



BILL OF MATERIALS				
ITEM NO.	NO. REQ.	DESCRIPTION	MATL.	REMARKS
1	1	MOORING EYE	STEEL	SEE DRAWING 121153
2	1	BOTTOM PLATE	STEEL	10-3/8 DIA. x 3/8 THK.
3	1	BOTTOM CONE	STEEL	3/16 THK.
4	1	COUNTERWEIGHT	CONCRETE	SEE NOTE 4
5	1	STIFFNER RING	STEEL	23-5/8 OD. x 19-5/8 ID x 1/4 THK
6	1	CAN WRAPPER	STEEL	3/16 THK.
7	1	CAN TOP PLATE	STEEL	23-5/8 DIA. x 3/16 THK.
8	1	LIFT EYE	STEEL	1 THK.
9	2	HALF COUPLING	STAIN. STEEL	3/4 NPT
10	2	PIPE PLUG	STAIN. STEEL	3/4 NPT
11	1	NUN WRAPPER	STEEL	3/16 THK.
12	1	TOP CONE	STEEL	3/16 THK.
13	1	NUN TOP PLATE	STEEL	7-5/8 DIA. x 3/16 THK.
14				
15	2	TOP PLATE STIFFNER	STEEL	2 x 3/16 THK.
16	1	MOORING EYE STIFFNER	STEEL	2 x 2 x 3/8 L x 10 LONG

NOTES:

- SEE LATEST REVISION OF CIVIL ENGINEERING SPECIFICATION No. G-ECV-464 FOR FABRICATION REQUIREMENTS.
- FOR MANUFACTURE OF 5CI BUOY ITEMS 1 THRU 10, 15 & 16 ARE REQUIRED.
- FOR MANUFACTURE OF 5NI BUOY ITEMS 1 THRU 5 & ITEMS 8 THRU 16 ARE REQUIRED.
- POUR ITEM 4 INTO ITEM 3 PRIOR TO ASSEMBLY. THE TOTAL WEIGHT OF ITEMS 1, 2, 3, & 4 SHALL BE 450 (+5% OR -1%).

REV.	DATE	APPR.	DESCRIPTION	BY
K	6-4-99	SM	ADDED ADDITIONAL AIR TEST FITTING (ITEMS 9 & 10).	S.M.
J	10-1-97	SW	MOD ITEMS 8, 15, AND NOTES 2 THRU 4. INCREASED HEIGHT OF CONCRETE COUNTERWEIGHT (ITEM 4). DELETED ITEM 14.	S.M.
H	10-31-94	SM	MODIFIED WELDING DETAILS A & THK. OF ITEM 13.	S.M.
G	10-28-92	WD	MODIFIED BILL OF MATERIALS, NOTE 3, AND ITEM 1. ADDED ITEM 16, SECTION B-B, AND NOTE 4.	S.M.
F	4-9-91	SW	REDRAWN USING AUTOCAD	DAG
E	9-14-83	PJG	ADDED TOLERANCE ON CWT. DIM.	GWB
D	4-18-83	PJG	CHANGED 3R TO 3 1/4R ON TOP OF 5NI BUOY. (ITEM 14)	GWB
C	3-10-83	PJG	ADDED OPTIONAL NOTE ON ITEMS 2, 3, & 12 CHANGED SPEC. No.	GWB
B	1-4-83	PJG	ADDED STIFFNER FOR ITEM 8	GWB
A	11-17-81	PJG	CHANGED ITEM 2 TO 2 HALF SECTION CHANGED ITEM 10 TO STAINLESS STEEL 304	GWB

DESIGNED: LJB DRAWN: GWB TRACED: DAG CHECKED: LJB REVIEWED BY:	U.S. COAST GUARD HEADQUARTERS CIVIL ENGINEERING 5CI & 5NI BUOYS
P. J. Glahe CH. B & S SEC. REVIEWED BY:	
R. Bates CH. SIG. BR. REVIEWED BY:	
APPROVED: D. A. Naus CHIEF OF DIVISION	DATE: 1-6-81
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. DEC ±.125, FR 1/8 ANG. ±30'	DRAWING NUMBER: 120990 REV. K
SCALE: AS NOTED	SHEET 1 OF 1