



FENDER	D	L
18 x 33	18"	33"
24 x 33	24"	33"
32 x 50	32"	50"

18 x 33 FENDER				
BILL OF MATERIALS				
ITEM NO.	NO. REQ.	DESCRIPTION	MATL.	REMARKS
1	1	FENDER BODY	FOAM	4 PCF, SEE NOTE 1
2	2	END PLATES	STEEL	8" OD x 1-1/8 ID X 1/4 THK
3	2	LIFT EYE	STEEL	1" ID
4	1	THROUGH ROD	STEEL	1" DIA. x 36" LG

24 x 33 FENDER				
BILL OF MATERIALS				
ITEM NO.	NO. REQ.	DESCRIPTION	MATL.	REMARKS
1	1	FENDER BODY	FOAM	4 PCF, SEE NOTE 1
2	2	END PLATES	STEEL	8" OD x 1-1/8 ID X 1/4 THK
3	2	LIFT EYE	STEEL	1" ID
4	1	THROUGH ROD	STEEL	1" DIA. x 36" LG

32 x 50 FENDER				
BILL OF MATERIALS				
ITEM NO.	NO. REQ.	DESCRIPTION	MATL.	REMARKS
1	1	FENDER BODY	FOAM	4 PCF, SEE NOTE 1
2	2	END PLATES	STEEL	8" OD x 1-1/8 ID X 1/4 THK
3	2	LIFT EYE	STEEL	1" ID
4	1	THROUGH ROD	STEEL	1" DIA. x 54 LG

**NOTES:**

- SEE CIVIL ENGINEERING SPECIFICATION No. 451 FOR FABRICATION REQUIREMENTS.
- ALL STEEL PARTS SHALL BE CLEANED AND HOT DIP GALVANIZED IN ACCORDANCE WITH THE SPECIFICATION. AFTER HOT DIP GALVANIZING, RETRACE HOLES AND THREADS AS REQUIRED.

A	3-1-93	SM	MODIFIED NOTE 1 AND ADDED THREAD REQUIREMENT.	S.M.
REV.	DATE	APPR.	DESCRIPTION	BY
DESIGNED:	U.S. COAST GUARD HEADQUARTERS			
DRAWN:	CIVIL ENGINEERING			
TRACED:	CYLINDRICAL FOAM FENDERS			
CHECKED:				
REVIEWED BY:				
S. McEvoy		PROJECT ENGINEER		
S. B. Walker		REVIEWED BY:		
G-ECV-3B		APPROVED:		DATE
		R. J. Wells		8/5/91
		CHIEF OF OCEAN ENGINEERING BRANCH		
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±1°			DRAWING NUMBER	REV.
			121147	A
SCALE: NONE			SHEET 1 OF 1	