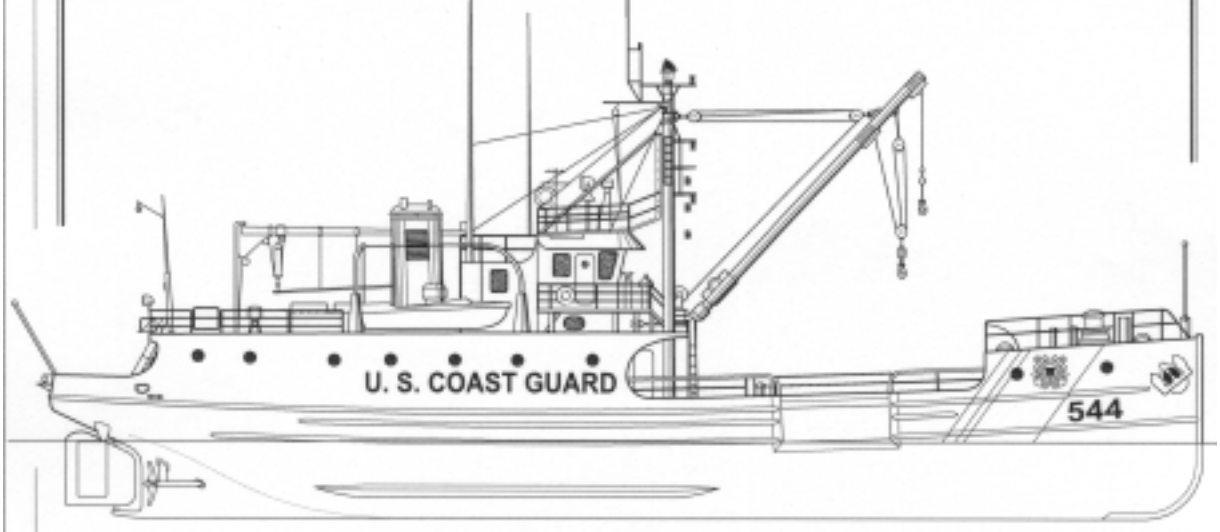
CGC "WHITE SAGE"

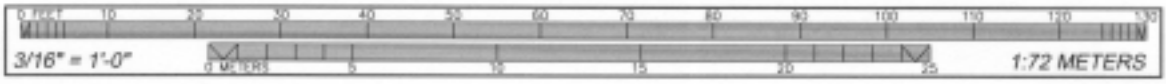
WLM-544

1943

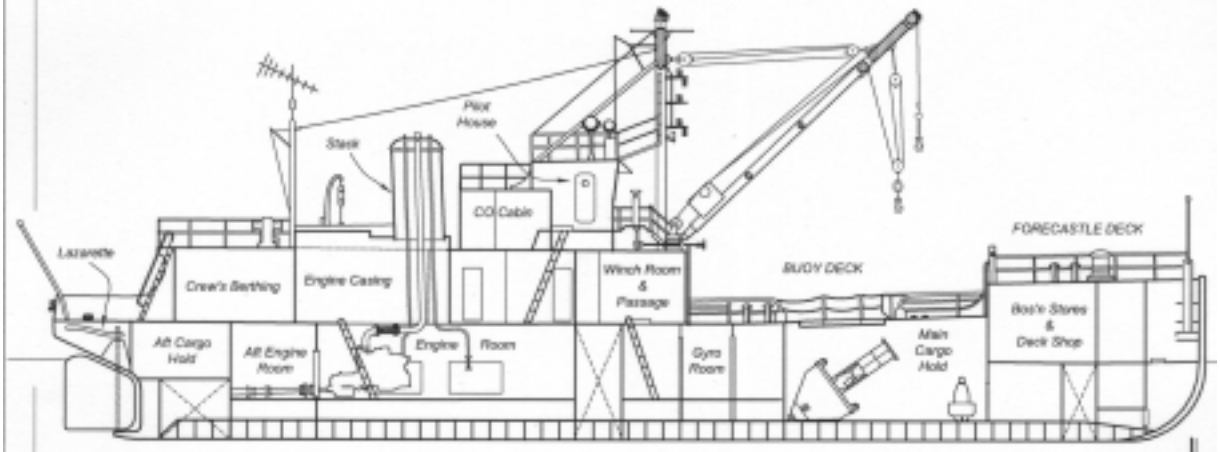
Erie Concrete & Steel Supply Company



Outboard Profile



NOTE: *This drawing was traced from historic design drawings of the USCG Cutter WHITE SAGE ("Inboard Profile", Dwg. No. 549-WAGL-0103-25; ca. 1970s). HAER did not field check dimensions or arrangement of features. Upper and Buoy deck features based in part on HAER's photographs of the vessel (RI-55-1; RI-55-4 & RI-55-16).*



Inboard Profile

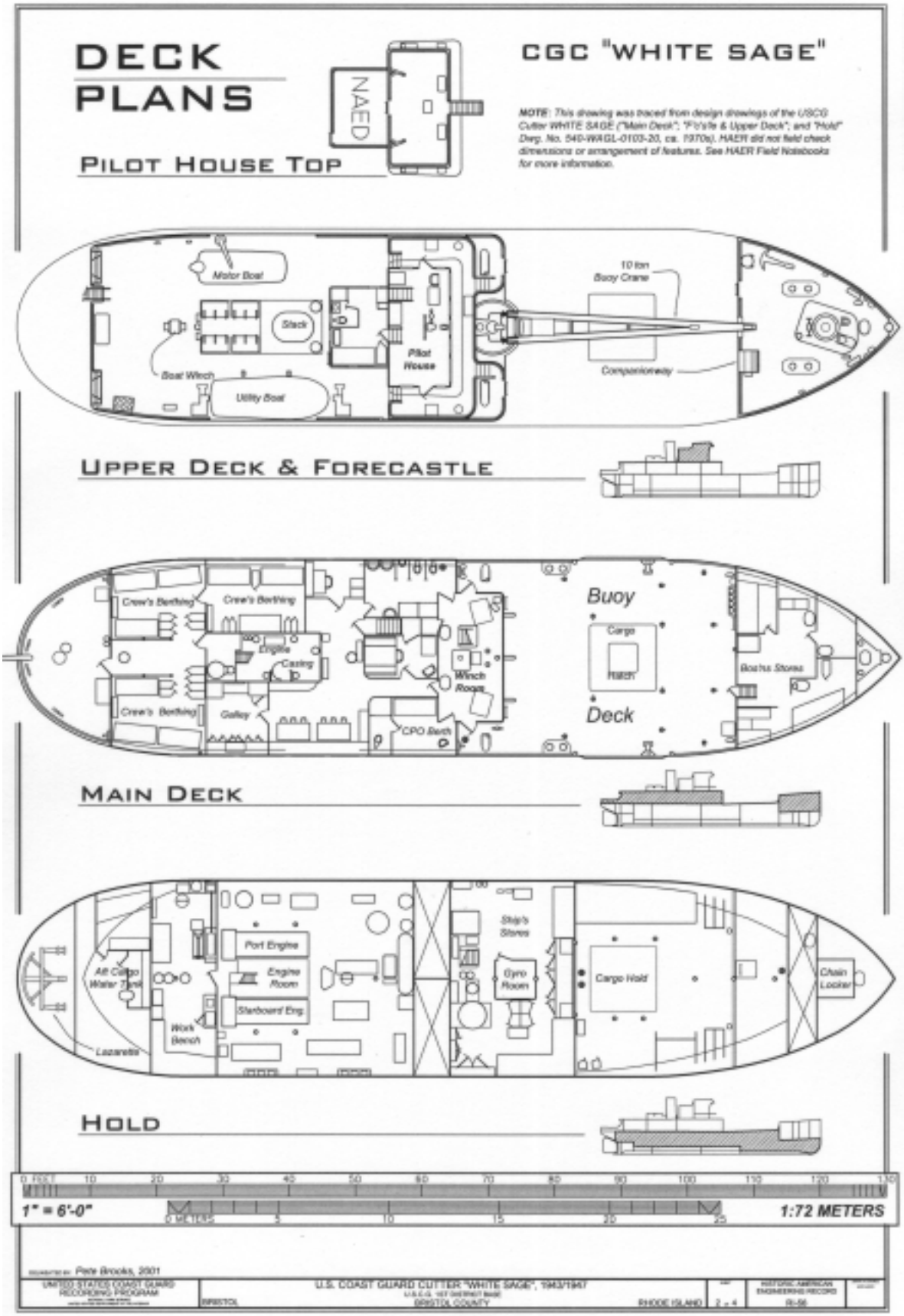
The "WHITE SAGE" was originally constructed as a yard lighter (YF 444) for the United States Navy in 1943. This class of vessel provided logistical support to naval operations during World War II. Following the war, the U.S. Coast Guard acquired eight of these vessels to perform service for their aids to navigation as buoy tenders.

The United States Coast Guard Recording Program is part of the Historic American Engineering Record (HAER), a long-range program documenting historically significant engineering, industrial, and maritime sites in the United States. The HAER program is administered by the National Park Service, U.S. Department of the Interior. The USCG Buoy Tenders, 133' Class Recording Project was sponsored during 2000 & 2001 by the USCG, Sherl Imel, liaison.

The measured drawings, historical reports and photographs were prepared under the direction of Eric DeLony, Chief of HAER & Todd Croteau, Maritime Program Manager. The team consisted of Howard Jefferson (University of the District of Columbia) & Pete Brooks, architects; Candace Clifford & Kevin Foster, historians; and Jet Lowe, photographer.

Pete Brooks, 2001

UNITED STATES COAST GUARD RECORDING PROGRAM	U.S. COAST GUARD CUTTER "WHITE SAGE", 1943/1947 U.S.C.G. 1ST DISTRICT BASE BRISTOL BRISTOL COUNTY RHODE ISLAND	1 of 5	HISTORIC AMERICAN ENGINEERING RECORD RI-58


DECK PLANS
CGC "WHITE SAGE"
NAED
NOTE: This drawing was traced from design drawings of the USCG Cutter WHITE SAGE ("Main Deck", "F'c'sle & Upper Deck", and "Hold" Dwg. No. 540-WAGL-0103-20, ca. 1970s). HAER did not field check dimensions or arrangement of features. See HAER Field Notebooks for more information.
PILOT HOUSE TOP
Motor Boat
Stack
Pilot House
Boat Winch
Utility Boat
10 ton Buoy Crane
Companionway
UPPER DECK & FORECASTLE
Crew's Berthing
Crew's Berthing
Engine Casing
Crew's Berthing
Galley
Winch Room
CPO Berth
Buoy
Cargo Hatch
Deck
Bos'ns Stores
MAIN DECK
Aft Cargo Water Tank
Port Engine
Engine Room
Starboard Eng.
Work Bench
Lazarette
Ship's Stores
Gyro Room
Cargo Hold
Chain Locker
HOLD
0 FEET 10 20 30 40 50 60 70 80 90 100 110 120 130
1" = 6'-0"
0 METERS 5 10 15 20 25
1:72 METERS
Pete Brooks, 2001
UNITED STATES COAST GUARD RECORDING PROGRAM
U.S. COAST GUARD CUTTER "WHITE SAGE", 1943/1947
BRISTOL
BRISTOL COUNTY
RHODE ISLAND
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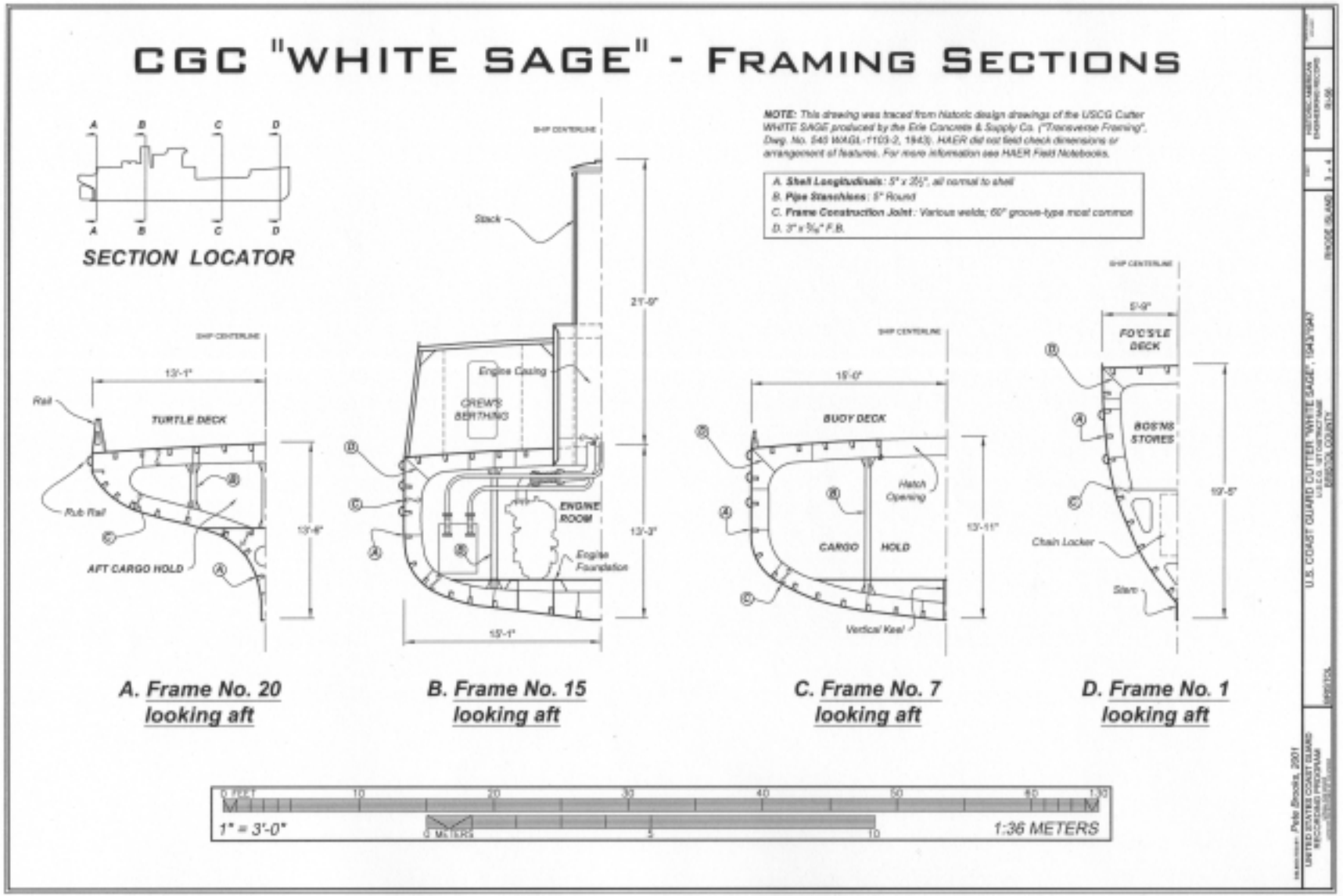
RI-56

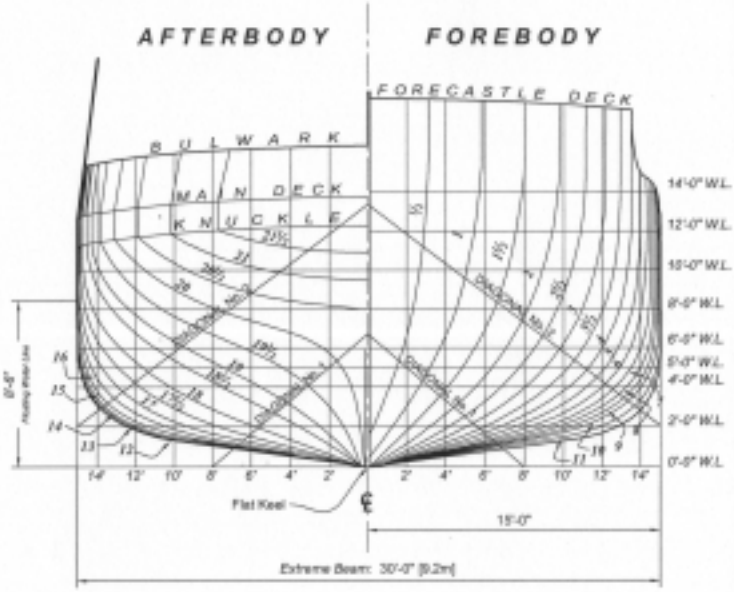

CGC "WHITE SAGE" - FRAMING SECTIONS
NOTE: This drawing was traced from historic design drawings of the USCG Cutter WHITE SAGE produced by the Erie Concrete & Supply Co. ("Transverse Framing", Dwg. No. 540 WAGL-1103-2, 1943). HAER did not field check dimensions or arrangement of features. For more information see HAER Field Notebooks.
A. Shell Longitudinals: 5" x 2½", all normal to shell
B. Pipe Stanchions: 5" Round
C. Frame Construction Joint: Various welds; 60" groove-type most common
D. 3" x 5/16" F.B.
SECTION LOCATOR
A. Frame No. 20 looking aft
B. Frame No. 15 looking aft
C. Frame No. 7 looking aft
D. Frame No. 1 looking aft
TURTLE DECK
AFT CARGO HOLD
Rail
Rub Rail
Stack
Engine Casing
CREW'S BERTHING
ENGINE ROOM
Engine Foundation
BUOY DECK
Hatch Opening
CARGO HOLD
Vertical Keel
FO'C'S'LE DECK
BOS'NS STORES
Chain Locker
Stem
1" = 3'-0"
1:36 METERS
U.S. COAST GUARD CUTTER "WHITE SAGE", 1943/1947
BRISTOL COUNTY
RHODE ISLAND
Pete Brooks, 2001

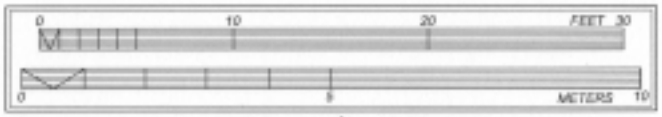
CGC "WHITE SAGE" - BODY PLAN

Table of Offsets

		FOREBODY STATIONS														
		½	1	1½	2	2½	3	3½	4	5	6	7	8	9	10	11
HALF-BREADTHS	RD'C'S'LE	2-1-4	2-8-0	8-0-2	9-9-1	11-1-2	12-1-5	12-11-0	13-6-1	–	–	–	–	–	–	–
	2' W.L.	0-2-0	1-3-0	2-9-6	3-2-6	3-10-2	5-1-3	6-8-1	8-10-5	9-5-0	9-9-6	11-0-2	11-11-6	12-6-2	12-4-3	12-4-7
	4' W.L.	1-1-4	2-7-7	4-3-4	5-9-0	6-9-0	8-1-2	9-3-1	10-5-5	12-0-5	10-3-3	14-0-5	14-5-1	14-7-4	14-7-7	14-7-7
	6' W.L.	1-8-2	3-3-1	4-10-6	6-4-7	7-4-0	8-1-2	10-3-4	11-4-0	13-6-6	13-11-7	14-6-5	14-9-3	14-10-7	14-11-1	14-11-1
	8' W.L.	1-10-2	3-4-3	5-6-3	7-1-4	8-7-0	9-10-6	11-9-6	12-9-3	14-0-2	14-4-0	14-9-5	14-11-4	15-0-6	15-0-0	15-0-0
	9' W.L.	2-4-3	4-6-7	6-6-2	8-2-7	9-8-7	10-10-1	12-1-7	12-11-2	14-4-7	14-9-1	14-10-4	14-11-6	15-0-6	15-0-0	15-0-0
	10' W.L.	2-6-5	5-1-2	7-2-3	8-11-7	10-5-0	11-8-0	12-7-4	13-3-7	14-5-7	14-9-5	14-10-4	14-11-6	15-0-6	15-0-0	15-0-0
	12' W.L.	2-11-6	5-5-5	7-7-6	9-5-6	10-10-7	12-0-2	12-10-2	13-8-6	14-6-2	14-9-1	14-10-4	14-11-6	15-0-6	15-0-0	15-0-0
	14' W.L.	3-6-6	5-8-6	7-11-1	9-6-6	10-8-6	12-1-6	–	–	–	–	–	–	–	–	–
HEIGHTS above base	RD'C'S'LE	18-1-7	18-1-7	18-0-0	17-10-7	17-9-7	17-6-0	17-8-2	17-7-6	–	–	–	–	–	–	–
	2' BUTT.	0-6-0	3-6-2	7-9-2	1-1-4	5-9-6	0-7-2	0-6-0	3-5-1	0-4-1	0-3-4	0-3-6	0-2-6	0-2-4	0-2-3	0-3-3
	4' BUTT.	–	6-9-6	3-10-2	2-7-2	1-10-5	1-5-5	1-2-1	0-11-7	0-9-5	0-8-1	0-7-6	0-6-2	0-6-7	0-6-8	0-6-4
	6' BUTT.	–	–	6-10-2	4-5-3	3-5-1	2-5-7	1-11-7	1-7-7	1-3-2	1-0-6	0-11-6	0-9-7	0-9-2	0-8-7	0-8-6
	8' BUTT.	–	–	14-7-0	7-9-1	5-10-0	3-11-6	3-1-2	2-6-4	1-10-7	1-5-7	1-3-2	1-1-3	1-0-4	1-0-0	1-0-0
	10' BUTT.	–	–	–	–	4-11-5	6-1-7	4-6-1	3-9-1	2-7-7	2-0-6	1-3-3	1-0-7	1-4-2	1-3-6	1-3-1
	12' BUTT.	–	–	–	–	–	11-10-1	9-0-1	5-11-2	3-11-4	2-11-7	2-4-5	2-0-1	1-8-5	1-8-1	1-7-5
	14' BUTT.	–	–	–	–	–	–	–	–	7-0-6	5-6-0	3-11-6	3-4-2	3-0-4	2-10-5	2-10-1
DIAGONALS	No. 1	2-1-6	3-7-5	4-8-2	5-7-7	6-4-1	6-10-8	7-3-6	7-7-4	8-0-0	8-3-7	8-6-0	8-8-6	8-8-7	8-8-4	8-9-1
	No. 2	2-0-8	8-1-0	9-1-7	9-9-6	11-0-2	12-1-2	13-0-4	13-10-1	15-0-6	15-11-1	15-6-2	15-11-1	17-1-6	17-3-0	17-2-7

		AFTERBODY STATIONS														
		12	13	14	15	16	17	17½	18	18½	19	19½	20	20½	21	21½
HALF-BREADTHS	MAIN DECK	15-0-0	15-0-0	15-0-0	15-0-0	14-11-6	14-11-6	14-10-2	14-9-0	14-6-7	14-3-0	13-9-5	13-1-6	11-10-5	10-1-7	7-6-4
	2' W.L.	12-4-7	12-4-7	12-4-7	12-4-4	11-9-4	9-9-0	7-10-6	6-0-0	4-1-7	2-7-0	1-4-2	0-5-5	–	–	–
	4' W.L.	14-7-7	14-7-7	14-7-7	14-6-6	14-2-4	13-0-2	11-10-7	10-4-1	8-2-3	5-9-6	3-1-5	0-11-1	–	–	–
	6' W.L.	14-11-1	14-11-1	14-11-1	14-10-3	14-7-6	13-10-2	13-0-4	11-10-0	10-1-4	7-8-0	4-7-6	1-5-4	–	–	–
	8' W.L.	15-0-0	15-0-0	15-0-0	14-11-6	14-10-0	14-4-6	13-10-0	12-11-4	11-7-6	9-7-5	6-6-4	3-7-6	–	–	–
	9' W.L.	15-0-0	15-0-0	15-0-0	15-0-0	14-11-6	14-10-4	14-6-1	14-3-5	13-7-6	12-7-1	10-11-6	8-3-6	2-1-7	–	–
	10' W.L.	15-0-0	15-0-0	15-0-0	15-0-0	14-11-6	14-11-6	14-10-2	14-9-6	14-5-7	14-0-1	13-1-7	11-10-6	9-9-7	6-4-1	–
HEIGHTS above base	MAIN DECK	12-3-1	12-2-4	12-2-4	12-2-4	12-2-6	12-3-1	12-2-7	12-4-3	12-5-1	12-8-7	12-8-6	12-7-7	12-9-4	12-11-3	12-1-4
	2' BUTT.	0-2-3	0-2-3	0-2-0	0-2-4	0-2-7	0-3-6	0-4-6	0-6-4	0-10-2	1-6-0	2-11-6	5-7-6	7-11-7	9-4-1	10-9-0
	4' BUTT.	0-5-4	0-5-4	0-5-4	0-5-7	0-6-5	0-8-6	0-11-1	1-3-2	1-11-6	3-11-6	4-7-1	6-7-1	8-2-4	9-6-4	10-10-2
	6' BUTT.	0-8-6	0-8-5	0-8-6	0-9-2	0-10-4	1-1-6	1-5-4	2-0-6	2-10-4	4-1-3	5-6-3	7-6-3	8-7-1	9-10-7	11-2-4
	8' BUTT.	1-0-0	1-0-0	1-0-0	1-0-4	1-2-2	1-7-0	2-0-3	2-6-4	3-10-2	5-2-0	6-6-2	7-10-4	9-2-3	10-6-1	–
	10' BUTT.	1-3-1	1-3-1	1-3-2	1-4-1	1-5-5	2-2-1	2-10-1	3-4-5	4-11-1	6-2-3	7-6-3	8-9-3	10-1-1	11-9-3	–
	12' BUTT.	1-7-6	1-7-6	1-8-1	1-10-1	2-2-4	3-2-1	4-0-7	5-1-5	6-9-2	7-8-0	8-4-2	10-1-6	–	–	–
	14' BUTT.	2-10-1	2-10-1	2-10-6	3-1-2	3-8-1	5-2-6	6-2-6	7-4-4	8-7-0	9-11-3	–	–	–	–	–
DIAGONALS	No. 1	8-9-1	8-9-1	8-8-1	8-8-7	8-7-1	8-2-3	7-10-0	7-2-0	6-9-2	5-4-5	4-0-1	2-7-1	–	–	–
	No. 2	17-2-7	17-2-7	17-2-6	17-1-1	16-8-5	15-8-7	14-11-7	14-1-2	13-0-1	11-10-6	10-7-1	9-1-1	7-5-4	5-5-3	3-9-6





SCALE: 1" = 2½' (1:32)

Note

This drawing was traced from an historic design drawing of the "WHITE PINE" and "WHITE SAGE" ("Lines & Offsets"; 540 WAGL-0500-7, 1943). HAER did not lift lines or field check dimensions. Offset data were condensed to fit available space; drawing noted above includes many more station points and reference lines. See HAER Field Notebooks for more information. Station spacing is 6'-0", half-stations at 3'-0". Zero (0) Station is located at the outer edge of stem. All offset dimensions are given in FEET-INCHES-EIGHTHS OF AN INCH. Example: 11-4-3 = 11'-4 3/8"

U.S. COAST GUARD CUTTER "WHITE SAGE", 1943/1947
U.S.C.G. 157' DERICK BARGE
BRISTOL COUNTY

Delineator: Peter Brooks, 2001
UNITED STATES COAST GUARD RECORDING PROGRAM

HISTORIC AMERICAN ENGINEERING RECORD
BODY PLAN