



BILL OF MATERIALS				
ITEM NO.	NO. REQ.	DESCRIPTION	MATL.	REMARKS
1	1	TOP HEAD	STEEL SHEET	MIN. THICKNESS=.0538 MAX. THICKNESS=.0658
2		BODY WRAPPER		
3		BOTTOM CONICAL WRAPPER		
4		BOTTOM HEAD		
5	2	RADAR REFLECTOR		
6		RADAR REFLECTOR BAR	STEEL	1/2 SQ.
7		SPACER BAR	STEEL	1/2 SQ.
9		UPPER RUDDER	STEEL	1/4 THK.
10		LOWER RUDDER		
11	4	RUDDER BRACE		
12	1	MOORING BAR		3/8 THK. x 2-1/2 WD
13	8	COUNTERWEIGHT PLATE		1/4 THK. x 3 WD. x 20-1/2 LG.
14	2	HEX BOLT		3/4-10 UNC - 2A x 4 LG.
15		HEX NUT		3/4-10 UNC - 2B
16		LOCK WASHER		SIZE TO SUIT ITEM 14
17		FILL HOLE CAP	PLASTIC OR RUBBER	SIZE TO SUIT FILL HOLES
18	4	RETROREFLECTIVE MATERIAL		RED. 3 WD. x 12 LG.
19	1	FOAM FILLING	POLY-URETHANE	2.0 ±0.5 PCF

- NOTES:**
- SEE LATEST REVISION OF CIVIL ENGINEERING SPECIFICATION NO. 455 FOR FABRICATION REQUIREMENTS.
 - THIS DRAWING SUPERCEDES U.S. COAST GUARD SECOND DISTRICT DRAWING NO. 3450.
 - DESIGN AND CONSTRUCTION OF THE 6NR AND 6NRWO BUOYS IS IDENTICAL. THE ONLY DIFFERENCES ARE IN THE PAINTING REQUIREMENTS, AS DESCRIBED IN SPEC. NO. 455.
 - INSTALL ITEMS 18 ON THE LEFT HAND SIDE OF ITEMS 5 AS SHOWN.
 - DO NOT WELD ITEMS 9 AND 10 TO ITEM 3.

REV.	DATE	APPR.	DESCRIPTION	BY
D	3/13/95	SW	MODIFIED WELD DETAIL BETWEEN ITEMS 12 & 10	S.M.
C	2/5/92	SW	DELETED ITEM 8. MODIFIED ITEMS 12 & 13.	S.M.
B	1/22/91	SW	REDRAWN USING AUTOCAD	S.M.
A	2-20-90	SW	CHANGE WELD ORIENTATION ON ITEM 8. CHANGED HEIGHT OF ITEM 4.	W.D.

DESIGNED:	U.S. COAST GUARD	HEADQUARTERS
DRAWN:	W.D.	
TRACED:	JKM	
CHECKED:	SM	
REVIEWED BY:		
PROJECT ENGINEER	W. Bangsh	
REVIEWED BY:		
REVIEWED BY:	S. D. Walker	
REVIEWED BY:	G-ECV-3B	
APPROVED:	James D. Garrison	DATE
	CHIEF OF OCEAN ENGINEERING BRANCH	
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±1°	DRAWING NUMBER 121118	REV. D
SCALE: NOTED	SHEET 1 OF 1	