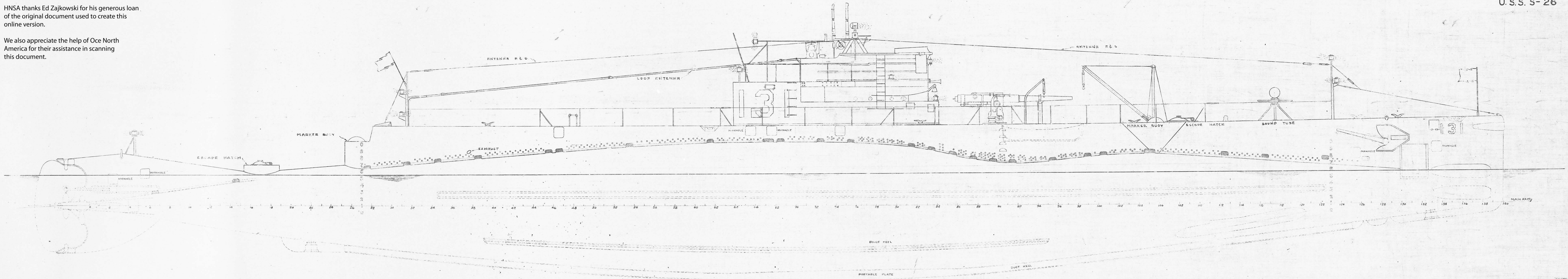
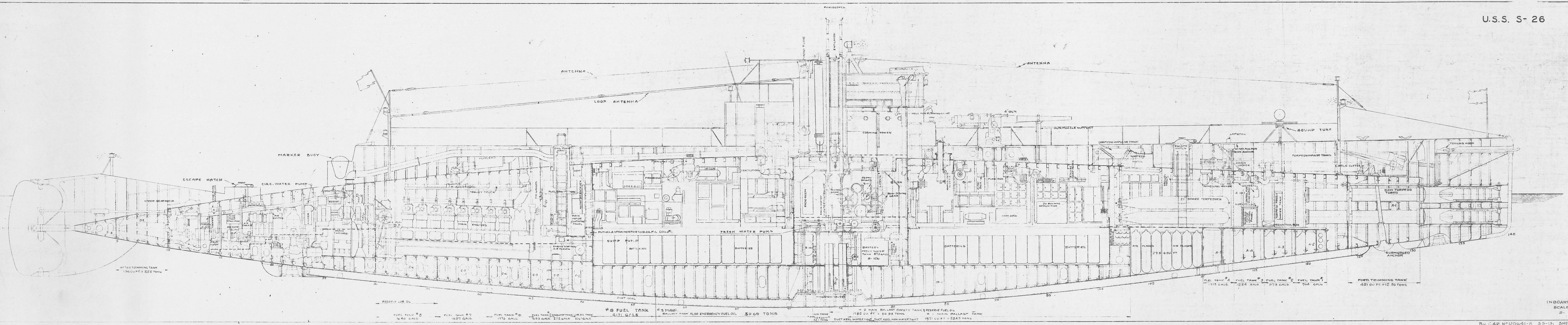


HNSA thanks Ed Zajkowski for his generous loan of the original document used to create this online version.

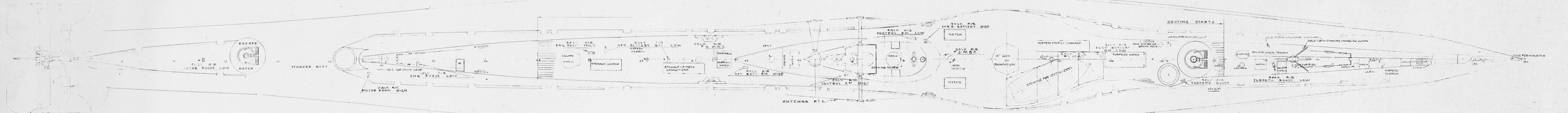
We also appreciate the help of Oce North America for their assistance in scanning this document.



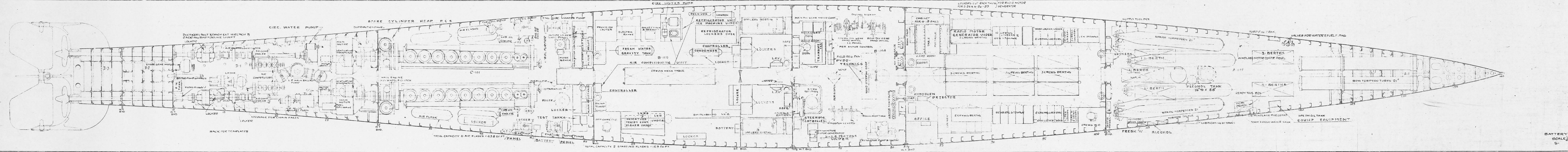
ULTIMATE DRAWING SCALE 1/4" = 1 FOOT



INBOARD PROFILE
SCALE 1/4" = 1 FOOT
S-



SUPERSTRUCTURE DECK
 SCALE 1/4" = 1 FOOT
 6-



BATTERY DECK
 SCALE 1/4" = 1 FOOT
 S-

PRINCIPAL DIMENSIONS

LENGTH OVERALL	219'-2 3/4"	HORSE POWER SUBMERGED	1500	1 HOUR
BEAM EXTREME TOP OF SUPERSTRUCTURE	20'-8 1/2"	SPEED SUBMERGED KNOTS	9 1/2	
DEPTH OF HULL TO BOTTOM OF KEEL AMIDSHIPS	22'-11 1/4"	ARMAMENT	4 TORPEDO TUBES; 1-4 GU	
DISPLACEMENT SUBMERGED TONS	1072.2	NUMBER OF TORPEDOES	12-5M-21"	
HORSE POWER SURFACE	1200			
SPEED SURFACE KNOTS	14			

TABLE OF CAPACITIES

FORD TRIMMING TANK	451 CU. FT.	1290 TONS		
NO. 1 MAIN BALLAST TANK	1871 CU. FT.	53.45 TONS		
NO. 2 MAIN BALLAST TANK	1782 CU. FT.	50.83 TONS		
AUXILIARY BALLAST TANK	1123 CU. FT.	32.1 TONS	FUEL TANK	NO 1 - 704 GALS.
NO. 3 MAIN BALLAST TANK				NO 2 - 373 "
AFTER TRIMMING TANK	134 CU. FT.	5.55 TONS		NO 3 - 1254 "
REGULATOR TANK	557 LBS.			NO 4 - 1313 "
LUBRICATING OIL TANK	1061 GALS.			NO 5 - 1693 "
SUMP TANK	272 GALS.			NO 6 - 1776 "
FRESH WATER TANK	1012 GALS.			NO 7 - 1897 "
BATTERY FRESH WATER TANKS	873 GALS.			NO 8 - 1640 "
				NO 9 - 6171 "

