMOTE EXTENSION CABLE 24'	1312750
(E)	26	1	1	-1	EA.	FUSE BLOCK, 10-GNG BLADE-TYPE W/BLANK LABELS	1688102
	27	1	—	—	EA.	FUSE, BLADE TYPE CLOSED 2A	0842021
(E)	28	1	1	-1	FT.	WIRE, 8GA AWG RED INSUL TIN/CPR	1000603
(E)	29	1	1	-1	FT.	WIRE, 8GA AWG BLK INSUL TIN/CPR	1000595
(E)	30	2	—	—	EA.	FLUSH MOUNT KIT, NAVMAN 4100 FISHFINDER	1770912
(D)	31	1	—	—	EA.	CONN, SOLDERLESS W/CTR PIN	1274588
(E)	32	—	2	—	FT.	WIRE, 14GA AWG BLK INSUL TIN/CPR	1000140
(E)	33	—	2	—	FT.	WIRE, 14GA AWG RED INSUL TIN/CPR	1000470
(M)	34	—	—	1	EA.	RADIO, VHF EXPLR 710 EU FIXED MTG	1892874
(E)	35	1	—	—	EA.	TRANSDUCER, TRNSM MNT NAVMAN 4500/6500 FISH	1831548
(E)	36	2	2	—	EA.	CONN, FQD 14/16GA SEALED	1041201
(C)	37	1	—	—	EA.	BOX, HDPE BW210VT-05 ELECTRONICS W/ CUTOUTS	1795086
(B)	38	—	3	—	EA.	SCREW, MACHINE #10-24 X 3.5" POH SC	1305549
(E)	39	20	2	—	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925
(E)	40	4	4	—	EA.	CONN, RING 8GA X 1/4R SEALED W/HEAT SHRINK	1041227
	41	2	—	—	EA.	CONN, BUTT 22-18GA H/SHRINK	0269670
(D)	42	—	2	—	EA.	SHIM, PLAS NAVMAN ATTNNA PLAS BASE 5DEG WHT	1831249

MOUNT FITTING FIRST  
THEN DRILL OUT  
CENTER W/ 3/8" BIT

(D)



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                  .X = ± .1                X = ± 1/16  
                  .XX = ± .03

DO NOT SCALE DRAWING

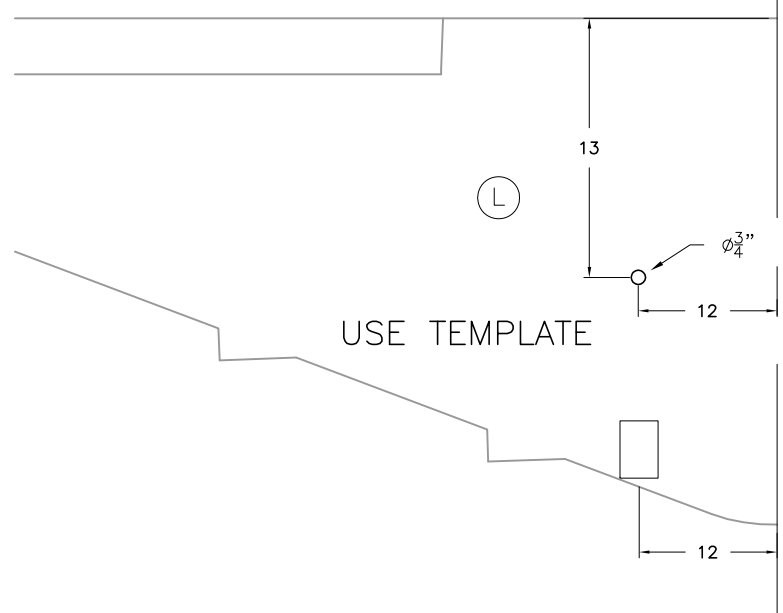
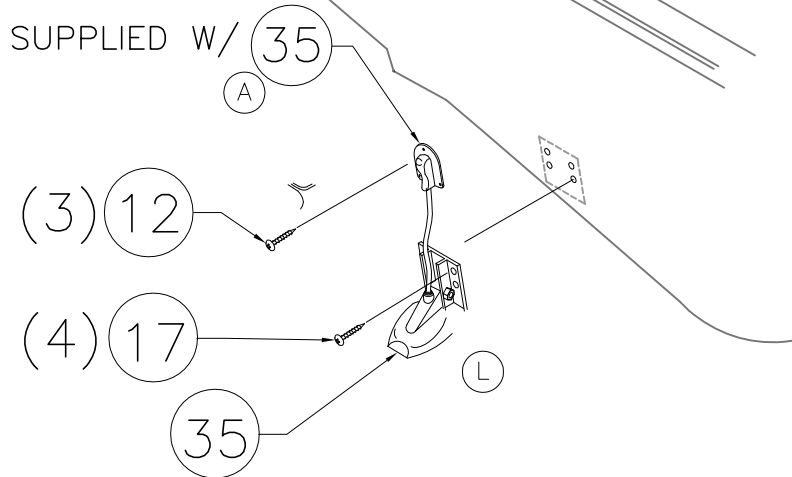
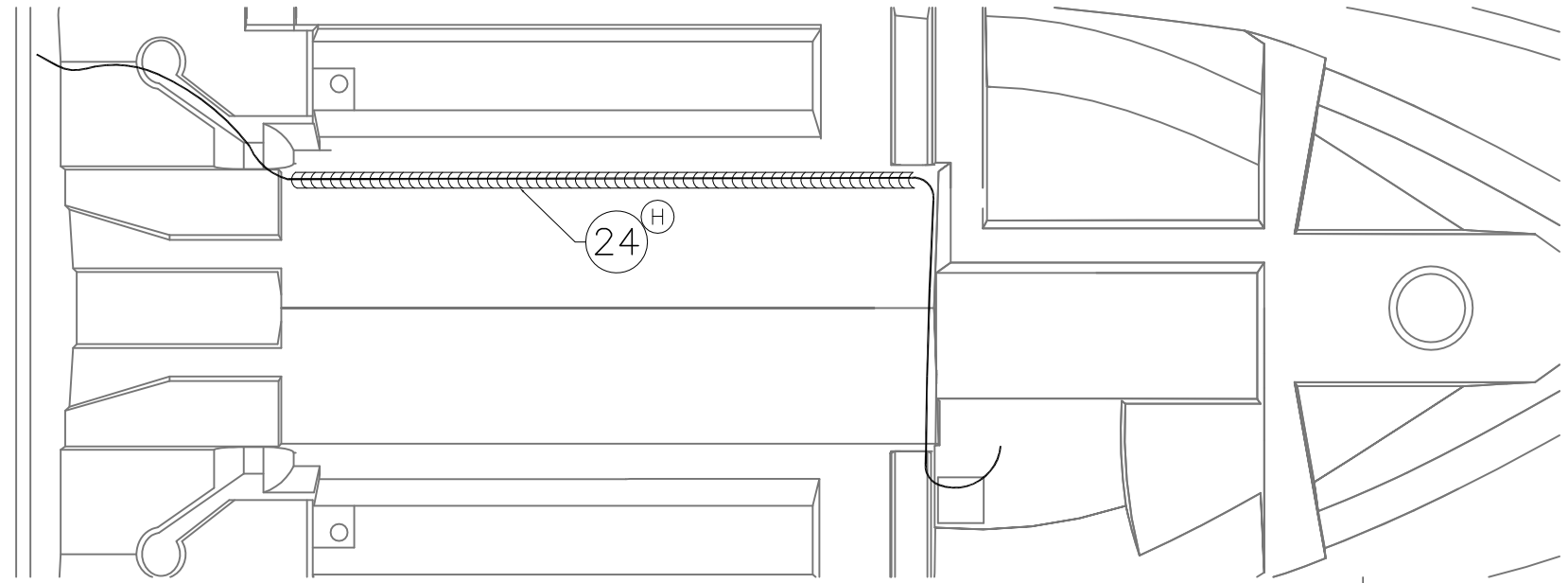
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DWG. TITLE: ELECTRONICS			INIT. REL. ECN NO: 050208	DWG. NO: 08600
			SHT. NO. 2 OF 4	

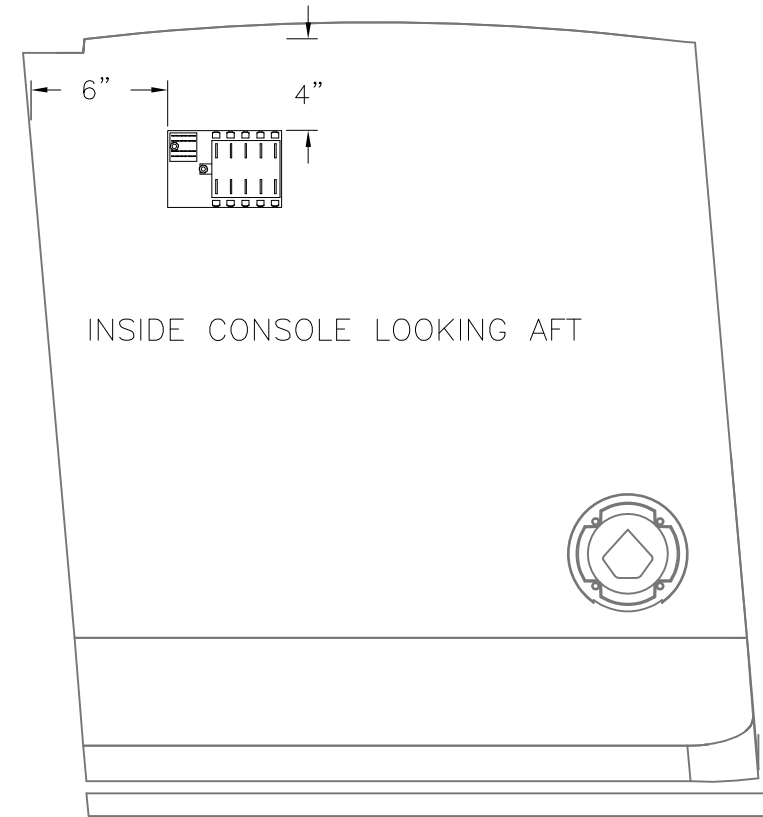
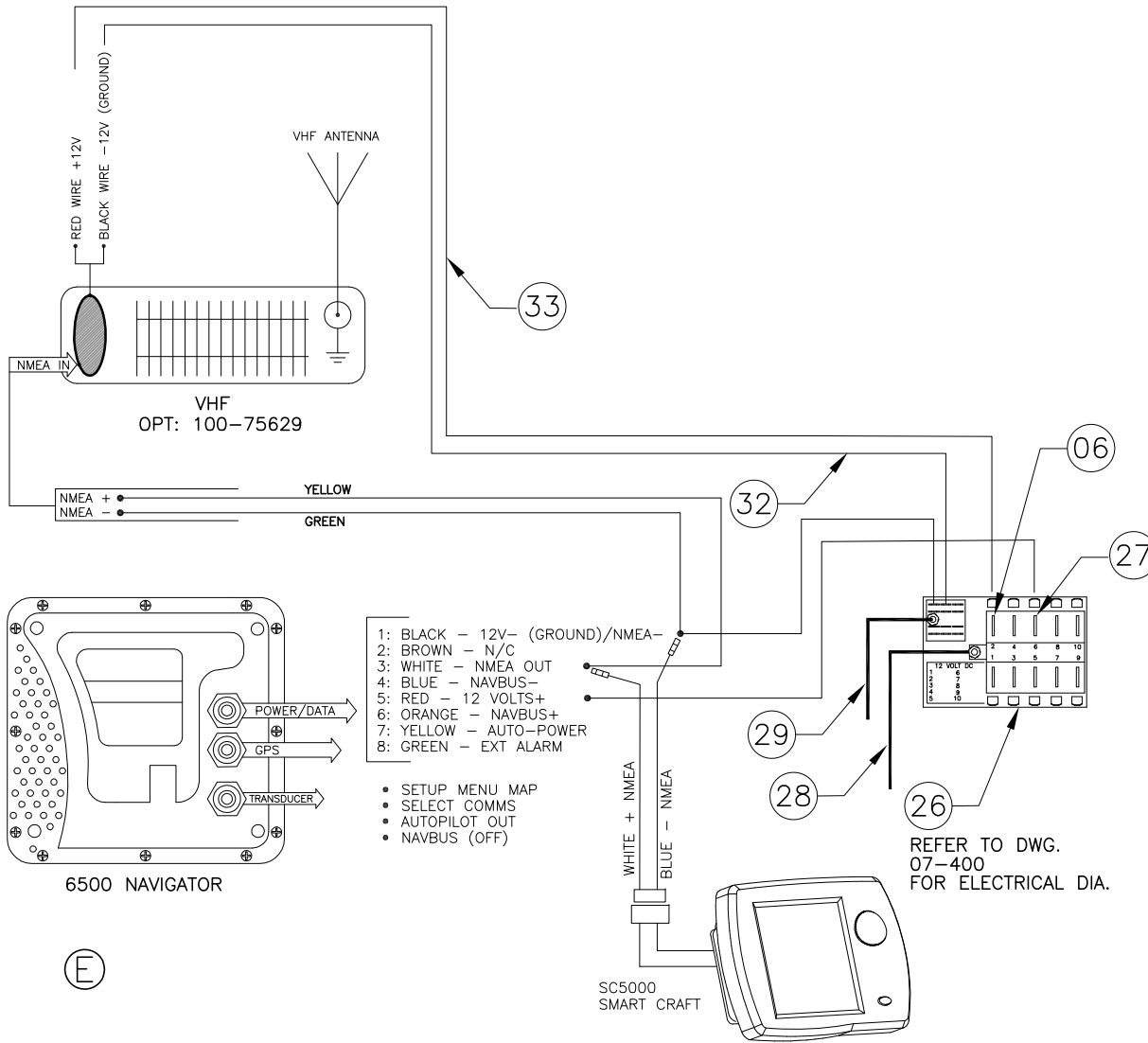
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DWG. NO:  
08600

REV.  
N

CURRENT ECD  
08065289





(E)

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DWG. NO: 10201	REV. P	CURRENT ECD 08045117
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NOTES:

1. USE MERCURY INSTRUCTIONS & RIGGING TEMPLATE FOR HOLE LAYOUT AND INSTALLATION.
2. HARDWARE INCLUDED w/ENGINE.
3. MARK CENTERLINE OF TRANSOM FOR ALIGNING RIGGING TEMPLATE.
4. HOLES TO BE DRILLED PERPENDICULAR TO TRANSOM.
5. ALL THRU-TRANSOM FASTENERS TO HAVE SEALANT APPLIED TO BOLT SHANKS & TORQUE TO 55 +/-5 lb. ft.
6. ITEM #9 TO BE USED FOR PACKAGING PROPS.
7. LOWER FASTENERS, P/S HAVE BOLT HEAD ON "ENGINE SIDE". UPPER FASTENERS, P/S HAVE BOLT HEAD ON "MOTORWELL" SIDE.
8. ALL ENGINE MOUNT BOLTS ARE TO HAVE BOLT HEAD MOUNTED ON MOTOR SIDE

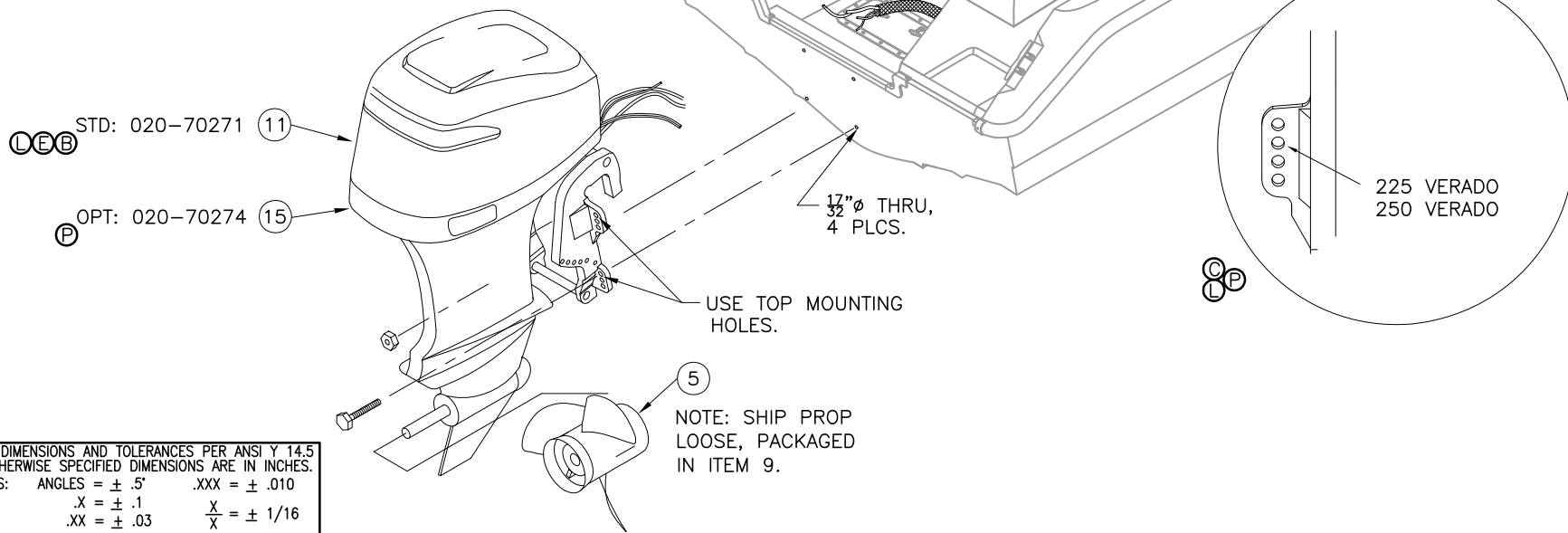
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REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
K	MYE '08: DELETED OPT 020-70130	RJW	04/20/07	RA	07044226
L	MYE '08: PG 1 DELETED ITEMS 1,8,13,14; PG 2 DELETED ITEMS 1,13,14	JAH	05/16/07	MG	07044290
M	DELETE OP# 020-70286, CHANGE PN# ITEM 11, WAS 1847732	SLJ	06/25/07	MG	07064396
N	ADD TORQUE SPECIFICATIONS +/-5 LB.FT. TO NOTES.	AVF	12/18/07	AVF	07124762
O	MYE"09" ITEM #7 WAS 1216720	SLJ	05/16/08	DH	08045126
P	MYE"09" ADDED ITEM # 15	SLJ	05/16/08	DH	08045117

SECURE FUEL LINE ON U/SIDE OF DECK W/P-CLAMPS. HOSE TO THEN BE ROUTED THRU MOTORWELL FLANGE/RIGGING HOSE.

Ⓛ

SHIFT/THROTTLE CABLES, & ENGINE HARNESS PASSED THRU RIGGING HOSE



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 .X = ± .1 .XX = ± .03 X = ± 1/16  
 DO NOT SCALE DRAWING



CHECKED: RA	DATE: 5/23/03	DRAWN: R. LEE	DATE: 05/22/03	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: KR	DATE: 5/23/03	DWG. TITLE:			210VT	
DESIGN: L. SCHOLZ	DATE: 5/23/03	Engine Installation			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 6/11/03				030342	10201
					SHT. NO.	
					1	of 2

Parts List

	ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
(L)(I)	1	1	EA.	<del>O/B, MERC 200XL OPTI GEN 1</del>	<del>1847723</del>
(D)	2	1	EA.	<del>O/B, MERC 225XL EFI 4-STROKE '04</del>	<del>1750652</del>
(K)(I)	3	1	EA.	<del>O/B, MERC 225XL OPTI GEN 1</del>	<del>1847729</del>
(D)	4	1	EA.	<del>PROP, 15.25"X 19" SS MIRAGE PLUS RH TWIN ENG</del>	<del>147678</del>
	5	1	EA.	PROP, 15.5"X 17" SS MIRAGE PLUS RH	155820
	6	10	FT.	HOSE, 2"ID CABLE COVER (OUTBOARD) BLK	1042399
(O)	7	2	EA.	CLAMP, LOOM 1.25"	1701321
	8	1	EA.	PRIMER BULB, W/FUEL LINE	1477900
	9	1	EA.	BAG, POLY 33"X 40"X 33GAL HVY CLR	1143163
	10	2	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925
(H)(E)(B)	11	1	EA.	O/B, MERC 225XL VERADO ED	1899605
(M)(H)(F)	12	1	EA.	<del>O/B, MERC 225XL VERADO EU GEN 1</del>	<del>1847735</del>
(L)(H)(G)	13	1	EA.	<del>O/B, MERC 200XL VERADO EU GEN 1</del>	<del>1847727</del>
(L)(H)(G)	14	1	EA.	<del>O/B, MERC 200XL VERADO GEN 1</del>	<del>1847725</del>
(P)	15	1	EA.	O/B, MERC 250XL VERADO ED	1899608

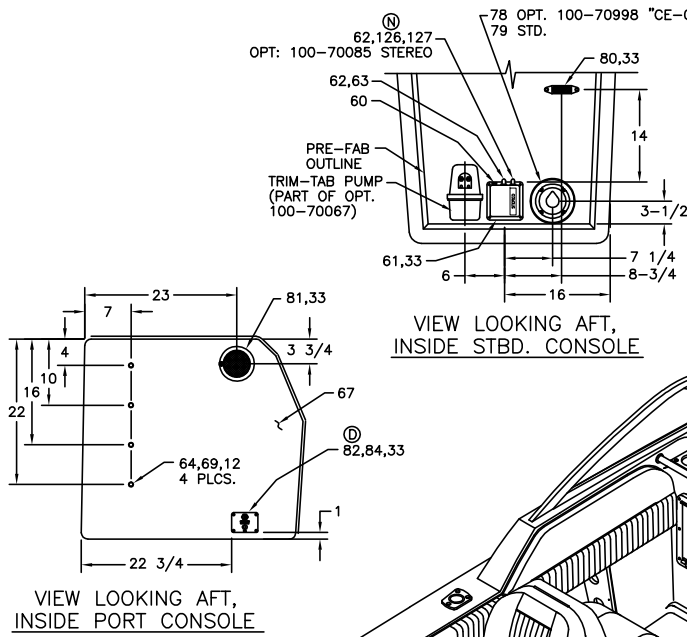


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DWG. NO:  
11200

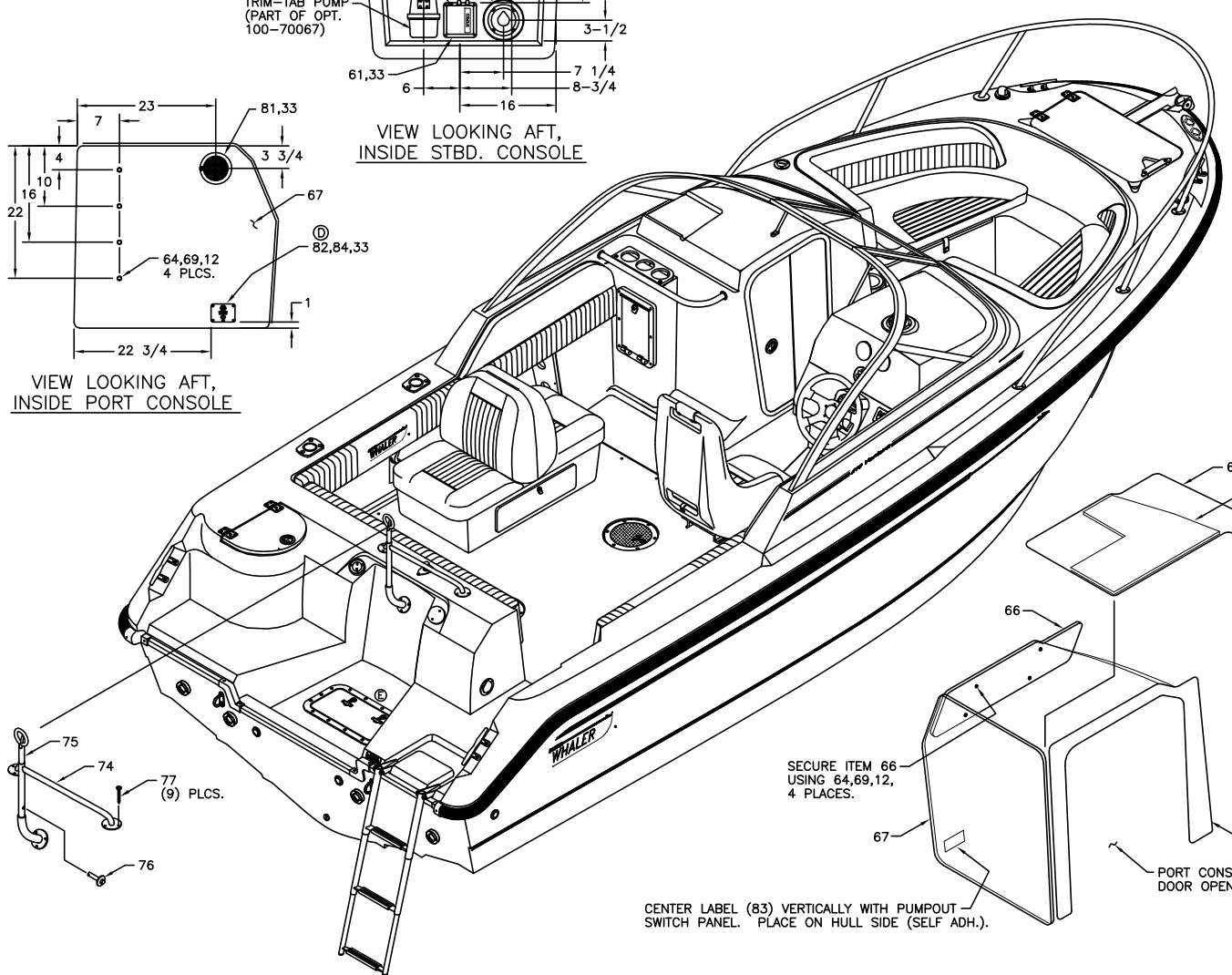
REV.  
AF

CURRENT ECD  
07044280



VIEW LOOKING AFT,  
INSIDE PORT CONSOLE

VIEW LOOKING AFT,  
INSIDE STBD. CONSOLE



SECURE ITEM 66  
USING 64,69,12,  
4 PLACES.

INCL. W/ ITEM 65.  
PORT CONSOLE  
DOOR OPENING, REF.

CENTER LABEL (83) VERTICALLY WITH PUMP-OUT  
SWITCH PANEL. PLACE ON HULL SIDE (SELF ADH.).



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
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X = ± 1/16  
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DRAWN: R DURHAM DATE: 10/22/99 SCALE: NONE  
DWG. TITLE: FINAL ASSEMBLY AND OPT EQUIPMENT

BOAT MODEL  
210VT  
INIT. REL. ECD NO:  
R8007

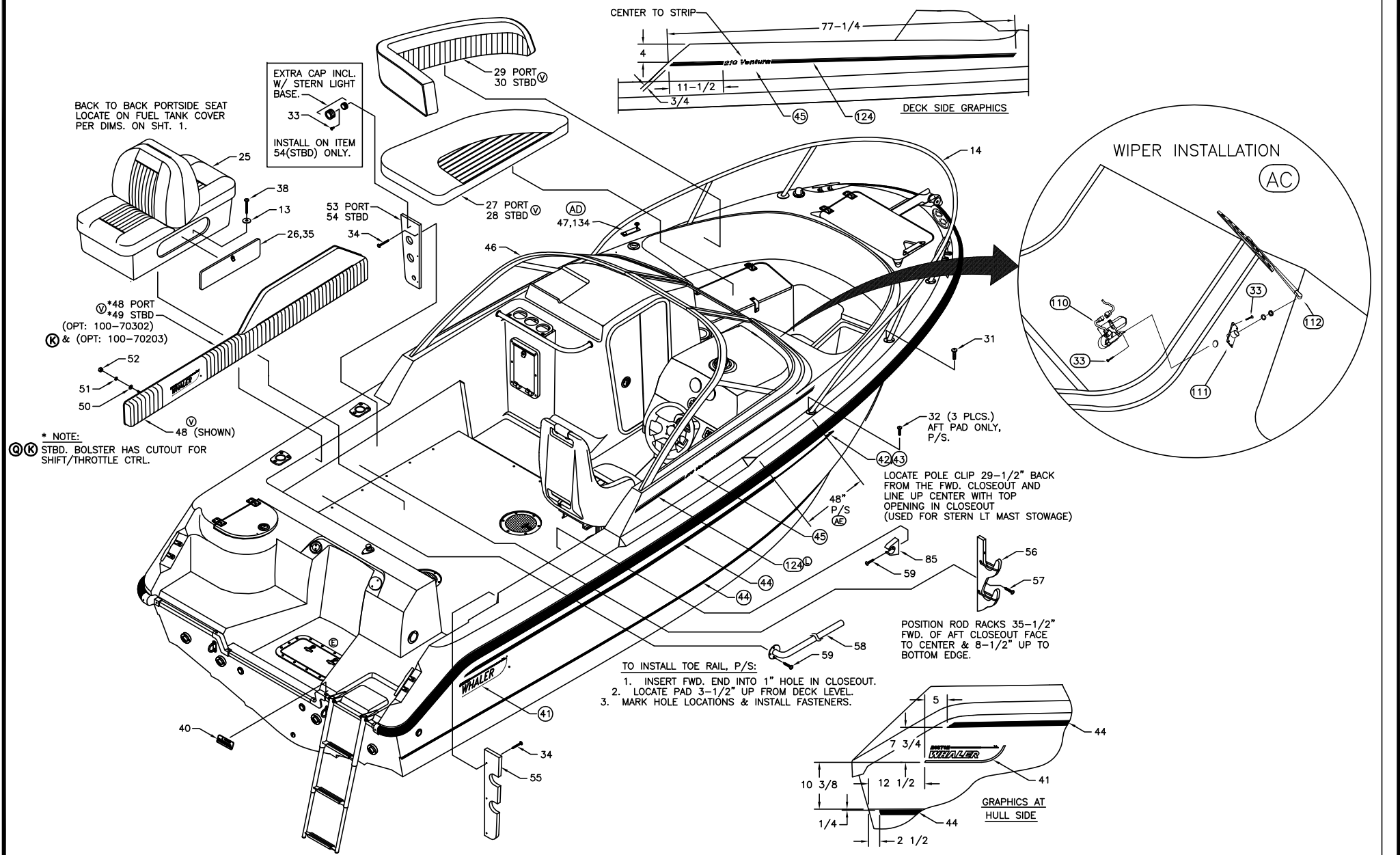
MOLD NO.  
DWG. NO:  
11200

SHT. NO.  
2 OF 6



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DWG. NO:	REV.	CURRENT ECD
11200	AF	07044280



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 .X = ± .1 .XX = ± .03 X/X = ± 1/16  
 DO NOT SCALE DRAWING

DRAWN: R DURHAM DATE: 10/22/99 SCALE: NONE  
 DWG. TITLE: FINAL ASSEMBLY AND OPT EQUIPMENT

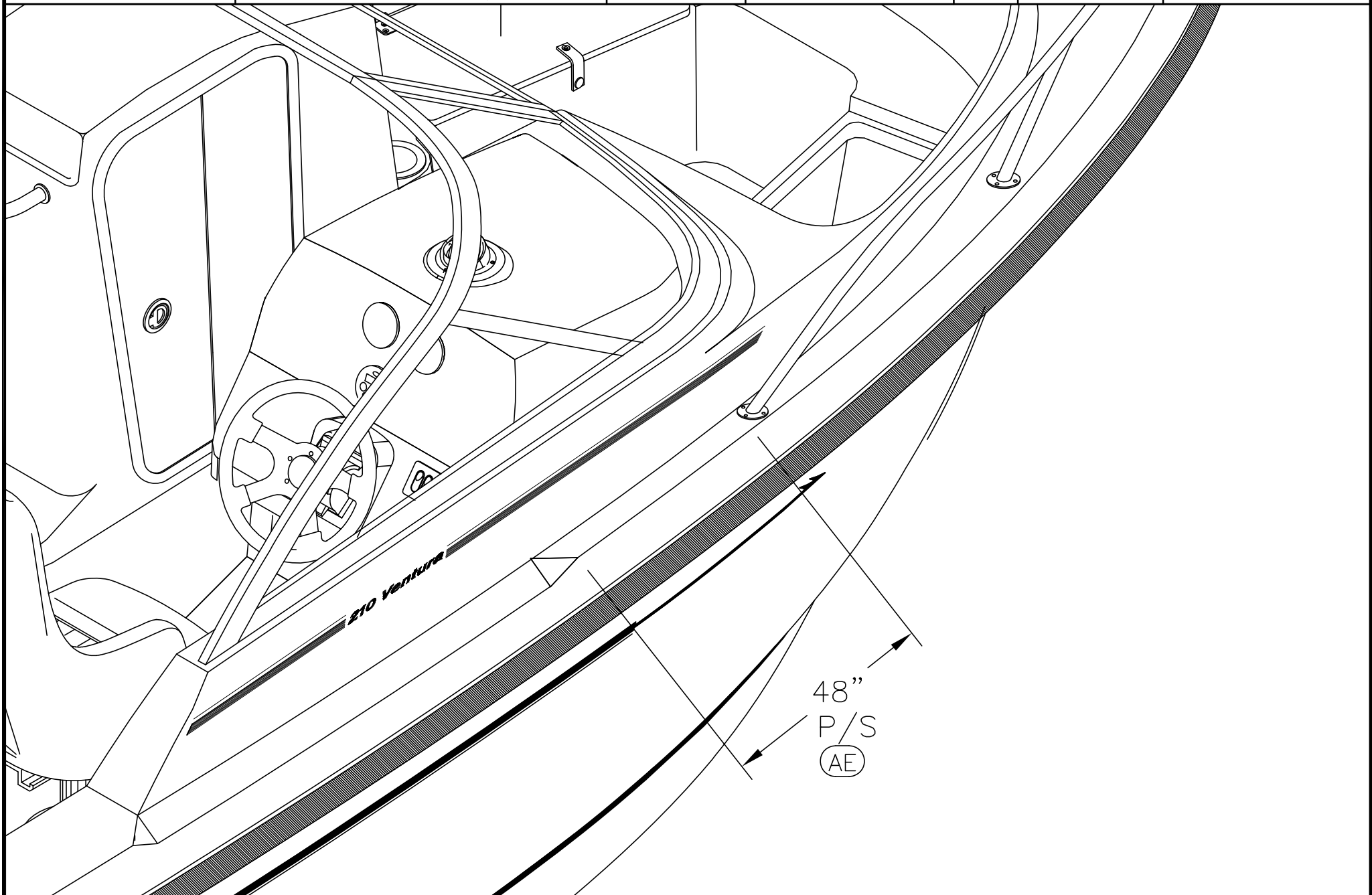
BOAT MODEL	MOLD NO.
210VT	
INIT. REL. ECN NO:	DWG. NO:
R8007	11200
SHT. NO.	
3 OF 6	

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DWG. NO:  
11200

REV.  
AF

CURRENT ECD  
07044280



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 TOLERANCES: ANGLES = ± .5°    .XXX = ± .010  
                   .X = ± .1                X    = ± 1/16  
                   .XX = ± .03            X     
 DO NOT SCALE DRAWING

DRAWN: R DURHAM

DATE: 10/22/99

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

210VT

FINAL ASSEMBLY AND OPT EQUIPMENT

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

R8007

11200

4 OF 6





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DWG. NO:  
09401

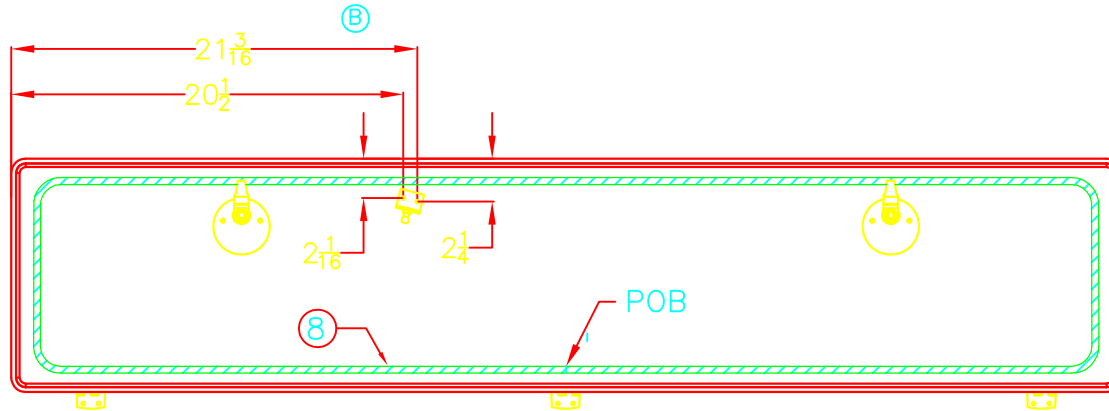
REV.  
B

CURRENT ECD  
07084490

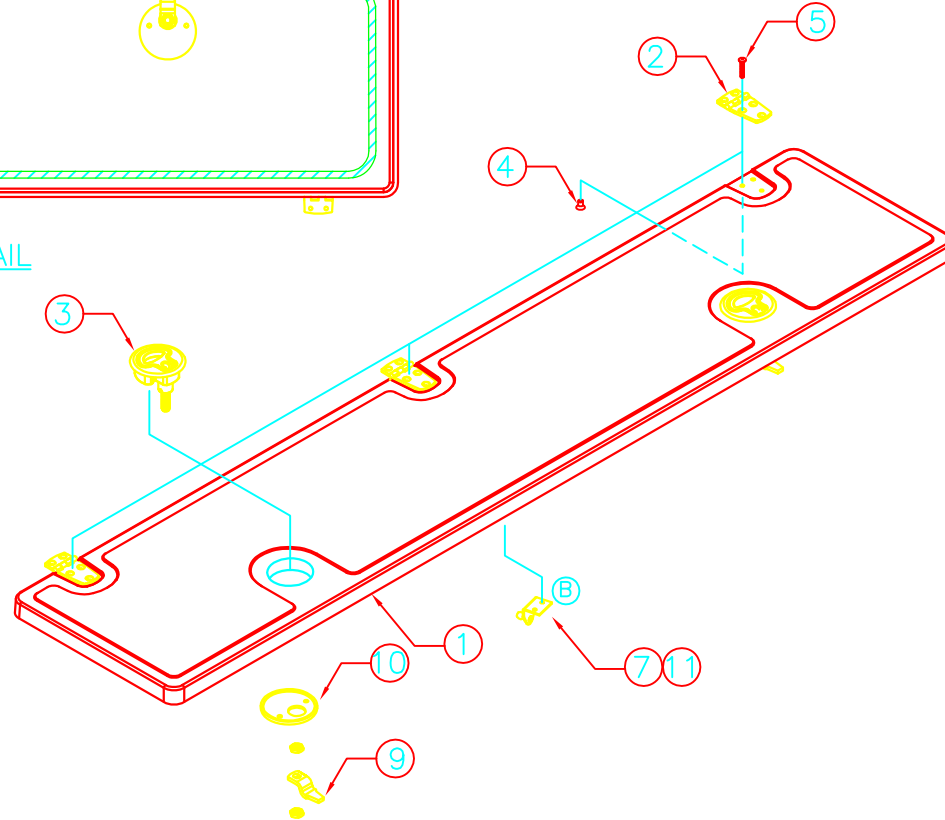
NOTES:

1. ALL FASTENERS SHALL BE SEALED AT INSTALLATION USING WHITE SILICONE SEALANT. BARREL NUTS SHALL BE SMOOTHED OVER AFTER EACH HINGE SCREW IS INSTALLED.
2. REFER TO DWG. 16105 FOR CUTOUTS & TRIM & GRIND INFORMATION.
3. CLEAN FIBERGLASS SURFACE W/ALCOHOL PRIOR TO PLACING GASKET.
4. REF. DWG. 05128 FOR LAMINATION DETAILS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/09/06	AVM	060213
B	MOVED LOCATION OF PLATE ON DWG	TKJ	8/13/07	AVM	07084490



BOTTOM SURFACE DETAIL



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
 .X = ± .1 X = ± 1/16  
 .XX = ± .03 X = ± 1/16  
 DO NOT SCALE DRAWING



CHECKED: HW	DATE: 06/09/05	DRAWN: M ZAFFUTO	DATE: 05/17/05	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: KR	DATE: 08/09/05	DWG. TITLE:			210VT06	22K22100
DESIGN: VPK	DATE: 08/09/05	FISHWELL COVER SUB-ASSY			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: MG	DATE: 08/09/05				050520	09401
					SHT. NO.	1 OF 2

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DWG. NO:  
09401

REV.  
B

CURRENT ECD  
07084490

NOTES:

## PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA.	FISHWELL COVER	22-K221-00
02	3	EA.	HINGE, DOOR SS 1.5"X 3" THINLINE	1617323
03	2	EA.	LATCH, COMPRESSION 2.5"N/LOCKING SS	1781446
04	9	EA.	NUT, BBL #10-24 X 3/8" FH	1040187
05	9	EA.	SCREW, MACHINE #10-24 X 5/8" POH SC	1010545
06	2	EA.	SCREW, TAPPING #8A X 5/8" PPH SC	1010677
07	1	EA.	BRACKET, SS LIFT CYL 90DEG 1"W/STUD	1688166
08	12	FT.	TRIM-SEAL, #X1568HT 3/4"X 1/16" SELF-ADH BLK	1769583
09	2	EA.	CATCH, PAWL 2.5"OFFSET MEDIUM SS	1781463
10	2	EA.	PLATE, SHALLOW 2.5"W/1/16" LIP HDWR PKG SS	1793455
11	2	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5  
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
.X = ± .1  
∅ = ± 1/16

DRAWN: M ZAFFUTO DATE: 05/17/05 SCALE: NONE

DWG. TITLE:  
FISHWELL COVER SUB-ASSY

BOAT MODEL  
210VT06

MOLD NO.  
22K22100

INIT. REL. ECD NO: DWG. NO:

SHT. NO.

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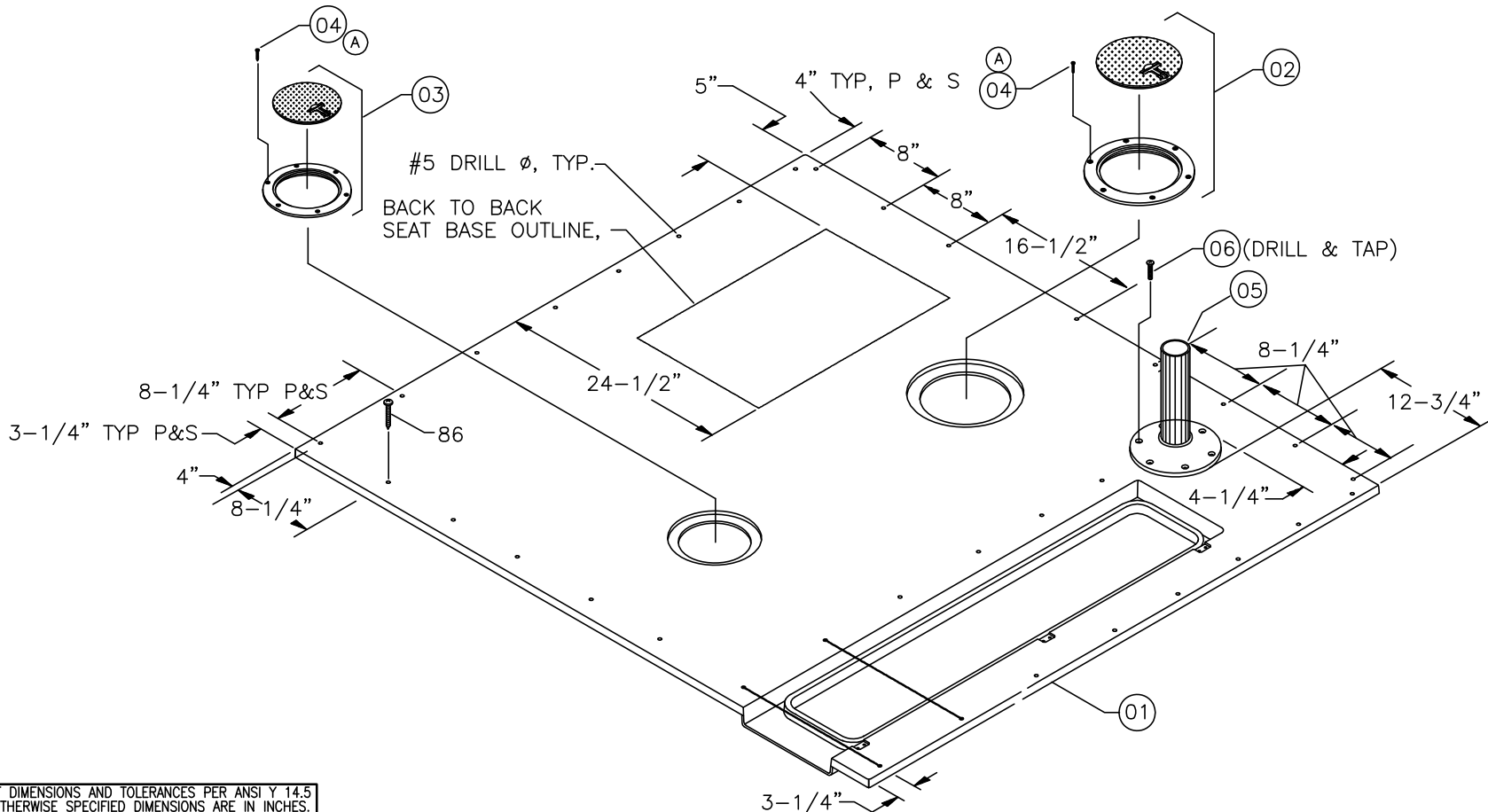
DWG. NO: <b>09301</b>	REV. <b>A</b>	CURRENT ECD <b>07114740</b>
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REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	CHANGED PART # 0189415 TO 1781122	TM	12/17/07	AVF	07114740

FUEL TANK COVER HOLE LOCATION NOTES:

FWD. MTG. HOLES: (1) AT CTR., 3 EQUISPACED, P/S BEGIN AT 4" FROM P/S SIDES.

P/S SIDE MTG. HOLES: BEGIN AT 3-1/4" AFT OF FWD. EDGE, (8) HOLES, EQUISPACED.



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
 .X = ± .1 X = ± 1/16  
 .XX = ± .03 X = ± 1/16  
 DO NOT SCALE DRAWING



CHECKED: RA	DATE: 9/22/05	DRAWN: S. JERNIGAN	DATE: 9/20/05	SCALE: NONE	BOAT MODEL 210VT	MOLD NO. 22J91100
APPD: KR	DATE: 9/22/05	DWG. TITLE: FUEL TANK COVER, SUB- ASSEMBLY			INIT. REL. ECN NO: 050841	DWG. NO: 09301
DESIGN:	DATE:				SHT. NO. 1 OF 2	
INT. ENG: MG	DATE: 9/22/05					

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DWG. NO:  
09301

REV.  
A

CURRENT ECD  
07114740

### BILL OF MATERIAL

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA	FIBERGLASS PART, FUEL TANK COVER	22J91100
02	1	EA	ACCESS PLATE, POLYPROP TWIST OUT 8"	1068659
03	1	EA	ACCESS PLATE, POLYPROP TWIST OUT 6"	1068642
04	12	EA	SCREW, MACHINE #10-24 X 3/4" PPH SC	1781122
05	1	EA	PEDESTAL, ALUM 15.5" FLUTED MILLENNIUM	1611615
06	6	EA	SCREW, MACHINE 1/4-20 x 1.25" PFH	0153205

(A)



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
 .X = ± .1 .XX = ± .03 X = ± 1/16  
 DO NOT SCALE DRAWING

DRAWN: S. JERNIGAN DATE: 9/20/05 SCALE: NONE  
 DWG. TITLE: FUEL TANK COVER, SUB-ASSEMBLY

BOAT MODEL  
210VT

MOLD NO.  
22J91100

INIT. REL. ECN NO:  
050841

DWG. NO:  
09301

SHT. NO.  
2 OF 2



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DWG. NO:  
06100

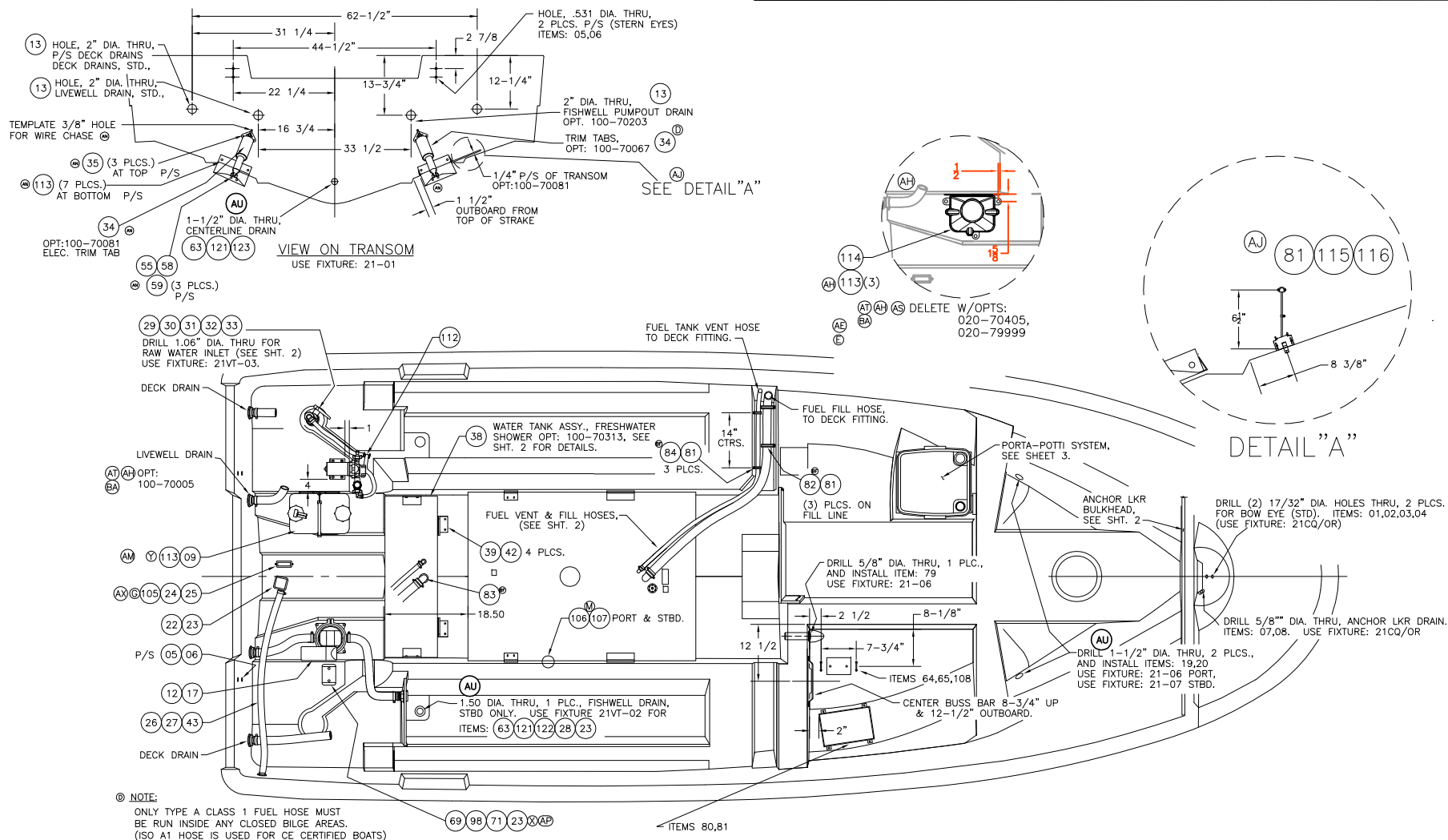
REV.  
BH

CURRENT ECD  
08095526

NOTES:

1. SEE DWG. 01-300 FOR TIE CABLES P/N & STANDARDS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
BF	MYE "09" ITEM 82 WAS 1040344 QTY 3, #84 WAS 1216720, DELETED #102	SLJ	05/16/08	DH	08045126
BG	REMOVE ITEM 117 AND ADD NOTES TO REFER DWG. 01-300	JF	06/18/08	AVF	08065289
BH	INVERTED WATER FILTER TO A DOWNWARD POSITION	TJ	10/28/08	AF	08095526



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
 TOLERANCES: ANGLES = ± .5°    .XXX = ± .010  
 .X = ± .1    X = ± 1/16  
 .XX = ± .03    X = ± 1/16  
 DO NOT SCALE DRAWING



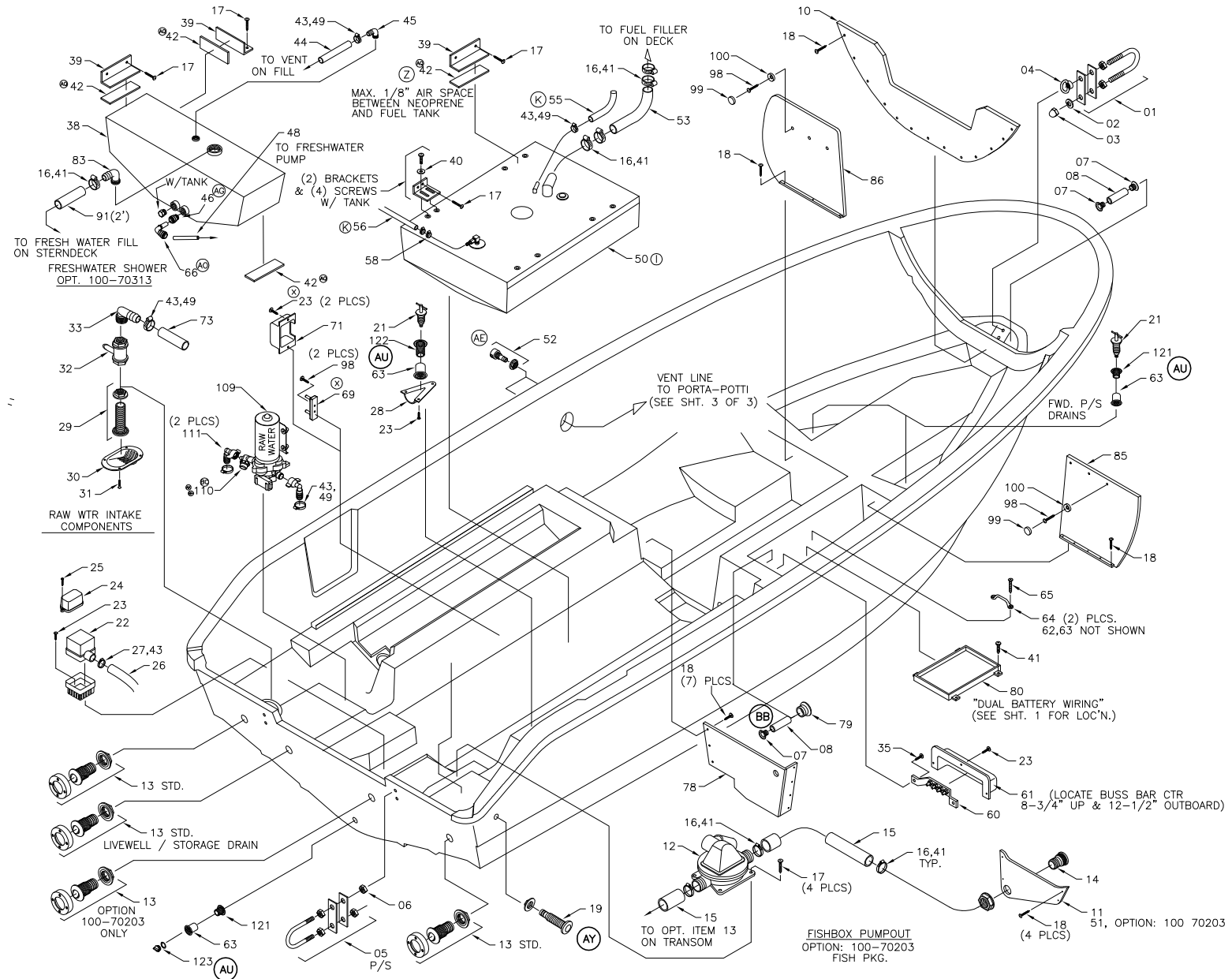
CHECKED: J. MILLER	DATE: 10/22/99	DRAWN: R.DURHAM	DATE: 10/22/99	SCALE: NONE	BOAT MODEL	MOLD NO.	
APPD: M. MITCHELL	DATE: 8/31/00	DWG. TITLE:		210VT	18J96701		
DESIGN: J. MILLER	DATE: 10/22/99	Thru Hulls and Outfit Details			INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
INT. ENG: L. SCHOLZ	DATE: 10/22/99				R8007	06100	1 of 5

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DWG. NO:  
06100

REV.  
BH

CURRENT ECD  
08095526



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
.X = ± .1 X = ± 1/16  
.XX = ± .03  
DO NOT SCALE DRAWING

DRAWN: R.DURHAM

DATE: 10/22/99

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

Thru Hulls and Outfit Details

210VT

18J96701

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

R8007

06100

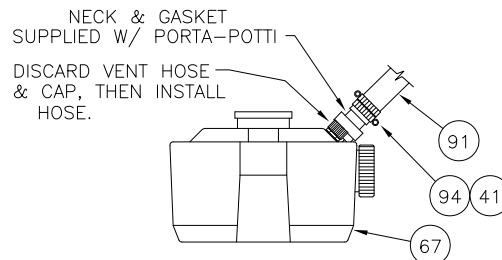
2 OF 5

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DWG. NO:  
06100

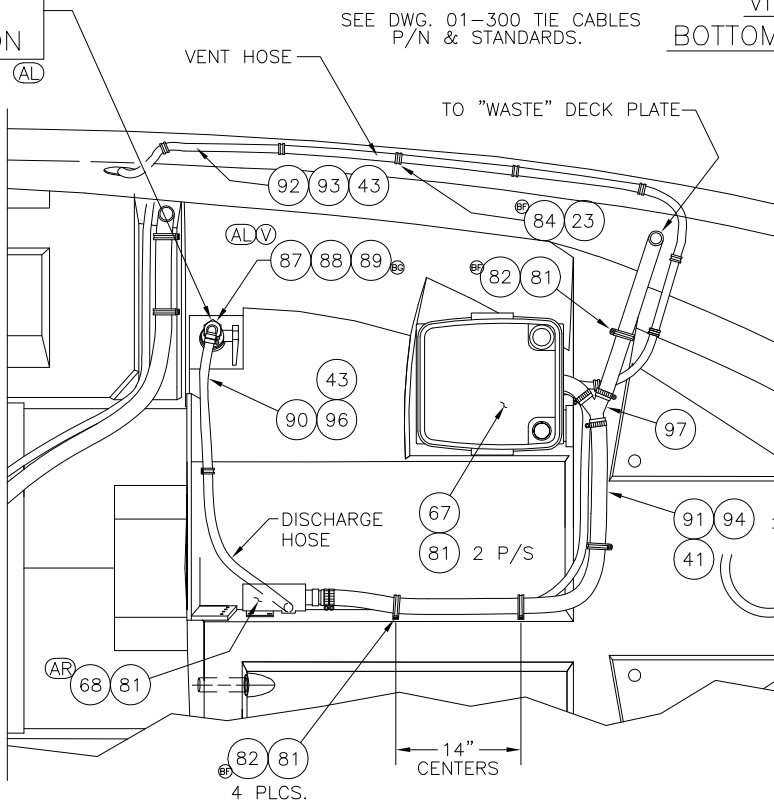
REV.  
BH

CURRENT ECD  
08095526



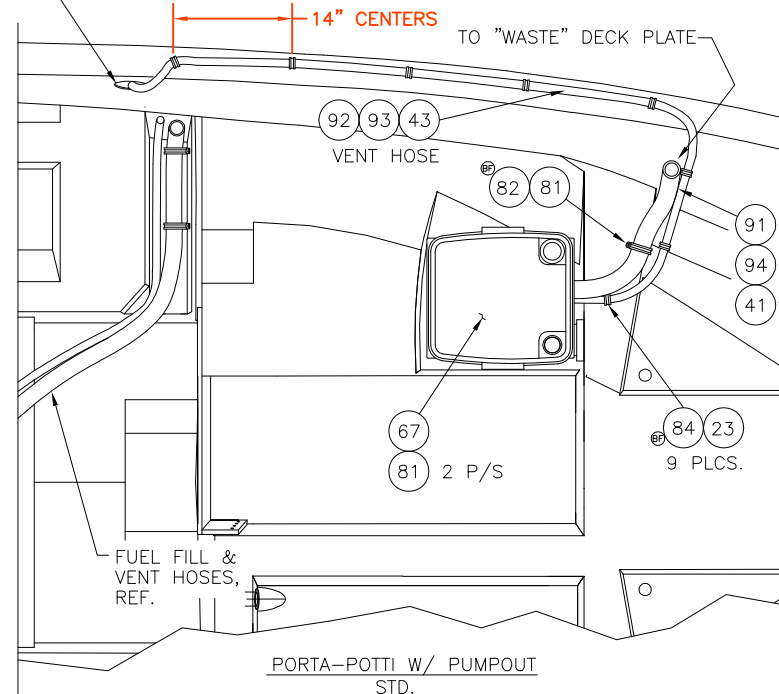
VIEW LOOKING PORT,  
BOTTOM HALF OF PORTA-POTTI

TIE WRAP LOCK TO OFF POSITION



PORTA-POTTI W/ PUMPOUT & OVERBOARD DISCHARGE  
OPTION: 100-70323

4.00" C'BORE TO HULL & 1-3/8" DIA. THRU, POTTY VENT  
USE FIXTURE: 21-08.



PORTA-POTTI W/ PUMPOUT  
STD.



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
.X = ± .1 X = ± 1/16  
.XX = ± .03 X = ± 1/16  
DO NOT SCALE DRAWING

DRAWN: R.DURHAM

DATE: 10/22/99

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

Thru Hulls and Outfit Details

210VT

18J96701

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

R8007

06100


3 of 5

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DWG. NO: 06100  
 REV. BH  
 CURRENT ECO 08095526

BILL OF MATERIAL

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA.	EYE, BOW 1/2" x 6" SS	0995472
(AI) 02	1	EA.	WASHER, LOCK SPLIT 1/2" SS	1326214
(AI) 03	1	EA.	NUT, ACORN 1/2-13 SS	1662402
(AD) 04	1	EA.	EYE, LIFTING 1/2" SS	1750949
05	2	EA.	EYE, BOW 1/2" x 3-7/16" SS	0126557
(AI) 06	4	EA.	NUT, HEX NYLON LOCK 1/2-13 SS	1260744
07	2	EA.	DRAIN SLEEVE, FLUSH IMPACT 5/8"	0518878
(BB) 08	1.5	FT.	TUBING, WATER LINE 3/8"ID x 1/2"OD	0896605
(Y) 09	1	EA.	TANK, OIL VRO W/HDWR W/SEND O/B 3 G	1477926
10	1	EA.	PANEL, HDPE CLOSEOUT, ANCHOR LOCKER	1323310
11	1	EA.	CAP, HDPE FISHWELL END	1090612
12	1	EA.	PUMP, HEAD SYS WASTE DIAPHRAGM 12V	1110808
13	4	EA.	THRU-HULL, PLAS 2" SCUPPER W/FLAPPER	0628081
14	1	EA.	DRAIN, CKPT W/SCREEN	0995118
(AB) 15	8	FT.	HOSE, SANI/SMOOTH WALL 1.5" SERIES 149 BLACK	1746048
16	12	EA.	CLAMP, HOSE #24 SS	0256693
(AI) 17	12	EA.	SCREW, TAPPING #14A x 1.5" PTH SC	1010909
(AI) 18	44	EA.	SCREW, TAPPING #10A x 1.5" PTH SC	1008747
(Y) (AI) 19	1	EA.	THRU-HULL, PLAS 1 1/8"X 4.75" W/NUT WHT	1816729
(Y) (AI) 20	1	EA.	NUT, PVC RETAINING THRU HULL	1042068
(AI) 21	4	EA.	PLUG, BRASS 1" DRAIN TURN TITE	0133371
(D) 22	1	EA.	PUMP, BILGE 1100GPH	1480094
(AI) (AI) (X) 23	9	EA.	SCREW, TAPPING #8A x 5/8" PTH SC	1010925
(AX) 24	1	EA.	SWITCH, FLOAT RULE W/CVR MERCURY FREE	1849537
(AI) (AI) 25	2	EA.	SCREW, TAPPING #8A X 1.25" PTH SC	1130053
26	5	FT.	HOSE, WATER 1-1/8" BLK	1042076
(A) 27	8	EA.	CLAMP, HOSE #16 3/4"-1.5" SS .505	256685
28	1	EA.	VENT, CLAMSHELL ROPE LOCKER 2" x 2"	0533430
29	1	EA.	THRU-HULL BRZ 3/4" W/NUT X-LONG	1032499
30	1	EA.	STRAINER, MARELON 3/4" SCREEN ONLY	0995589
(AI) 31	4	EA.	SCREW, TAPPING #8A x 3/4" POH SC	1213057
32	1	EA.	VALVE, MARELON BALL 2-WAY 3/4"	0557959
33	1	EA.	ELBOW, MARELON 3/4"MPT x 3/4"BARB 90D	0567958
(AN) 34	1	EA.	TRIM TAB, ASSY 9X9 W/POTTED SW BW-05	1782251
(AN) (AI) 35	6	EA.	SCREW, TAPPING #14A x 1.5" PPH SC	1008697
(AN) (AI) 36	4	EA.	SCREW, MACHINE 1/4-20 x 1/2" PPH SC	1010586
(AN) 37	4	EA.	NUT, LOCK 1/4-20 SC STD PATT	1009786
38	1	EA.	TANK, WATER 20 GAL.	1033521
39	4	EA.	TANK, BRACKET 2" x 2" x 6"	1030469
(AI) 40	4	EA.	WASHER, FENDER 1/4" x 1.25" SC	1260678
41	16	EA.	COVER, CLAMP END PROT 1/2" x .045"	0830968
(AG) 42	3	FT.	TAPE, FOAM NEOPRENE W/3M 9828 3/8"TH X 2"W	1497452
(AV) 43	12	EA.	COVER, CLAMP END PROT 1/2"L X .045"X .465"RED	0830968
44	3	FT.	HOSE, SANI/CHEMICAL TDX 5/8"	0124719
45	1	EA.	ELBOW, MARELON 1/2"MPT x 5/8" BARB x90D	0995563
(AG) 46	1	EA.	ADAPTER, SEATECH STRAIGHT 1/2"MPT-15MM	1542919
(AG) 47	1	EA.	NUT/RING/CONE, ACETAL 1/2"TH x 3/8"	0158501
(AG) 48	0	FT.	TUBING, SEATECH 15MM X 11MM BLUE	1210160
(AV) (P) 49	11	EA.	CLAMP, HOSE #10 SS	0263954
(AA) (I) 50	1	EA.	TANK, FUEL - BW 92GAL 210VT-03 W/SS SENDER	1746455
(Q) 51	1	EA.	PANEL, HDPE CLSOUT FISHWELL SEAFM	1486562
(AV) (AE) 52	1	EA.	VENT, FUEL/WATER SS 3/4" FLUSH STRAIGHT	1754881
53	8	FT.	HOSE, FUEL 1.5" TYPE A CLASS 2	0123745
(X) 54	8	FT.	HOSE, FUEL 5/8" TYPE A CLASS 2	0123778
55	8	FT.	HOSE, FUEL 5/8" ISO 7840-A2	0947499
(X) 56	4	FT.	HOSE, FUEL 3/8" ISO/CE W/PLAS LINER	1497486
(X) 57	4	FT.	HOSE, FUEL 3/8" ISO 7840-A1	0947473
58	3	EA.	CLAMP, HOSE #06M SS MINI	0123398
(AV) 59	1	EA.	SPRING, VENT 1.05" X 12" SS	1041367
60	1	EA.	BUSS BAR, GRND COPPER	1030626
61	1	EA.	COVER, ABS BW BUSS BAR BLACK	1001197
62	1	EA.	HOLDER, BATTERY GR-27 POWER GUARD	0995068
(BD) (AI) (U) 63	4	EA.	THRU-HULL, MARELON BW-06 SHORT FEMALE	1806032

 <p><b>BOSTON WHALER</b>          PRODUCT DEV. &amp; MFG. ENGINEERING GROUP</p>	INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: ANGLES = ± .5° .XXX = ± .010 .X = ± .1     X = ± 1/16 .XX = ± .03     .X = ± .03 DO NOT SCALE DRAWING	DRAWN: R.DURHAM DWG. TITLE: Thru Hulls and Outfit Details	DATE: 10/22/99 SCALE: NONE	BOAT MODEL: 210VT MOLD NO.: 18J96701	INIT. REL. ECN NO.: R8007 DWG. NO.: 06100	SHT. NO.: 4 OF 5
	Thru Hulls and Outfit Details					

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DWG. NO:  
06100

REV.  
BH

CURRENT ECO  
08095526

BILL OF MATERIAL

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
64	2	EA.	BRACKET, BATT HOLDDOWN 1.25" C	1042837
65	6	EA.	SCREW, TAPPING #8A x 1" POH	0150805
66	1	EA.	ELBOW, SEATECH 90DEG STEM 15MM	1214840
67	1	EA.	HEAD, PORTABLE MSD SANI-POTTI SLVR	258749
68	1	EA.	PUMP, HEAD SYS MACERATOR 12V EPOXY	1718984
69	1	EA.	BUSS BAR, TERM POST 2 5/16 STUDS (ANL FUSE)	1717497
70	4	EA.	SCREW, TAPPING #10A x 1.5" PTH	1008747
71	1	EA.	COVER, BW 05 TERM POST 5/16 STUDS	1794323
72	1	EA.	PUMP, RAW WATER	1043736
73	13	FT.	HOSE, WATER 3/4" BLK REINF PVC	1042100
74	2	EA.	ELBOW, PVC 1/2" FPT SWIVEL x 3/4" BARB	0626101
75	1	EA.	TEE, ACETAL 1/2" MPT	206003
76	1	EA.	PUMP, FRESH WATER SHURFLO 2.8GPM	0504969
77	2	EA.	ELBOW, ACETAL 1/2" MPT x 1/2" FPT x 90DEG	0172551
78	1	EA.	PANEL, HDPE CLOSEOUT CNSL	1309129
79	2	EA.	DRAIN SLEEVE, FLUSH IMPACT 5/8"	518878
80	1	EA.	HOLDER, BATTERY W/POLY STRAP HOLDN	1058197
81	21	EA.	SCREW, TAPPING #10A x 1" PTH SC	1008739
82	7	EA.	CLAMP, LOOM 2" G32	1704652
83	1	EA.	DRAIN, ELBOW 90DEG 1.5" SHORT THREAD	1675214
84	9	EA.	CLAMP, LOOM 1.25"	1701321
85	1	EA.	PANEL, HDPE CLOSEOUT CNSL STBD FWD	1309103
86	1	EA.	PANEL, HDPE CLOSEOUT CNSL PORT FWD	1287267
87	1	EA.	THRU-HULL, BRZ 1" W/NUT X-LONG	1691075
88	1	EA.	VALVE, MARELON BALL 2-WAY 1" LOCKING	1799576
89	1	EA.	ELBOW, MARELON 1" MPT x 1" BARB x 90DEG	0995555
90	3	FT.	HOSE, GEN PURPOSE 1"	0196667
91	16	FT.	HOSE, SANI-SMOOTH WALL 1.5"	0123844
92	8	FT.	HOSE, SANI/CHEMICAL TDX 5/8"	0124719
93	4	EA.	CLAMP, HOSE #06M 5/16-7/8" SS MINI	0123398
94	12	EA.	CLAMP, HOSE #24 1"-2" SS	0256693
95	1	EA.	VENT, FUEL TANK 3/4" SS STRAIGHT	0859157
96	4	EA.	CLAMP, HOSE #10 1/2"-1-1/8" SS	0263954
97	1	EA.	COUPLING, PLAS 'Y' 1.5" BLK	1747278
98	6	EA.	SCREW, TAPPING #10A x 1" POH SC	1008507
99	10	EA.	SNAP CAP, PLAS WHT	1031301
100	15	EA.	SNAP CAP, PLAS CLEAR WASHER	1246727
101	2	EA.	SCREW, TAPPING #10A x 1.5" PTH SC	1010610
102	4	EA.	CLIP, SUPPORT 2" DIA.	1323427
103	8	EA.	SCREW, TAPPING #8A x 5/8" PTH	1010925
104	2	EA.	FILTER, IN-LINE WATER 1/2" FPT	406710
105	1	EA.	SHIM, HDPE BW-07 FLOAT SW WHT	1849566
106	14	FT.	FOAM, BACKER ROD 1/2" DIA	1041680
107	14	FT.	FOAM, BACKER ROD 7/8" DIA	1041698
108	1	EA.	CLEAT, POLY BW-07 BATT BOX WHLR WHT	1878246
109	1	EA.	PUMP, FRSH WTR 4.0GPM 12V AQUAKING	1913893
110	1	EA.	PRIEMER, INLINE WTR SWIVEL 1/2" MPSM X	1896340
111	2	EA.	ELBOW, PVC 1/2" FPT SWIVEL X 3/4" BARB X 90DEG	0626101
112	1	EA.	TEE, PLAS 3/4" ALL BARB	0995191
113	21	EA.	SCREW, TAPPING #14A x 1" PPH SC	1008689
114	1	EA.	STEERING, POWER PACK MERC W/12' LEAD	1772668
115	1	EA.	ACC PART, MERC SPEEDOMETER/TEMP DIG	1477942
116	3	EA.	SCREW, TAPPING #8A x 1" PTH SC	1008804
117	1	EA.	TIE, CABLE 14" LG NYLON BLK	1031780
118	6	EA.	SCREW, MACHINE #1/4-20 X 1" PPH SC	1008580
119	6	EA.	NUT, LOCK #1/4-20 SC STD PATT	1009786
120	6	EA.	WASHER, FLAT #1/4" SC	1260769
121	3	EA.	THRU-HULL, MARELON BW-06 SHORT MALE	1806031
122	1	EA.	THRU-HULL, MARELON BW-06 LONG MALE	1806030
123	1	EA.	PLUG, MARELON BW-06 DRAIN 1" W/GASKET	1806033

 <p><b>BOSTON WHALER</b> PRODUCT DEV. &amp; MFG. ENGINEERING GROUP</p>	<p>INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.</p> <p>TOLERANCES: ANGLES = ± .5°    .XXX = ± .010                    .X = ± .1            .X/8 = ± 1/16                    .XX = ± .03        .X/4 = ± 1/8</p> <p>DO NOT SCALE DRAWING</p>	<p>DRAWN: R. DURHAM DWG. TITLE: Thru Hulls and Outfit Details</p>	<p>DATE: 10/22/99</p>	<p>SCALE: NONE</p>	<p>BOAT MODEL 210VT</p>	<p>MOLD NO. 18J96701</p>
	<p>INIT. REL. ECN NO: R8007</p>	<p>DWG. NO: 06100</p>	<p>SHT. NO. 5 of 5</p>			

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DWG. NO:  
12100

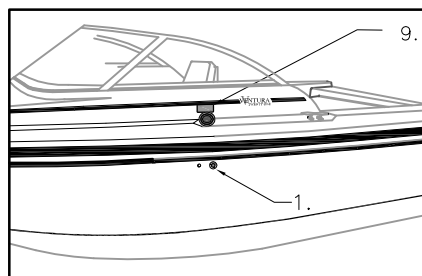
REV.  
Y

CURRENT ECD  
08014868

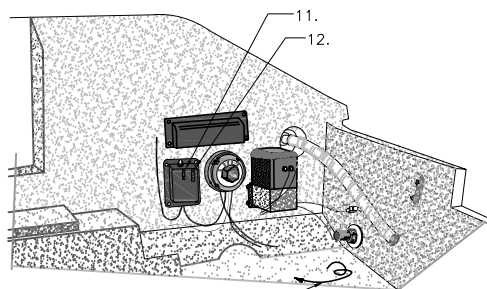
NOTES:

- CLEAN ALL AREAS WITH DENATURED ALCOHOL BEFORE APPLYING LABELS.
- LABEL 15 SHALL BE INCLUDED IN OWNERS DOCUMENTS PACKET.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
V	DELETE ITEMS 2, 3, 7. ADD ITEM 25 AND STEERING LABEL. CHANGE PN# & DESC. 4, 5, 6	SLJ	05/23/06	AVM	060242
W	ADDED ITEM #26 & OPT 100-71000 NOTE.	SL	08/31/06	AVM	060671
X	MYE '08: DELETED OPTS 020-79999,020-70238,020-70405,020-70271,020-70286	JAH	05/16/07	MG	07044290
Y	CHANGED PT#995704 TO 1907336	TKJ	3/4/08	AF	08014868

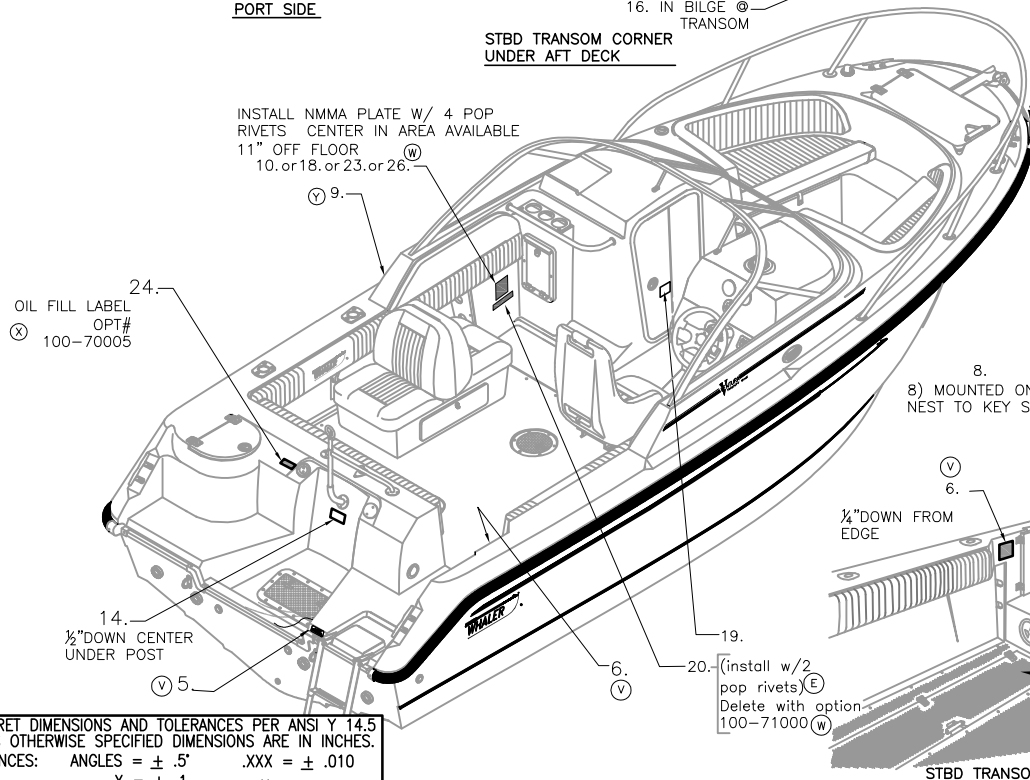


PORT SIDE



STBD TRANSOM CORNER UNDER AFT DECK

INSTALL NMMA PLATE W/ 4 POP RIVETS CENTER IN AREA AVAILABLE 11" OFF FLOOR 10, or 18, or 23, or 26.



OIL FILL LABEL OPT# 100-70005

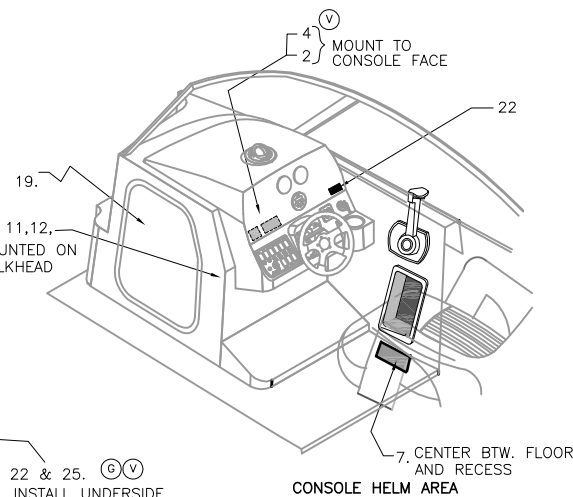
8) MOUNTED ON WALL NEST TO KEY SWITCH

1/4" DOWN FROM EDGE

(install w/2 pop rivets) Delete with option 100-71000

STBD TRANSOM INSIDE CORNER

BILL OF MATERIALS					
ITEM	QTY.	U/M	S/O	DESCRIPTION	B.W.I. NO.
1	1	EA	STD	LABEL, BW NO SMOKING - FUEL VENT	1016484
2	1	EA	STD	LABEL, BW SAFETY HI PERF - BOAT	1017136
3	1	EA	STD	LABEL, BW VENT HOSE NO DRILL	1016898
4	1	EA	STD	LABEL, DANGER CO HELM 06	1811368
5	1	EA	STD	LABEL, DANGER CO TRANSOM 06	1811367
6	1	EA	STD	LABEL, BW WARNING TRANSOM DOOR	1743571
7	1	EA	STD	LABEL, BW WARNING WIRES BENEATH NO DRILL	1016963
8	1	EA	OPT	LABEL, NOTICE OVERBOARD DISCHARGE (LEXAN)	1745156
9	1	EA	STD	LABEL, CRESTLINER WARN LEAKING FUEL/E-10	1907336
10	1	EA	STD	PLATE, NMMA 99-BW210VT	1291939
11	2	EA	STD	LABEL, BILGE	1745123
12	1	EA	STD	LABEL, BW DC MAIN BREAKER	1075282
13	1	EA	OPT	LABEL, BE DIGITAL OPTIMAX POSITIVE	1396720
14	1	EA	OPT	LABEL, BW SKI PYLON	1590140
15	1	EA	STD	LABEL, BW WINDSHIELD CARE	1016955
16	1	EA	STD	TAG, BW DO NOT PULL RIGGING	999755
17	1	EA	STD	LABEL, BW STEERING PULL WARNING	1016518
18	1	EA	OPT	PLATE, BUILDERS CE (REPLACES #10)	1291954
19	2	EA	OPT	LABEL, DOOR SECURED CLOSED WHILE UNDERWAY	1754632
20	1	EA	STD	PLATE, BW-05 MAX ENG WT 700LB/317KG	1774307
21	1	EA	STD	DECAL, MERC SMARTCRAFT NETWORKED	1743323
22	2	EA	STD	LABEL, BW CAUTION FISHWELL DRAIN PLUG	1743504
23	1	EA	OPT	PLATE, SAFETY CANADIAN CONFORMITY BW210VT-03	1746018
24	1	EA	STD/OPT	LABEL, CAUTION OIL TANK LEVEL	1799311
25	1	EA	STD	LABEL, BW-07 CAUTION AVOID INJURY BOAT MOVMT	1836858
26	1	EA	OPT	PLATE, BUILDERS AU 07-BW210VT	1850578



CONSOLE HELM AREA

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
 .X = ± .1 .XX = ± .03  
 .XX = ± .03 X = ± 1/16  
 DO NOT SCALE DRAWING



CHECKED: L. SCHOLZ	DATE: 4/17/01	DRAWN: H READ	DATE: 060700	SCALE: NTS	BOAT MODEL	MOLD NO.
APPD: E. SKAGGS	DATE: 4/17/01	DWG. TITLE:		210VT	18J96714	
DESIGN: L. SCHOLZ	DATE: 4/17/01	LABEL LOCATIONS			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. MITCHELL	DATE: 4/17/01				12100	SHT. NO.
						1 of 1

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DWG. NO: 08601  
 REV. A  
 CURRENT ECD 060557

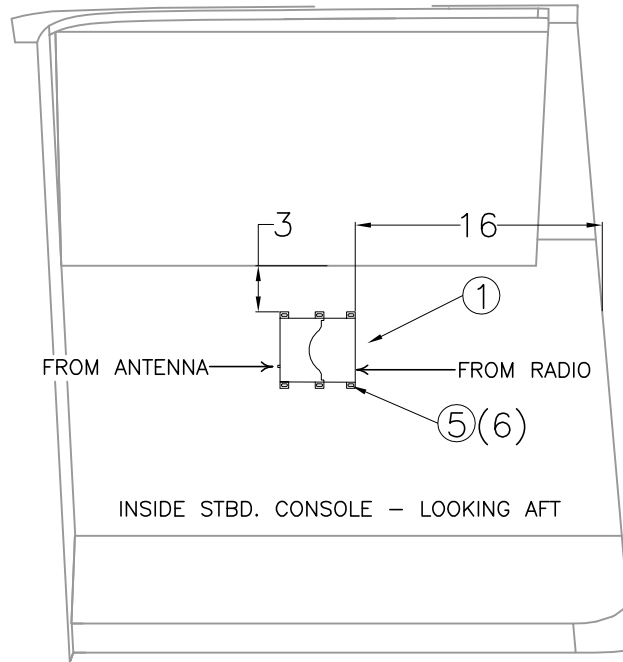
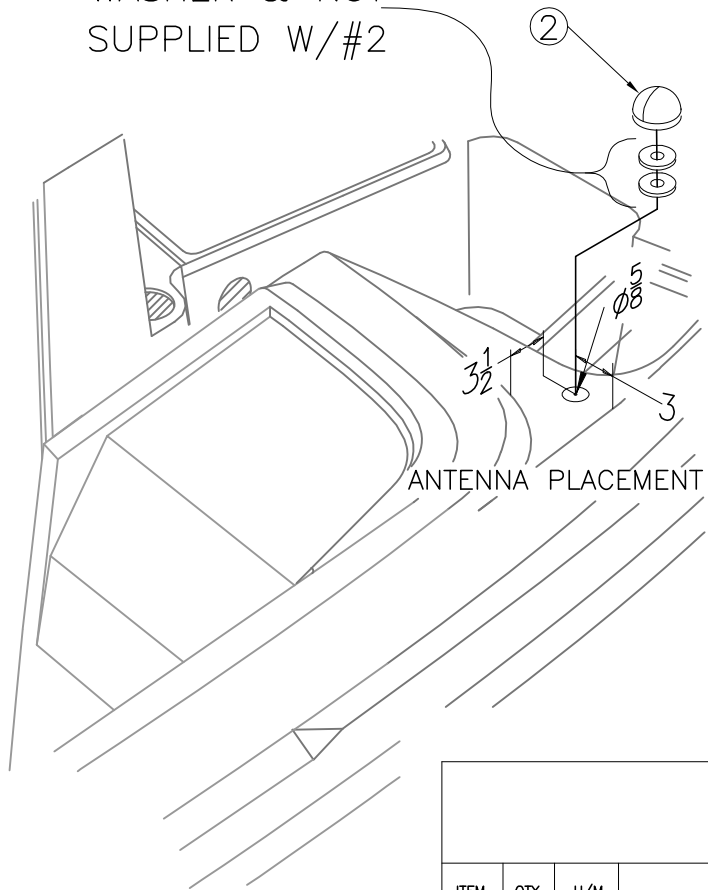
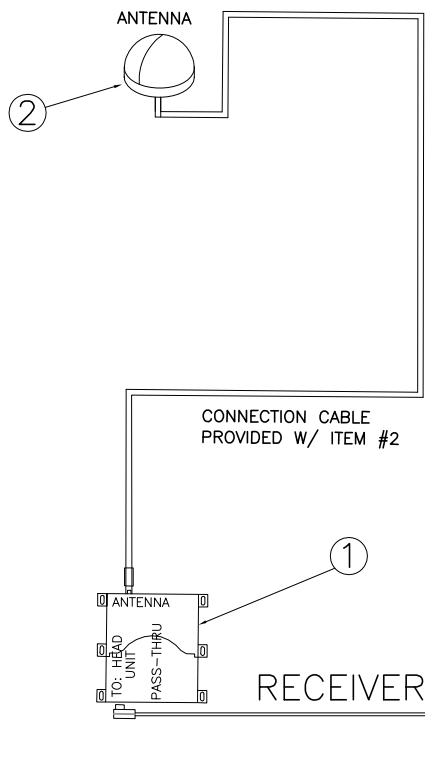
REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	MYE 07: REMOVE ITEM 6 (1008762)	SWH	05/24/06	NA	060557

NOTES:  
 1. ITEM #3&4 TO BE PLACED IN THE OWERNS BAG.

SATELLITE RADIO  
 OPT: 100-75669

WASHER & NUT  
 SUPPLIED W/#2

SATELLITE RADIO  
 WIRE DIAGRAM



PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
1	1	EA.	STEREO, SIRIUS SATELLITE RCVR SIRCL3M-6MO	1847461
2	1	EA.	ANTENNA, SHAKESPEARE SATELLITE RADIO ANTENNA	1757933
3	1	EA.	PACKET, SIRIUS WELCOME KIT	1766115
4	1	EA.	DECAL, SIRIUS "NOW PLAYING INSIDE"	1806416
5	6	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925

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 TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
 .X = ± .1 X = ± 1/16  
 .XX = ± .03 X = ± 1/16  
 DO NOT SCALE DRAWING

<p>PRODUCT DEV. &amp; MFG. ENGINEERING GROUP</p>	CHECKED: D. HOY	DATE: 05/18/06	DRAWN: S. HIESTER	DATE: 5/5/06	SCALE:	BOAT MODEL	MOLD NO.
	APPD: KR	DATE: 05/18/06	DWG. TITLE:			210VT	
	DESIGN: VPK	DATE: 05/18/06	SATELLITE RADIO			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: MG	DATE: 05/18/06				060557	08601
						SHT. NO.	
						1	of 1

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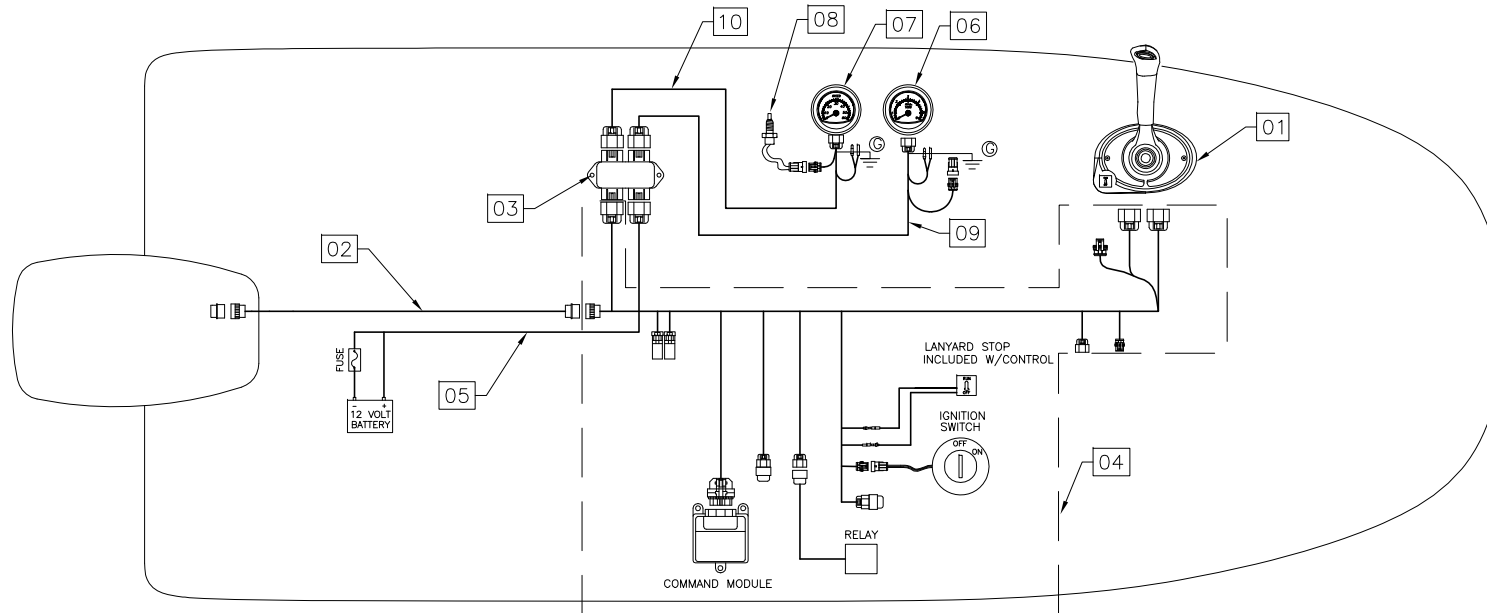
DWG. NO:  
07214

REV.  
G

CURRENT ECD  
07114686

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
D	MYE '07 UPDATED PART NUMBER 1849605 WAS 1802839	TW	07/06/06	MG	060690
E	MYE '08: PG 2 DELETED OPTS 020-70286,020-70405,020-70271,020-79999	JAH	05/16/07	MG	07044290
F	DELETE OPTION 020-70286	SLJ	06/25/07	W	07064396
G	ADDED GROUNDS TO DWG	TKJ	11/12/07	AVF	07114686



BILL OF MATERIALS

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA	CONTROL, PNL MNT SGL DTS N/HARNESS '05	1774184
02	1	EA	HARNESS, ENG MERC DATA 14-PIN 20'	1772365
03	1	EA	ACC PART, MERC S-CRFT JUNC BOX 4-WAY	1507326
04	1	EA	ACC PART, MERC SGL PNL CMM KIT GEN I	1849605
05	1	EA	HARNESS, MERC HELM POWER	1740394
06	1	EA	SYSTEM TACHOMETER	-----
07	1	EA	SYSTEM SPEEDOMETER	-----
08	1	EA	MERCURY AIR TEMP SENSOR	-----
09	1	EA	TACH HARNESS SC1000-SL-3'	-----
10	1	EA	SPEEDO HARNESS SC1000-3'	-----

①A

OPT. 020-70271 225 XL VERADO 4-STROKE (DTS) MERCURY

**WARNING!**

CORRECT INSTALLATION AND LOCATION OF THE TERMINATOR RESISTORS ARE CRITICAL FOR PROPER SYSTEM FUNCTION. IMPROPER INSTALLATION MAY RESULT IN COMMUNICATION ERRORS.

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
TOLERANCES: ANGLES = ± .5°    .XXX = ± .010  
.X = ± .1    X = ± 1/16  
.XX = ± .03    X = ± 1/16  
DO NOT SCALE DRAWING



CHECKED: R. CLIFTON	DATE: 05/27/04	DRAWN: J. MANAS	DATE: 05/10/04	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: K.R.	DATE: 05/27/04	DWG. TITLE:		210VT		
DESIGN: L. SCHOLZ	DATE: 05/27/04	DIAGRAM SMARTCRAFT SC-1000 W/DTS		INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
INT. ENG: S.H.	DATE: 05/27/04			040143	07214	1 of 2



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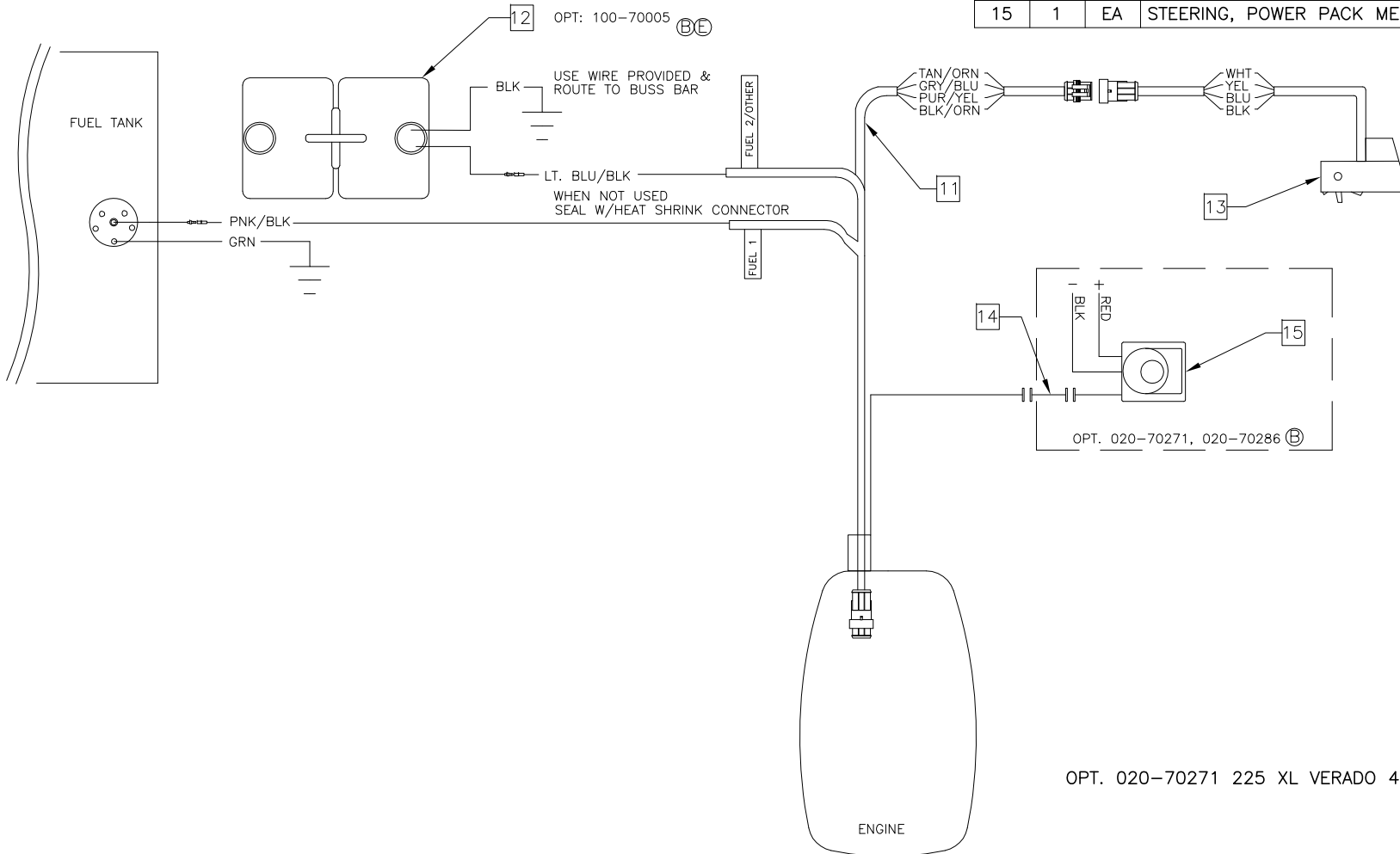
DWG. NO:  
060690

REV.  
G

CURRENT ECD  
07114686

NOTES:

BILL OF MATERIALS				
ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
11	1	EA	HARNESS, ENG MERC DIGITAL OIL/FUEL/PADDLE '06	1806644
12	1	EA	TANK, OIL VRO W/HDWR W/SEND O/B 3 GAL DIGITAL	1477926
13	1	EA	ACC PART, MERC SPEEDOMETER/TEMP DIG	1477942
14	1	EA	HARNESS, MERC SIGNAL POWER PACK ENG 10'	1772669
15	1	EA	STEERING, POWER PACK MERC W/12' LEAD	1772668



OPT. 020-70271 225 XL VERADO 4-STROKE (DTS) MERCURY



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
 .X = ± .1 X = ± 1/16  
 .XX = ± .03  
 DO NOT SCALE DRAWING

DRAWN: J. MANAS

DATE: 05/10/04

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

DIAGRAM SMARTCRAFT SC-1000 W/DTS

210VT

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

040143

07214

2 OF 2

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DWG. NO:  
07211

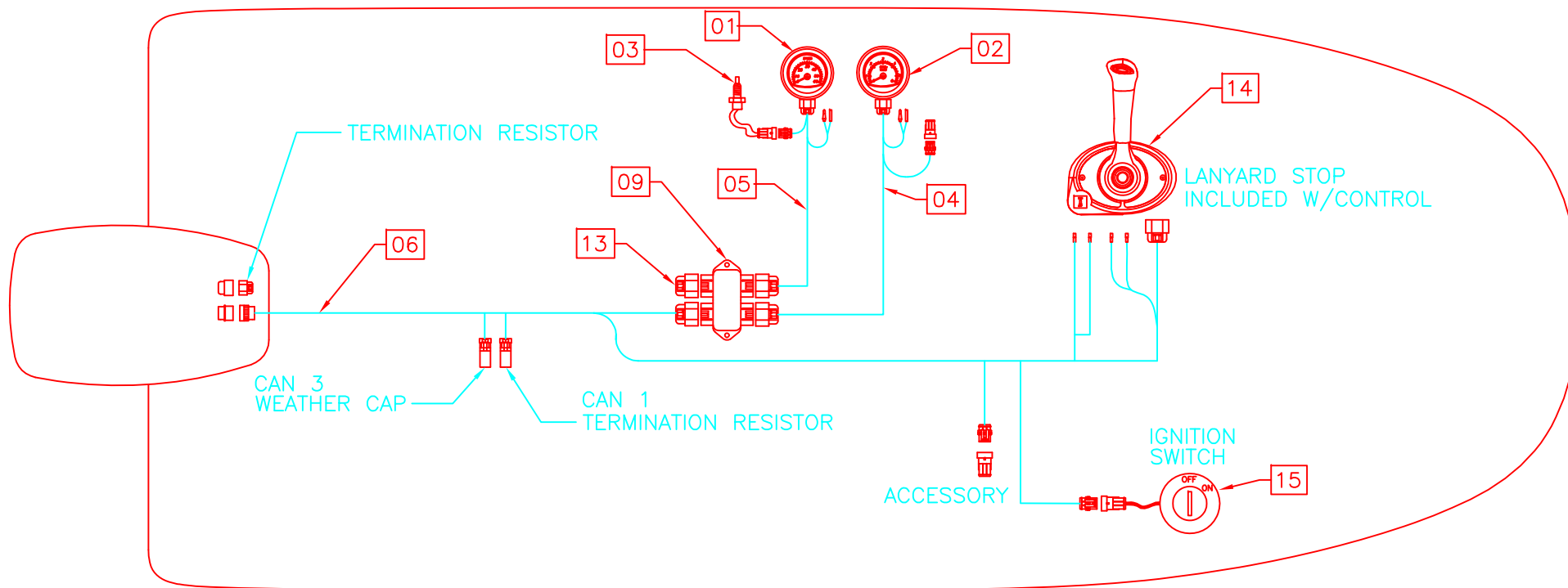
REV.  
E

CURRENT ECD  
07044290

NOTES:

- REFER TO SHEET 2 FOR PADDLE WHEEL, OIL TANK, AND FUEL TANK WIRING DETAIL.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	CHANGED NUMBERING SYSTEM / APPLY ATT. BORDER	AVM	03/18/03	-	030314
B	UPDATED SCHEMATIC / BOM (REF MODEL SPACE FOR ORIGINAL)	MRZ	05/25/05	MG	050501
C	MYE '06: UPDATE PG 2 SCHEMATIC;	MRZ	06/01/05	MG	050582
D	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/09/06	AVM	060213
E	MYE '08: PG 1 ADD OPT 100-70005; PG 2 DELETE OPTS 020-70277, 020-70278, 020-70405, 020-79999, ITEM #14 WAS 1752910	JAH	05/16/07	MG	07044290




⊙ OPT: 100-70005

**WARNING!**

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 TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
 .X = ± .1 X/X = ± 1/16  
 .XX = ± .03

DO NOT SCALE DRAWING

 <p>BOSTON WHALER PRODUCT DEV. &amp; MFG. ENGINEERING GROUP</p>	CHECKED: <b>DEH</b>	DATE: <b>06/13/05</b>	DRAWN: H READ	DATE: 05/31/05	SCALE: NONE	BOAT MODEL	MOLD NO.	
	APPD: <b>KR</b>	DATE: <b>06/15/05</b>	DWG. TITLE:			210VT		
	DESIGN: <b>VPK</b>	DATE: <b>06/13/05</b>	DIAGRAM SMARTCRAFT SINGLE DELUX			INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
	INT. ENG: <b>MG</b>	DATE: <b>06/15/05</b>				020427	07211	1 of 2

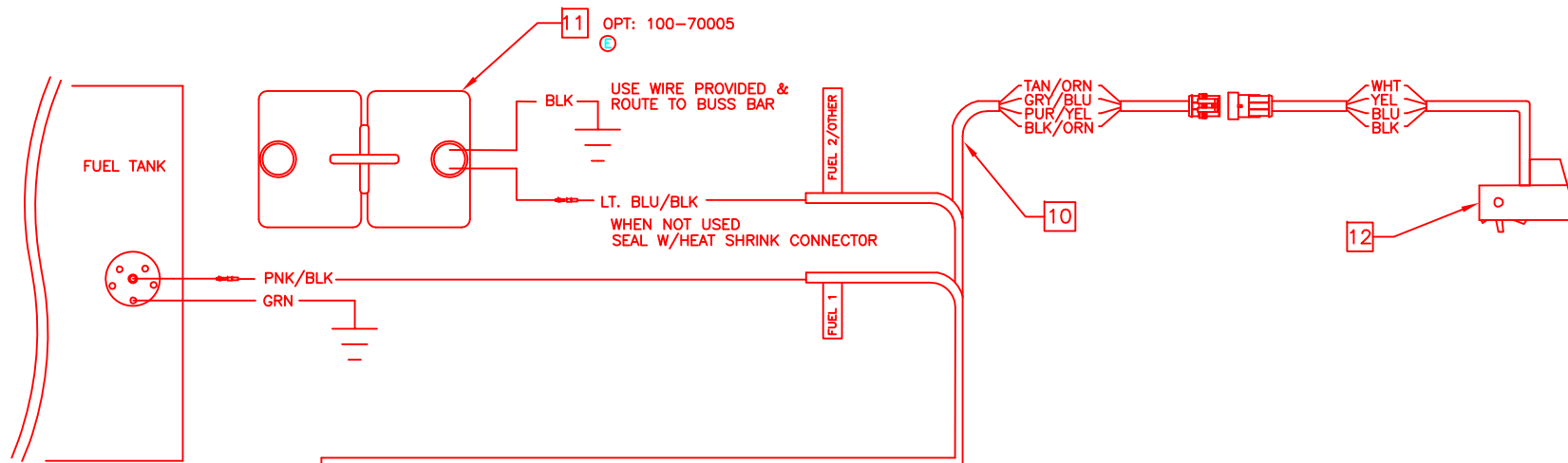
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DWG. NO:  
07211

REV.  
E

CURRENT ECD  
07044290

NOTES:



### BILL OF MATERIALS

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA	SYSTEM SPEEDOMETER	----
02	1	EA	SYSTEM TACHOMETER	----
03	1	EA	MERCURY AIR TEMP SENSOR	----
04	1	EA	TACH HARNESS SC1000-SL-3'	----
05	1	EA	SPEEDO HARNESS SC1000-3'	----
06	1	EA	HARNESS, IGN/CHOKE ASSY 14 PIN 25'	1802106
07	1	EA	HARNESS, MERC DATA S-CRFT 1000-1RSL-20'	1507268
08	1	EA	ACC PART, MERC S-CRFT TERMINATOR JUNC BOX	1507334
09	1	EA	ACC PART, MERC S-CRFT JUNC BOX 4-WAY	1507326
10	1	EA	HARNESS, ENG MERC DIGITAL OIL/FUEL/PADDLE '06	1806644
11	1	EA	TANK, OIL VRO W/HDWR W/SEND O/B 3 GAL DIGITAL	1477926
12	1	EA	ACC PART, MERC SPEEDOMETER/TEMP DIG	1477942
13	1	EA	ACC PART, MERC S-CRFT WTHR CAP 10POS CAP	1507342
14	1	EA	CONTROL, SIDE MNT LOCKBAR 3000 GEN II O/B	1754391
15	1	EA	SWITCH, IGN ASSY 4-POSITION W/HOUSING	1801954

©



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
TOLERANCES: ANGLES = ± .5° .XXX = ± .010  
.X = ± .1  
XX = ± .03 X = ± 1/16

DRAWN: H READ

DATE: 05/31/05

SCALE: NONE

BOAT MODEL

MOLD NO.

210VT

DWG. TITLE:

DIAGRAM SMARTCRAFT SINGIF DFI UX

INIT. REL. ECN NO:

DWG. NO:

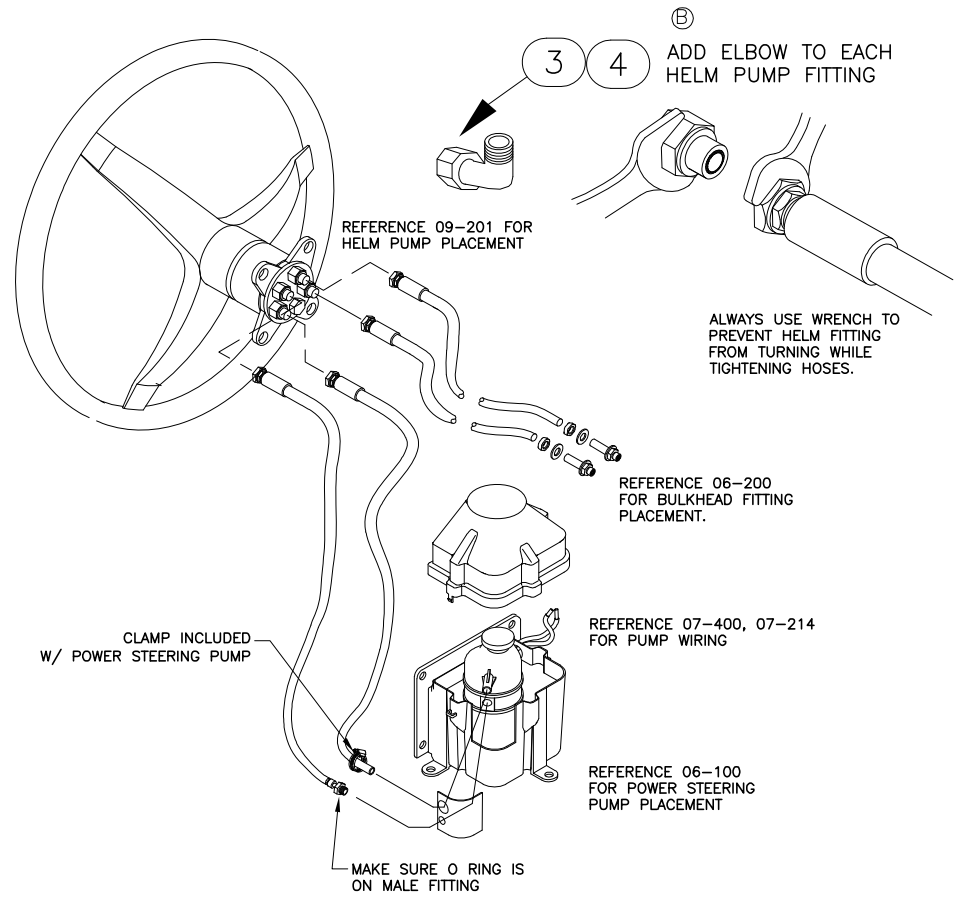
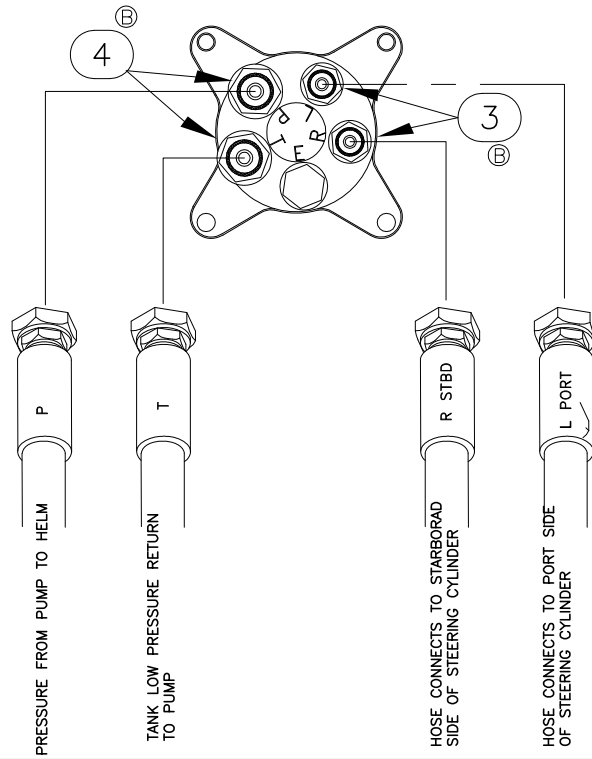
SHT. NO.

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DWG. NO: 10401	REV. K	CURRENT ECD 08045117
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1. SYSTEM REQUIRES FILLING AND BLEEDING, REFER TO INSTRUCTIONS SUPPLIED WITH POWER STEERING PUMP.
2. USE ONLY SAE 0W-30 FULL SYNTHETIC POWER STEERING FLUID SUPPLIED W/ POWER STEERING PUMP.
3. WITH OPT# 100-70401, INSTALL ITEM 7 AND PRE-BLEED AND LEAK CHECK STEERING SYSTEM.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
I	MYE '08: PG 1 DEL. OPTS 020-70285,020-70268, PG 2 DEL. OPTS	JAH	05/16/07	MG	07044290
J	DELETED OPTION # 020-, DELETED ITEM # 5	SLJ	06/25/07	W	07064396
K	MYE '09" ADDED OPT# 020-70274, SHEET 1	SLJ	05/16/08	DH	08045117



Parts List					
ITEM	QTY	U/M	DESCRIPTION	B.W.I.	NO.
1	1	EA.	STEERING, O/B HOSE KIT CYL/HELM 18" W/2 HOSES	1773924	
2	1	EA.	STEERING, O/B HOSE KIT PWR PK/HELM 18" W/2 HS	1773925	
3	2	EA.	STEERING, ELBOW BR 9/16" ORFS FEMALE X MALE	1790999	
4	2	EA.	STEERING, ELBOW BR 11/16" ORFS FEMALE X MALE	1804872	
5	1	EA.	CONTROL, SIDE MNT LOCKBAR 3000 GEN II O/B	1754391	
6	1	EA.	CONTROL, PNL MNT SGL DTS N/HARNESS	1774184	
7	1	EA.	ACC PART, KIT MERC FITTING CYL RESTRICTOR	1849386	

- ① STD:020-70271 225 XL VERADO 4-STROKE (DTS) MERCURY
- Ⓚ OPT: 020-70274 250 XL VERADO 4-STROKE (DTS) MERCURY
- Ⓞ OPT: 100-70401 (MPJ ONLY) SINGLE VERADO PRE-RIG

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
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 .X = ± .1 X = ± 1/16  
 .XX = ± .03 X = ± 1/16  
 DO NOT SCALE DRAWING

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. AVILA	DATE: 06/08/04	DRAWN: J. MANAS	DATE: 03/21/02	SCALE: NONE	BOAT MODEL	MOLD NO.	
	APPD: K. RANIERI	DATE: 06/08/04	DWG. TITLE:		210VT			
	DESIGN: L. SCHOLZ	DATE: 06/08/04	Steering/ Throttle System Installation				INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 06/08/04			040143	10401	SHT. NO.	1 of 2

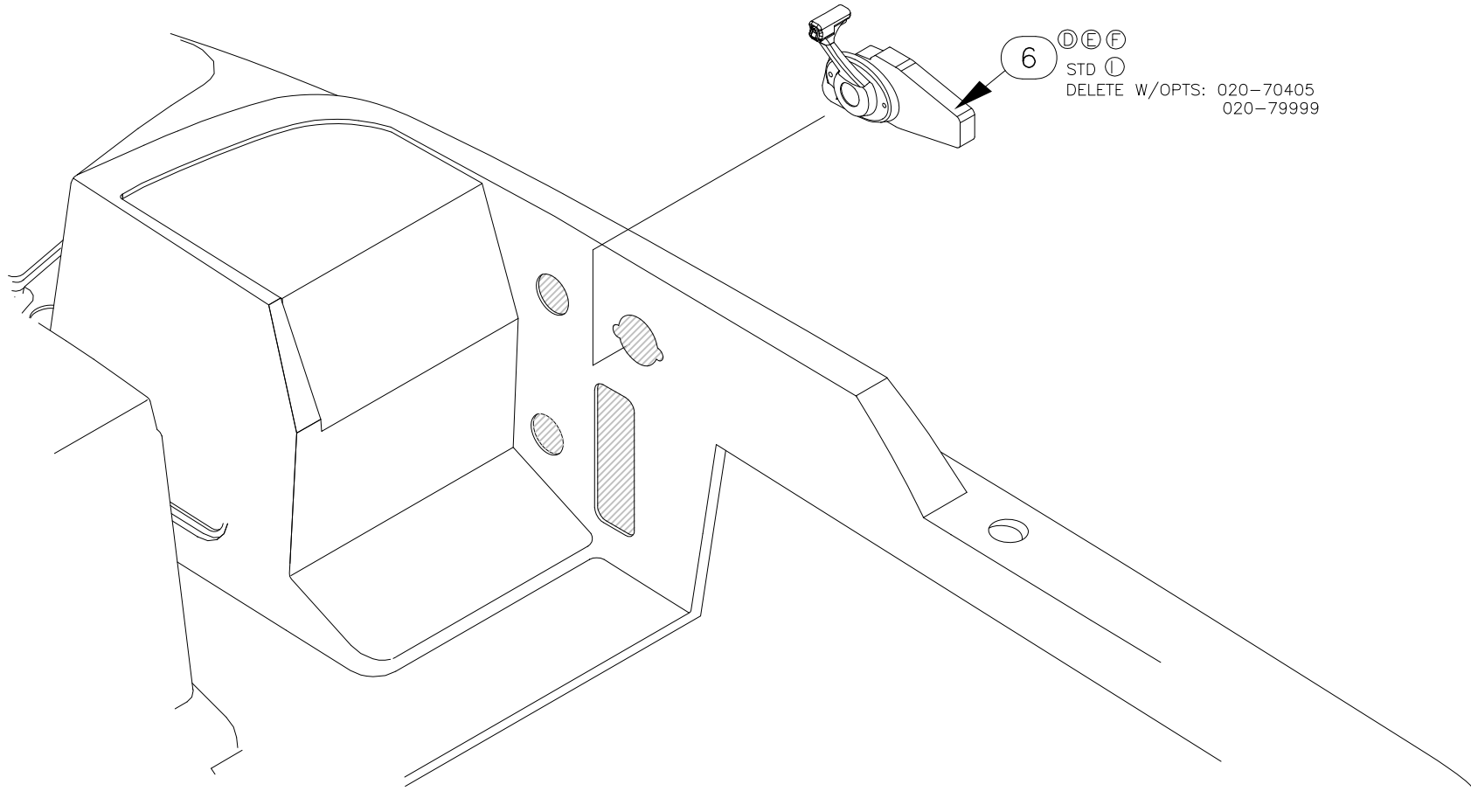
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DWG. NO:  
10401

REV.  
K

CURRENT ECD  
08045117

4. STARBOARD BOLSTER NOT SHOWN.



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
 TOLERANCES: ANGLES =  $\pm .5^\circ$  .XXX =  $\pm .010$   
 .X =  $\pm .1$   $\frac{X}{X}$  =  $\pm 1/16$   
 .XX =  $\pm .03$   
 DO NOT SCALE DRAWING

DRAWN: J. MANAS

DATE: 05/32/02

SCALE: NONE

BOAT MODEL

MOLD NO.

210VT

DWG. TITLE:

Steering./ Throttle System Installation

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

040143

10401

2 OF 2

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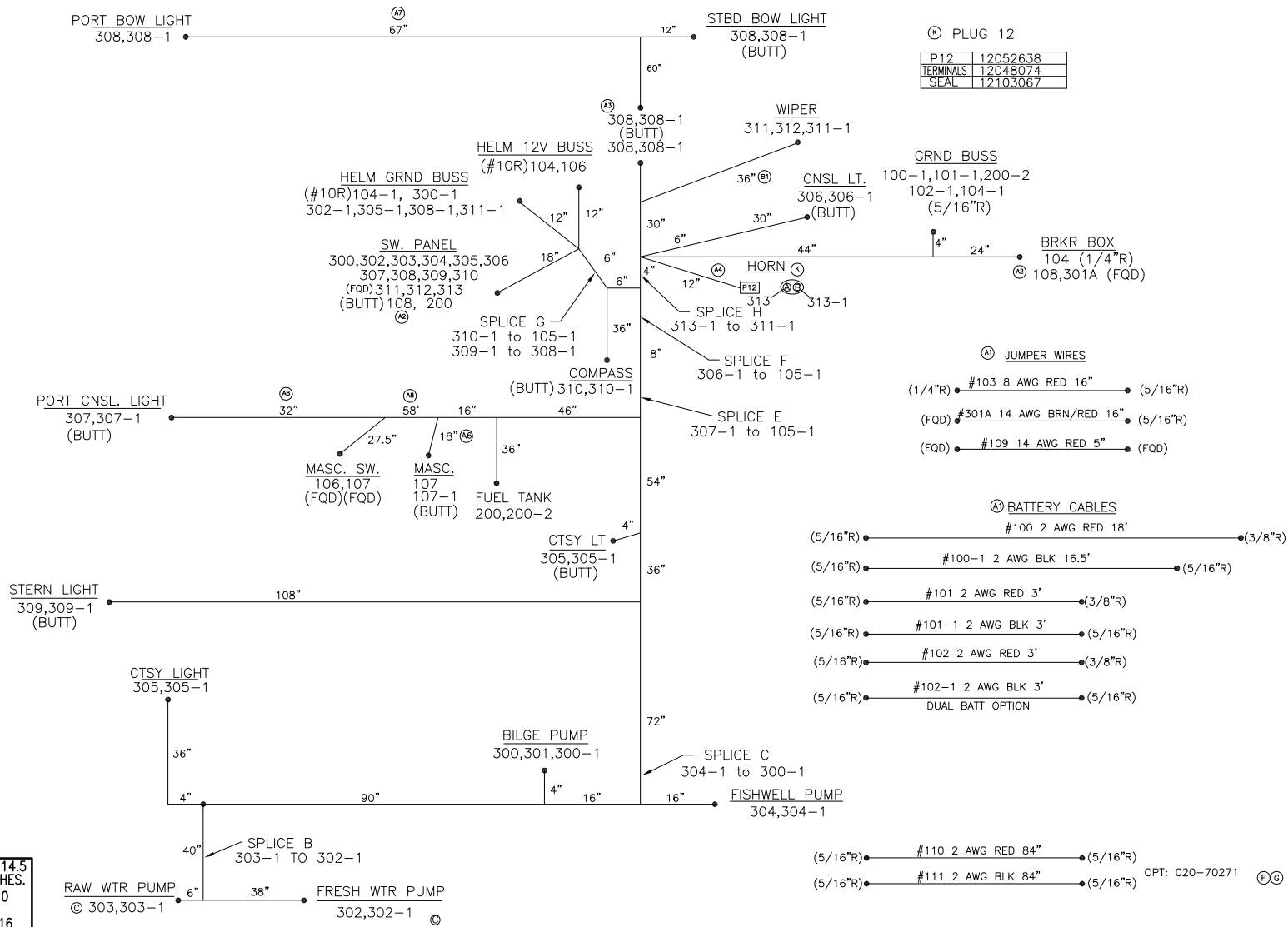
DWG. NO:  
07200

REV.  
K

CURRENT ECD  
08045155

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
H	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/09/06	AVM	060213
J	MYE 07, REMOVE FUEL FILL GROUND WIRE.	HJR	04/13/06	MG	060418
K	REMOVED BUTT CONNECTOR ON HORN, ADDED PLUG 12	SLJ	05/07/08	DHOY	08045155



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  
 TOLERANCES: ANGLES = ± .5°    .XXX = ± .010  
 .X = ± .1    X = ± 1/16  
 .XX = ± .03    X = ± 1/16  
 DO NOT SCALE DRAWING



CHECKED: D. MIELKE	DATE: 6/4/99	DRAWN: SEMPSON	DATE: 06/04/99	SCALE: NONE	BOAT MODEL 210VT	MOLD NO. 1330588
APPD: KR	DATE: 5/27/04	DWG. TITLE: WIRE HARNESS			INIT. REL. ECN NO:	DWG. NO: 07200
DESIGN: D. MIELKE	DATE: 6/4/99				DWG. NO.:	SHT. NO. 1 OF 2
INT. ENG: L. SCHOLZ	DATE: 6/4/99					

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DWG. NO:  
07200

REV.  
K

CURRENT ECD  
08045155

NOTES:

WIRE TABLE

WIRE #	AWG	COLOR	FROM	TO	LENGTH
100	2	RED	BATTERY SWITCH	ENGINE TERMINAL BLOCK	216"
101	2	RED	STANDARD BATTERY POS.	BATTERY SWITCH	36"
102	2	RED	OPTIONAL BATTERY POS.	BATTERY SWITCH	48"
103	8	RED	BATTERY SWITCH	MAIN BREAKER	16"
104	8	RED	MAIN BRKR	CONSOLE 12V BUSS	96"
106	10	RED	HELM 12V BUSS	MASC. KEY SWITCH	158"
107	10	RED	MASC. KEY SWITCH	MASC. PUMP	82"
108	14	RED	DIGITAL OPTI BRKR	GAUGE PANEL	102"
109	14	RED	BATTERY SWITCH	DIGITAL OPTI BRKR	16"
110	2	RED	BATTERY SWITCH	ENGINE TERMINAL BLOCK	84"
111	2	BLK	ENGINE TERMINAL BLOCK	BATTERY (-)	84"
200	14	PINK	FUEL SENDER	FUEL GAUGE	120"
200-1	14	GREEN	FUEL FILL FITTING	FUEL TANK BOND TAB	84"
200-2	8	GREEN	FUEL TANK BOND TAB	CONSOLE GROUND BUSS	142"
300	14	BROWN	BILGE PUMP SWITCH	BILGE PUMP	220"
301A	14	BRN/RED	BATTERY SWITCH SUPPLY	BILGE AUTO BRKR	16"
301B	14	BRN/RED	BILGE AUTO BRKR	BILGE PUMP	262"
302	14	BRN/GRN	FRESH WATER SWITCH	FRESH WATER PUMP	384"
303	14	BRN/VIO	RAW WATER SWITCH	RAW WATER PUMP	352"
304	14	BRN/BLK	FISHWELL PUMPOUT SWITCH	FISHWELL PUMP	216"
305	14	BLU/VIO	CTSY LIGHT SWITCH	AFT CTSY LIGHTS	350"
306	14	BLU/VIO	CTSY LIGHT SWITCH	STBD CONSOLE LIGHT	70"
307	14	BLU/VIO	CTSY LIGHT BRKR	PORT CTSY LIGHT	190"
308	16	GRY(ZIP)	NAV LIGHT SWITCH	BOW LIGHTS	203"
309	14	GRY/WHT	NAV LIGHT SWITCH	STERN LIGHT	236"
310	14	BLUE	NAV LIGHT SWITCH	COMPASS LIGHT	60"
311	14	ORANGE	WIPER BRKR	WIPER PARK	92"
312	14	ORG/GRN	WIPER SWITCH	WIPER MOTOR	92"
313	14	ORG/BLU	HORN SWITCH	PLUG 12, POS A	52"

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WIRE TABLE

WIRE #	AWG	COLOR	FROM	TO	LENGTH
100-1	2	BLACK	CONSOLE GROUND BUSS	ENGINE TERMINAL BLOCK	186"
101-1	2	BLACK	CONSOLE GROUND BUSS	STANDARD BATTERY	36"
102-1	2	BLACK	CONSOLE GROUND BUSS	OPTIONAL BATTERY	36"
104-1	8	BLACK	CONSOLE GROUND BUSS	HELM GROUND BUSS	76"
107-1	10	BLACK	HELM GROUND BUSS	MASCERATOR PUMP	112"
300-1	14	BLACK	HELM GROUND BUSS	BILGE PUMP	214"
302-1	14	BLACK	HELM GROUND BUSS	FRESH WATER PUMP	254"
303-1	14	BLACK	RAW WATER PUMP	SPLICE B	8"
304-1	14	BLACK	FISHWELL PUMP	SPLICE C	18"
305-1	14	BLACK	PORT/STBD CTSY LIGHT	HELM GROUND BUSS	38",6"
306-1	14	BLACK	STBD CONSOLE LIGHT	SPLICE F	42"
307-1	14	BLACK	PORT CONSOLE LIGHT	SPLICE E	154"
308-1	14	BLACK	HELM GROUND BUSS	NAV LIGHTS	185"
309-1	14	BLACK	STERN LIGHT	SPLICE H	208"
310-1	14	BLACK	COMPASS LIGHT	SPLICE G	38"
311-1	14	BLACK	HELM GROUND BUSS	WIPER MOTOR/HORN	86"
313-1	14	BLACK	PLUG 12, POS B	SPLICE G	32"

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 .X = ± .1 X = ± 1/16  
 .XX = ± .03  
 DO NOT SCALE DRAWING

DRAWN: SEMPSON

DATE: 06/04/99

SCALE: NONE

BOAT MODEL

210VT

MOLD NO.

1330588

DWG. TITLE:

WIRE HARNESS

INIT. REL. ECN NO:

DWG. NO:  
07200

SHT. NO.

2 OF 2

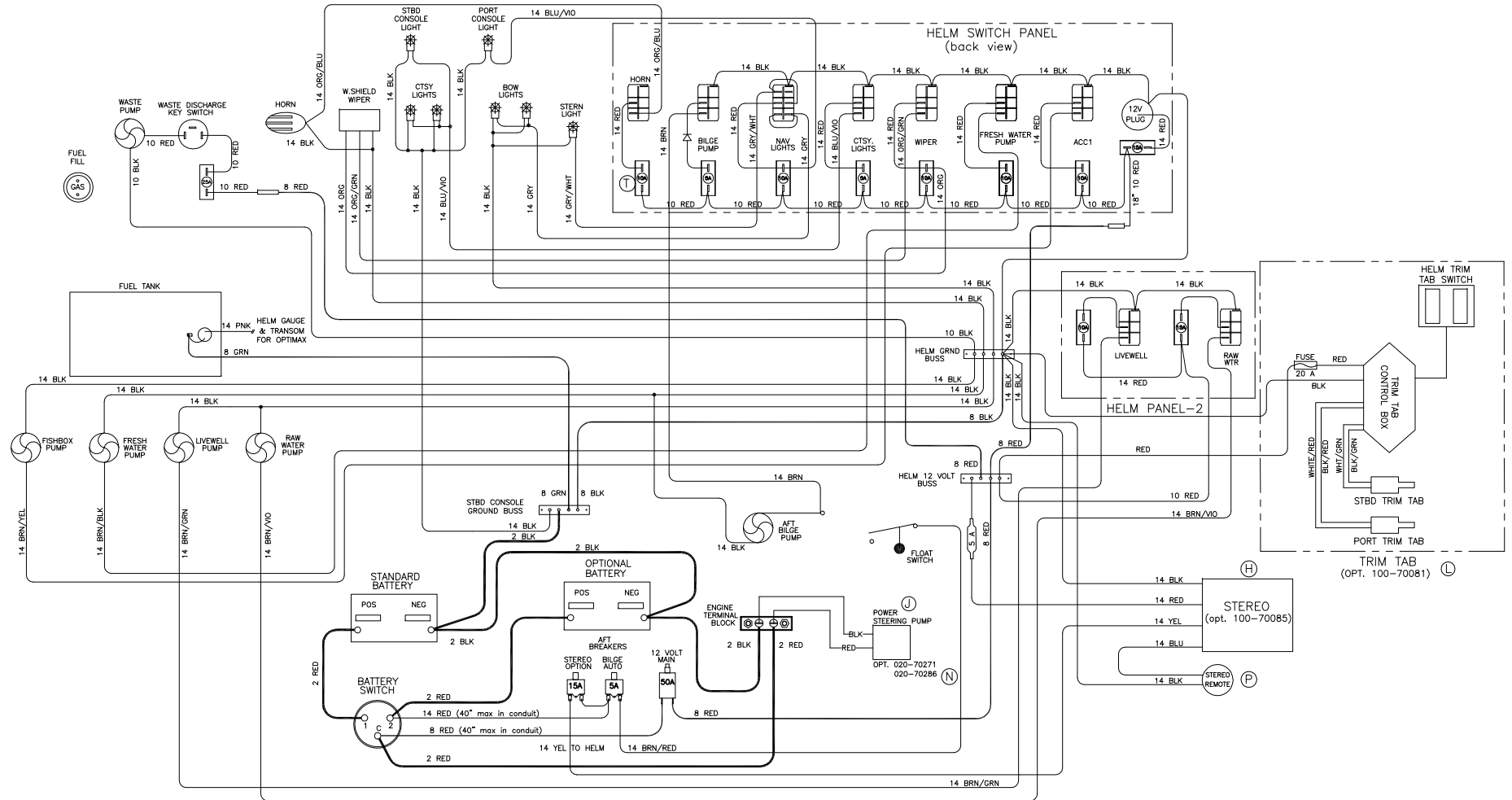
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DWG. NO:  
07400

REV.  
T

CURRENT ECD  
08045161

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
O	CHANGED WIRE LENGTH AT TRIM TAB BREAKOUT 16, WAS 8"	SLJ	11/10/05	ME	O111109
P	ADDED BREAKOUT 29 & LEAD #'S 86 & 87 FOR STEREO REMOTE.	SL	01/18/06	ME	O51106
Q	MOVE BO-5 FROM STBD STORAGE TO HELM	SWH	03/29/06	MG	O51040
R	MYE 07, REMOVE FUEL FILL GROUND WIRE	HJR	04/13/06	MG	O60418
S	CHANGED ENDS ON WIPER WIRES # 20, 21, & 40, SHEET 2	SLJ	09/18/06	AVM	O60753
T	MYE 09" HORN BREAKER WAS 5AMP, DELETED SHEETS 2 & 3	SLJ	05/12/08	DH	08045161



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 .X = ± .1    X = ± 1/16  
 .XX = ± .03    X

DO NOT SCALE DRAWING



CHECKED: R. DURHAM	DATE: 4/26/01	DRAWN: E EMPSON	DATE: 08/25/99	SCALE: NONE	BOAT MODEL 210VT	MOLD NO.
APPD: R. CLIFTON	DATE: 4/26/01	DWG. TITLE: WIRING DIAGRAM HARNESS			INIT. REL. ECN NO: R8007	DWG. NO: 07400
DESIGN: L. SCHOLZ	DATE: 4/26/01					SHT. NO. 1 of 1
INT. ENG: M. MITCHEL	DATE: 4/26/01					