

FRACHTDAMPFER N°326M PROJECT.

SCALE: 1:24 MATERIAL: STEEL

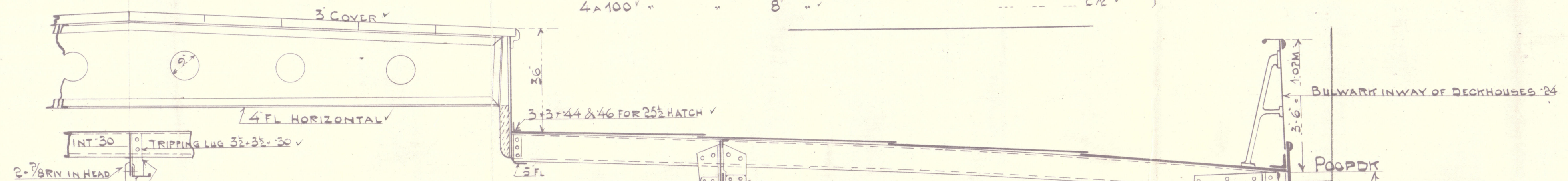
CLASS: 100 A1 BR LLOYD.

DIMENSIONS: 482'-4" LENGTH OUTS 55'-6" MLD 32'-1" DEPTH MLD UPPER DECK
147'-0" MTR. x 19'-0" MTR. x 9'-8" MTR.

EQUIPMENT S.B.G. 23673. BR LLOYD 48859

3 BOWERS STOCKLESS PATENT A 8 1/2 CWT'S OR 2 x 8 1/2 CWT'S
1 STREAM ANCHOR EX STOCK 25
1 KEDGE 12
300 FATHOMS STUO CHAIN CABLE 2 1/2
120 " STREAM CHAIN 1 1/2 1/2 OR STEELWIRE 4 1/2 CIRC
130 " HEMP 1 1/2 CIRC 5 1/2
4 x 100 " 8 " 2 1/2
SPECIAL FLEXIBLE STEEL
WITH OWNERS CONSENT

WEATHERDECK HATCHES TO HAVE 6" CROP.



B. 62'46"
D. 32'08"
94'54" T.N.
482'33"
455'59" L.N.
2'17"11/2"
L/D POK 11'08" 1/2 P
1/2 BDK 15'03"

NB. TRIPPING LUGS 3 1/2 x 3 1/2 AT EVERY PILLAR TO FLANGE OF ANGLE. LUGS AT BEAMS BETWEEN PILLARS 3/2 IN DEPTH OF BEAM GIRDERS FITTED BETWEEN HATCHES.

ALL PILLARS TO HAVE A BEARING AT HEAD AND HEEL!

NB. 1 EXTRA BND!

FRAMESPACING: 28" FOR 1/2 L FORWARD 27" IN PEAKS 24"
FRAMES IN N°1, 2 & 4 HOLD (LWD) 9 1/2 x 3 1/2 x 52" TO GUNWALE
FRAMES IN N°5, 6 & 7 HOLD 11 x 3 1/2 x 60" TO GUNWALE
FRAMES IN N°8 HOLD 8 x 3 1/2 x 48" EXTENDING TO GUNWALE
REV BARS " " 7 x 3 1/2 x 42" L " 2ND DR. 2ND DR. BARS TO UDK
FRAMES IN MACHINERY SPACE 8 x 3 1/2 x 48" WITH WEBFRAMES ACC TO PROFILE & SKETCHED
" AT BILGE FOR 1/2 L AMIDSHIPS 3 1/2 x 3 1/2 x 46" FOR 1/2 L
" IN PEAKS 8 x 3 1/2 x 48" EXTENDING TO GUNWALE
SINGLE FRAME TO BULKHEAD 5 x 5 x 52" L ZIG-ZAG RIV. AND ACC TO HEIGHT SEE TABLE
DOUBLE FRAME TO WEBFR 3 1/2 x 3 1/2 x 46" OR 6 x 6 x 52" SINGLE

FORGINGS: STEM 11 x 3. PROPELLER POST 11 x 9. RUDDERPOST 9 x 9
RUDDERHEAD 11. PINTLES 5. SINGLE PLT 1 1/2 ACC TO FORMULA

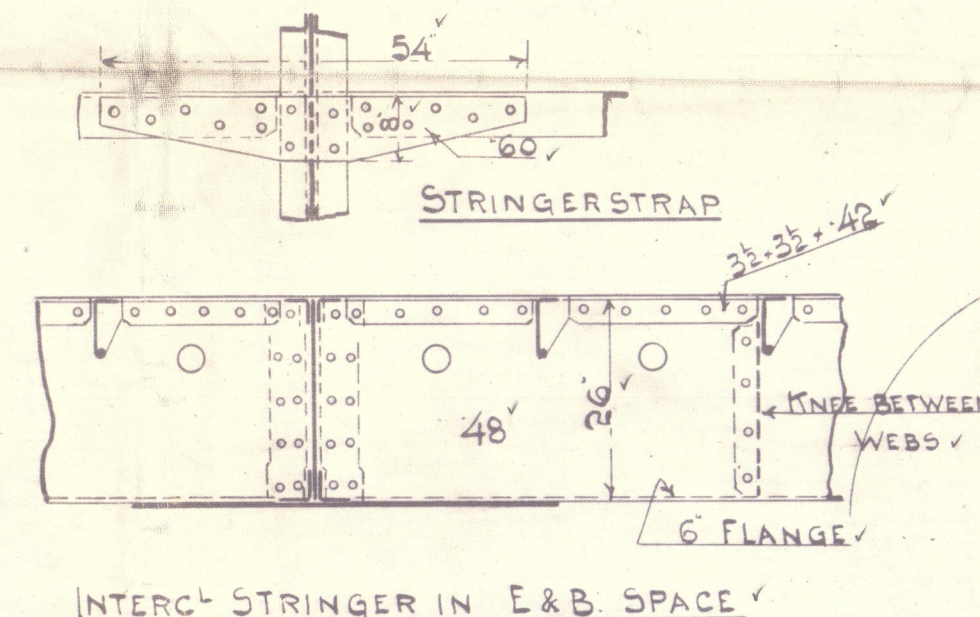
THICKNESS OF HATCH COAMINGS					
HATCH	N°	DISTANCE	WEATHERDECK	LOWER DECK	
18-21-22	44	40	48	40	
25	46	40	50	40	

BEAMS TO EV FR (3R OF PILLAR) 8 x 3 1/2 x 46" IN WAY OF CASING AND 3/2 HOLD (2R OF PILLAR) 9 x 3 1/2 x 48"
BEAMKNEES 66 x 27 x 48"
STRINGER 50 x 24 TO 38 x 44"
STRINGERANGLE 4 x 4 x 50 TO 44" IN WELL 6 x 6 x 76"
STEELDECK 42 TO 36" IN WELL AT BREAK 60 TO 36" AT END
PILLARS 3 ROWS AS PER PROFILE
RIVETING: BUTTS OF STRINGERPL 3 BLE OVERL FOR FULL LENGTH
STEELDECK 2 BLE FOR 1/2 L. SEAMS SINGLE

LIST OF EQUIVALENT B SECTIONS	
BRITISH SECTION	GERMAN SECTION
7 x 3 x 42 I	180 x 75 x 10 3/4
8 x 3 x 44 I	200 x 75 x 11 1/2
8 x 3 1/2 x 48	200 x 85 x 12 1/2
8 1/2 x 3 x 46	220 x 75 x 10 3/4
9 x 3 x 50	230 x 90 x 12 1/2
9 x 3 1/2 x 48	230 x 90 x 12
9 1/2 x 3 1/2 x 52	240 x 90 x 13 1/2
10 x 3 1/2 x 52 to 56	250 x 90 x 13 1/2 to 14 1/2
10 1/2 x 3 1/2 x 60	270 x 90 x 14 3/8
11 x 3 1/2 x 62	280 x 90 x 15 3/8

BULKHEAD PLATING & STIFFENING.			
FR	DEPTH AT MIDDLELINE	STIFFENERS	PLATING
N°	UDK	2ND DR	3RD DR
8-10	35'-6"	23'-4 1/2"	13'-10 1/2"
32	31'-6"	21'-3 1/2"	11'-10 1/2"
58	28'-1 1/2"	19'-1 1/2"	10'-3 1/2"
83	25'-5 1/2"	17'-5 1/2"	9'-3 1/2"
120	22'-4 1/2"	15'-4 1/2"	8'-3 1/2"
137	21'-0"	14'-0"	7'-6"
152	19'-6"	12'-6"	6'-6"
178	18'-0"	11'-0"	5'-6"
199	17'-0"	10'-0"	4'-6"

WEBFRAMES IN MACHINERY SPACE.



DOUBLE BOTTOM

	IN HOLD	IN BOILERSP.	IN ENGINE	RIVETING
FLOOR PLATES ON EV FR	24 TO 40	54	44	STIFFENED BY ANGLES AS BELOW
INTERCOSTALS	FLD 44 TO 40	52	NOT FLD 42	"
BOTTOM FRAMES	35 x 3 1/2 x 46 TO 44	46	46	"
REVERSE FRAMES	35 x 3 1/2 x 46 TO 44	50 2 BLE UNDER BOILER PLATE	46 2 BLE TO SIDE GIRDER OUTSIDE ENGINE SEATING	"
CENTRE GIRDER	47 x 58 TO 46	64	58	BUTTS 3 BLE RIV OVERL
MARGIN PLATE	52 TO 52	58	52	" 3 BLE RIV OVERL
TANK TOP - MIDDLESTR	47 x 54 TO 44	58	54	" 3 " " FOR 1/2 L
SIDE STRAKES	42 TO 38	58	52	" 2 " " "

LOWER DECK IN N°1, 2 & 4 HOLD

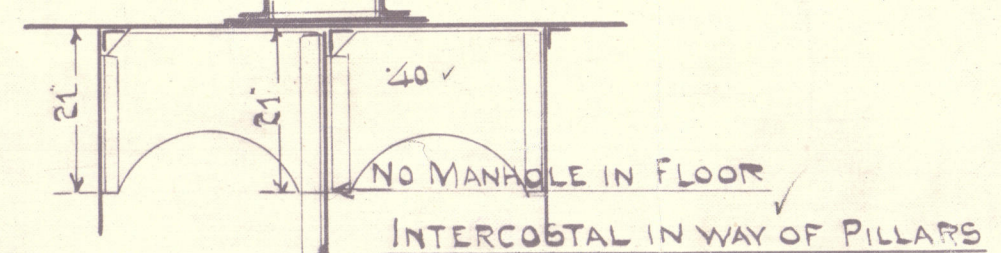
BEAMS TO ALT FR 12 x 6 1/2 x 54" I BEAMKNEES 36 x 54"
STRINGER 50 x 44 TO 38 x 44. STRINGERANGLE 4 x 4 x 50 TO 44"
TIEPLTS 4 x 4 WOODDR 11 x 2 1/2 WITH 1" SPACING STEEL IN N°4 HOLD 30 x 34
BUTTS OF STRINGER & TIEPLTS 3 BLE OVERL STEELDK SINGLE

NOTE: SIDESTRAKES HAVE BEEN INCREASED TO ALL FORD & AFT - 72 TO 50 FOR OMISSION OF SIDE STRINGERS EXCEPT IN WAY AND ABOVE 3RD DR FORM WHERE REDUCED TO 48" IN WAY OF BHD SHELL TO BE DOUBLED OR KNEES TO BE PROVIDED IN POSITION OF STRINGERS

PLATING: ALL AFTER-LENGTHS OF PLATING CONNECTED TO STERNPOST TO BE OF MIDSHIP THICKNESS. BOSS-PLATES 82 THICK. VESSEL STRENGTHENED FORM FOR FULL FORM AS PER SEC 17.

RIVETING OF SHELL: BUTTS OF SHEERSTRAKE & STR BELOW 4 BLE OVERL TO 3 BLE AT ENDS ACC TO TABLE
FCSTLE SIDE PLTG 2 BLE OVERL BUTTS OF FLAT PLT KEEL 2 BLE STRAPPED 3 BLE RIV TO 4 BLE OVERL AT ENDS
BUTTS OF BOTTOM PLATING FROM KEEL TO UPPER TURN OF BILGE 4 BLE OVERL TO 3 BLE AT ENDS
" " SIDE " " BILGE TO STRAKE BELOW SHEERSTRAKE 4 BLE OVERL TO 3 BLE AT ENDS

SEAMS OF BOTTOM AND SIDE PLATING FROM KEEL TO SHEERSTRAKE 2 BLE RIV WITH THE EXCEPTION OF SEAMS FOR 1/2 DEPTH OF VESSEL IN THE FORE & AFTER BODIES WHERE 3 BLE RIV TO BE PROVIDED. SEE FOOTNOTE T. 21. *Sketch to be submitted.*
RIVETS THROUGH SHELL & FRAMES AND FRAMES & REV FRAMES TO BE SPACED 6 DIA APART. RIVETS THROUGH SHELL & FRAMES IN PEAKS 5/2 DIA. 7-7/8 RIV & 5-1/8 RIV RESP IN EACH ROW BETWEEN FRAMES EXCL RIVETS THROUGH FRAME.
2 RIVETS THROUGH LANDING EDGE & FRAME WHERE LANDING EDGE OR FRAME IS JOGGLED BEFORE 3/2 L FORWARD RIVETS THROUGH FRAMES & PLTG
FORMING FLAT OF BOTTOM TO BE SPACED 5/2 DIA APART. 5 RIVETS IN EACH FLANGE OF STRINGER LUG AND ALL INT IN D.B. TO OUTSIDE PLTG
STERN FRAME BELOW BOSS TO HAVE 3 ROWS OF RIVETS. RIVETS IN STEM & STERNFRAME TO BE 4 LARGER.



PROJECT

N° 326M

N° 332

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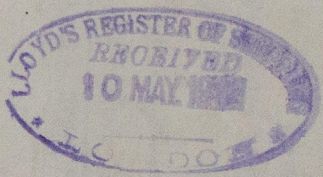
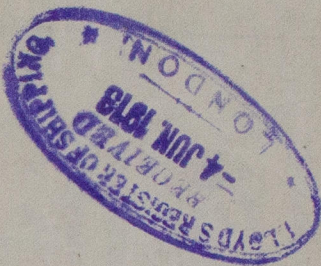
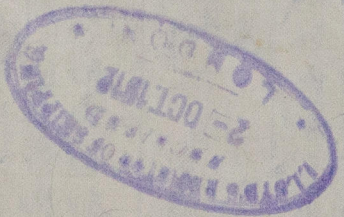
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Transverse plan of the Haulung S.B. Co

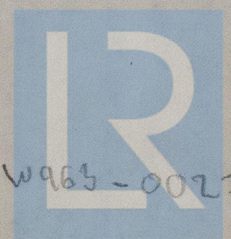
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Haulung letter 9/5/12

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