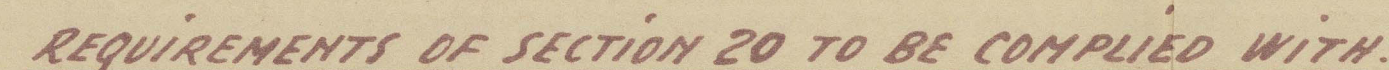


MIDSHIP-SECTION

— MIDSHIP-SECTION —



SECTION IN ENGINE ROOM.

LENGTH BETW. PERP.	=	56.00 MET.
BREADTH MLD.	=	10.20 "
DEPTH MLD.-UPPER DK.	=	6.30 "
" " - MAIN "	=	4.10 "

LLOYDS REGISTER # 100 A.I. WITH FREEBOARD  
"STRENGTHENED FOR NAVIGATION IN ICE".  
COMPLETE SUPERSTRUCTURE VESSEL  
HAVING A TONNAGE OPENING.

$D = 4.10 + 2.30 = 6.4$   
 $L \times D = 56.0 \times 6.4 = 358.4$   
 $L(B+D) = 56.0 / (0.2 + 6.4) = 929.6$   
 $L/D = 56.0 / 6.3 = 8.89$   
 $d = = 3.33$   
 BLOCKKOEFF. ON  $0.85 \times 4.10$  MLD DRAFT  
NOT TO EXCEED 0.70  
 ALL SECTIONS ARE 1924 BRITISH STANDARD.

SHELLPLATING FROM FR. N° 61 TO STEM  
AND FROM 0.3 MET. ABOVE LOAD LINE  
TO 1.2 MET. BELOW LIGHT LINE TO BE  
15.0 "IN THICK AT 68.5 "IN SPACING AND 14.5 AT 61.0 "IN SPACING.  
FORE FRAMING SEE PROFILE  
REQUIREMENTS OF SECTION 40 TO BE COMPLIED WITH.

SETTING OF BUTTS	<u>Riv's</u>	<u>Rows</u>	
KEEL PLATE FOR 1/2 L	19	3	360 x 14.5 1/4" INSIDE BUTT STRAPS
" " AT ENDS	"	2	250 x 13.0 " " "
SHELL PLATING (INCL. SHEER STR.) FOR 1/2 L	"	3	WHERE NOT BLEEDING 10.0 1/4" LAPS. SIDE SHELL D.B.E. = 2 ROWS
D.O. AT ENDS	"	2	125 " "
C.V.K. FOR 1/2 L	"	3	190 " "
" AT ENDS	16	3	150 " "
E STRAKE OF D.B. 1/2 L	"	2	110 " "
" " " AT ENDS	"	2	110 " "
MARGIN PLATE	19	2	125 " "
TANK TOP PLNG. 1/2 L	16	2	110 " "
" " " AT ENDS	"	1.	65 " "
UPPER DK. STRINGER 1/2 L	"	2	110 " "
" " " AT ENDS	"	2	110 " "
" " PLNG. 1/2 L	"	2	110 " "
" " " AT ENDS	"	1.	65 " "
MAIN DK. STRINGER	"	2	110 " "
" " PLATING	"	1.	65 " "

SHELL PLATING IN WAY OF ICE STRENGTHENING FORWARD  
TO BE RIVETED WITH 19% RIV'S IN FR. 22% W.R. IN BUTTS & SEAMS  
SPACING OF FRAME RIVETS TO BE 6d. WHERE FR. SPACING = 760%  
5/4d IN PAINTING AREA. PEAKS AND BOTTOM FRAMES FORD 1/4 L

$L(18+D) = 56.0 (10.2 + 6.3) = 924.000$   
 MIDSHIP HOUSE  $1/2 \times 10.64 \times 2.3 = 12.236$   
 WHEELHOUSE  $1/2 \times 4.1 \times 2.3 = 4.715$   
 AFT HOUSE  $1/2 \times 4.88 \times 2.3 = 5.612$   
 EQUIPMENT NUMERICAL = 946.563  
 " LETTER " 1  
 2 STOCKLESS ANCHORS @ 1080 Kg. } COLL. WEIGHT = 3075 Kg.  
 " " " 915 " }  
 1 STREAM ANCHOR " 290 " + 25% FOR STOCK  
 385 M. - 35 % (1 1/8") STUDCHAIN CABLES - MIN. WEIGHT = 10.370 Kg.  
 STREAM WIRE 1 OFF 110 M. - 83 % W. CIRC. STEEL WIRE  
 TOW LINE 1 " 165 " = 76 " " "  
 HAWSER 1 " 165 " = 57 " " "  
 WARP 1 " 165 " = 44 " " "

Okay

HP 151

A.B. CRICHTON-VULCAN OY.  
- SKERPSBYGGERI AVDELNINGEN -  
- ÅBO-FINLAND

MIDSKEPPS-SEKTION

SKALA: 1:20	KONSTR. P. 7/1-37
GRÖDER NO.	GODK. H. Rusk
FÄRTYGS NO. 747-48	747-S-1.

Midship Sect.  
(as built).

Obaywie