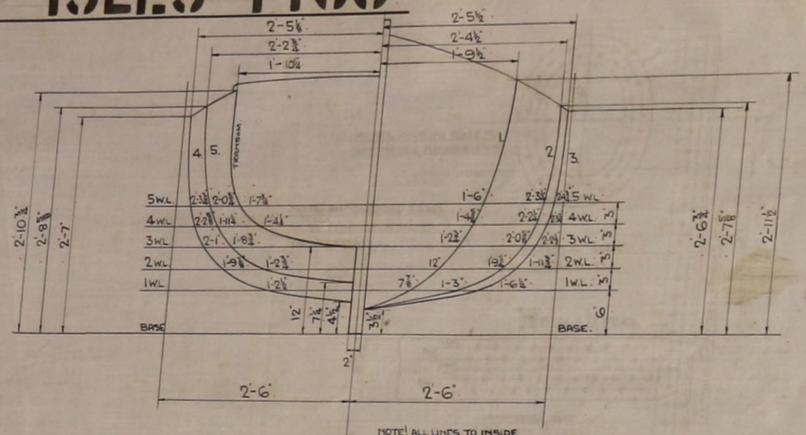
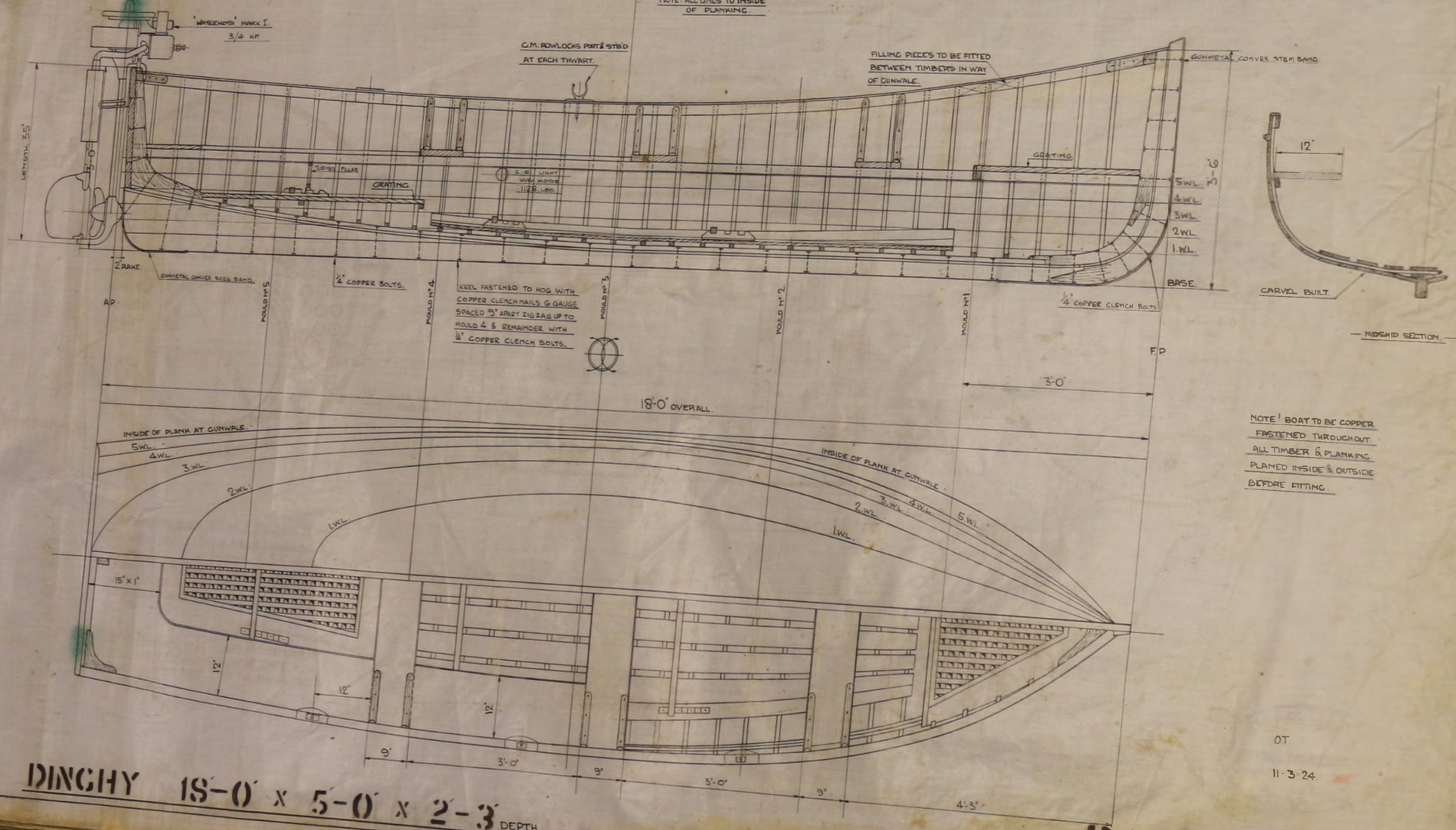
FALKLAND ISLES 1460

— MAIN SCANTLINGS. —		
ITEM.	MATERIAL	SIZE.
KEEL.	AMERICAN ELM	SIDED 2" MOULDED 3½"
HOG.	AMERICAN ELM	SIDED 4" MOULDED 3½"
STEM.	ENGLISH OAK.	SIDED 2"
APRON.	ENGLISH OAK.	SIDED 4"
FORE DEADWOOD	ENGLISH OAK.	SIDED 4"
TRANSOM KNEE.	ENGLISH OAK.	SIDED 2"
TRANSOM.	TEAK.	1½" THICK.
GUNWALES.	AMERICAN ELM.	2" × ¾"
RUBBERS.	AMERICAN ELM.	1⅛" × 1⅛"
BREASTHOOK.	ENGLISH OAK.	SIDED 2"
KNEES (TIMBER)	ENGLISH OAK.	SIDED 1½"



NOTE! ALL LINES TO INSIDE OF PLANKING.

ITEM	MATERIAL	SIZE
PLANKING	TEAK	¾" THICK (FINISHED)
CARBOARD STRIPS	TEAK	⅜" THICK (FINISHED)
TIMBERS	AMERICAN ELM	SIDED ⅞" MOULDED ⅞" SPACED 6" CRS
THWARTS	TEAK	9" × 1⅛"
SIDE SEATS	TEAK	12" × 1"
CAPPING	TEAK	1⅛" × ½"
SEAT RISING	AMERICAN ELM	1½" × ¾"
CROSS PIECE TO TRANSOM	ENGLISH OAK	1¼" × 1¼"
BOTTOM BOARDS	ENGLISH ELM	⅜" THICK
GRATINGS	AMERICAN ELM	⅜" THICK
STRETCHERS	ENGLISH OAK	1⅛" × 1¼"



NOTE! BOAT TO BE COPPER FASTENED THROUGHOUT. ALL TIMBER & PLANKING PLANED INSIDE & OUTSIDE BEFORE FITTING.

O.T.

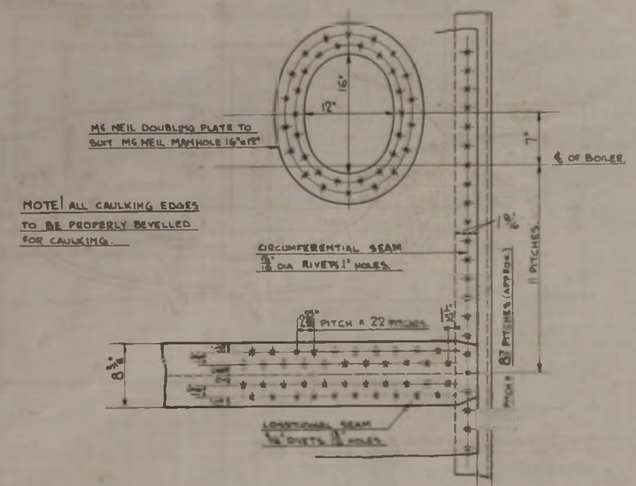
11·3·24.

DINGHY 18'-0" x 5'-0" x 2'-3" DEPTH.

SCALE: 1" = ONE FOOT.

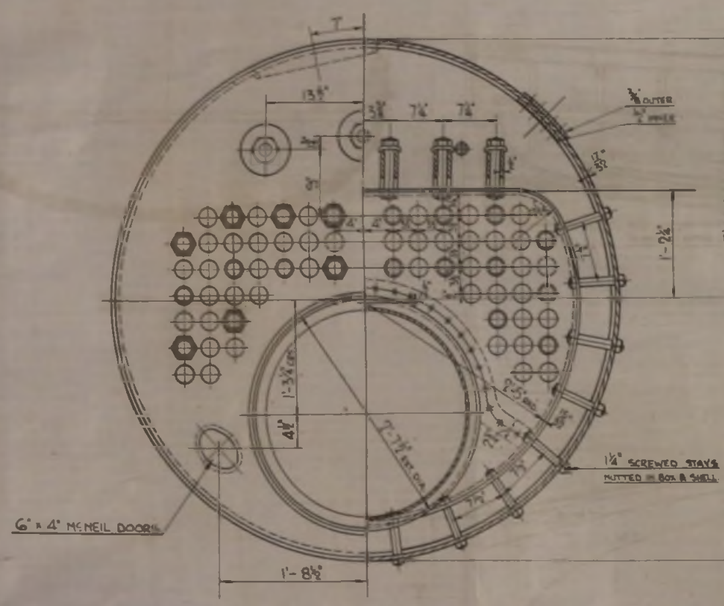
Dg Nº 4744

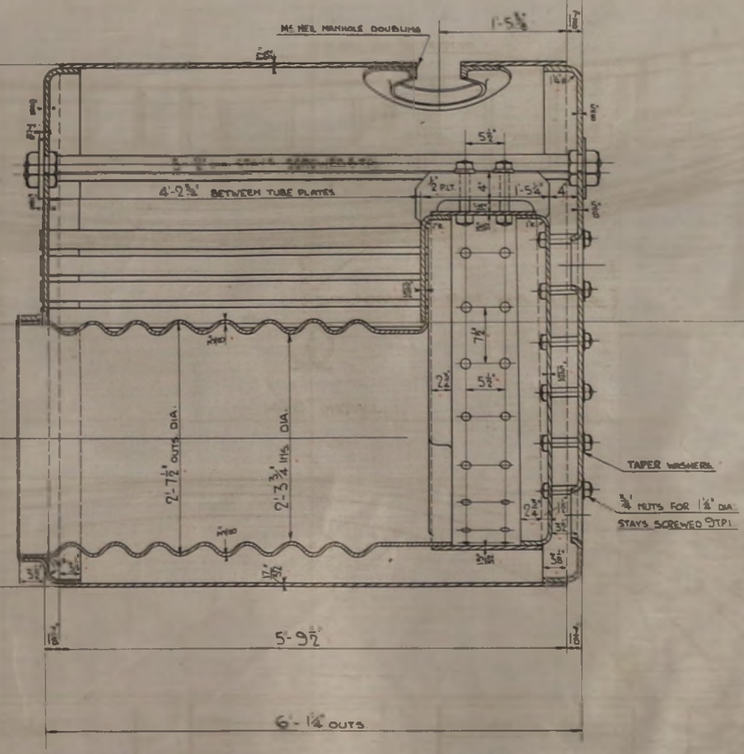
FALKLAND ISLES 1460

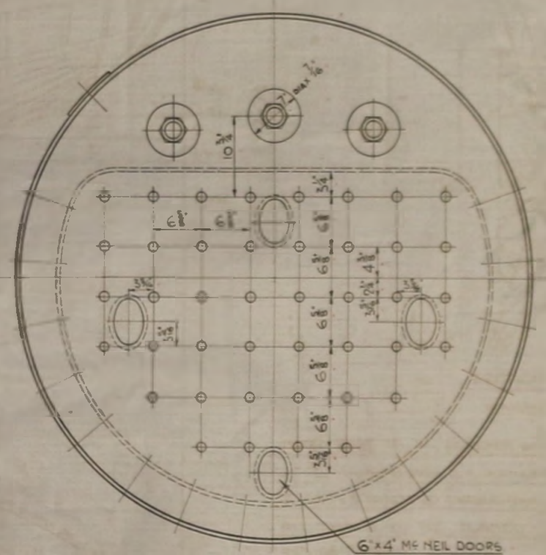


— HEATING SURFACE —

IN FURNACE	346 ℄
IN BOX	4458 ℄
IN TUBES	1760 ℄
TOTAL	2551 8 ℄
GRATE AREA	88 ℄







44 ORDINARY TUBES 2½" DIA. X 10G THICK OF LAP WELDED IRON 4'-4⅝" LONG. ONE END SWELLED TO 2⅝".
14 STAY TUBES 2½" DIA x 5/16" THICK. 4'-5⅛" LONG. SCREWED 2⅜" DIA & 2⅝" DIA 9 T.P.I. DOUBLE NUTS AT FRONT END
6 STAY TUBES 2½" DIA x 5/16" THICK. 4'-4⅞" LONG. SCREWED 2⅜" DIA & 2⅝" DIA. 9 T.P.I. NOT NUTTED.

NOTE! THREADS OF STAY TUBES ON SMOKE BOX END SHOULD NOT PROJECT INTO WATER SPACE & PROJECTION OF STAY TUBES IN FIRE BOX SHOULD NOT EXCEED ¼"

WORKING PRESSURE - 155 LBS/□"
TEST PRESSURE - 282½ LBS/□"

Approved by Lloyds for 155 lbs W.P. See their letter 24-10-23.

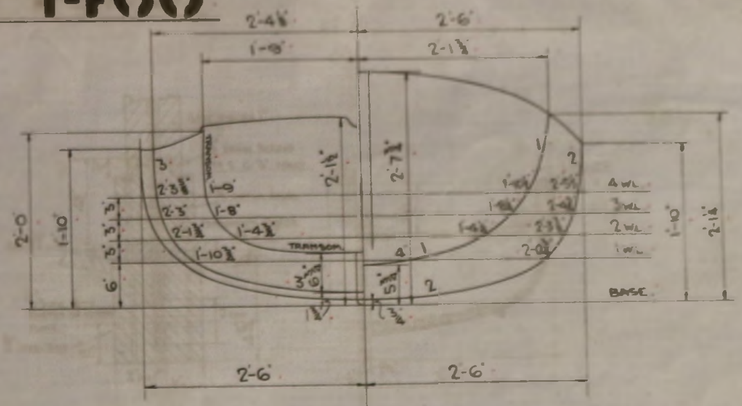
Approved by Lloyds re modified drawing see their letter 14-11-23.

SHIPBUILDING & ENGINEERING DEPARTMENT 21-3-24

STEEL BOILER TO LLOYDS REQ'S. 155 LBS / SQ. IN. SCALE - 1" = 1 FOOT. DG No 4746

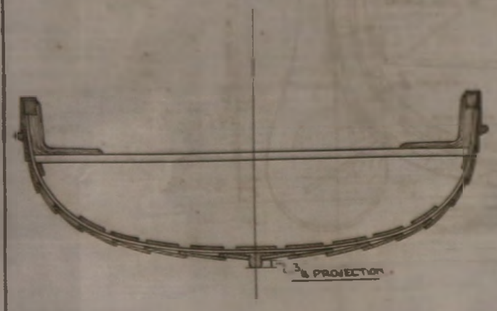
FALKLAND ISLES 1460

MAIN SCANTLINGS.		
ITEM	MATERIAL	SIZE.
CARBOARD STRAKE	ENGLISH WYCH ELM	½ THICK
STEM	ENGLISH OAK	SIDED 5"
APRON	ENGLISH OAK	SOLID WITH STEM.
TRANSOM	ENGLISH ELM	1" THICK
STERN KNEE	ENLISH OAK	SIDED 2"
GUNWALE	CANADIAN ELM	1½ x 1⅛
TIMBERS	AMERICAN ELM	⅞ x ⅞ SIDED 9" CRS
PLANKING	ENGLISH WYCH ELM	⅜" CUTTING ⅜" THICK (FINISHED SIZE)

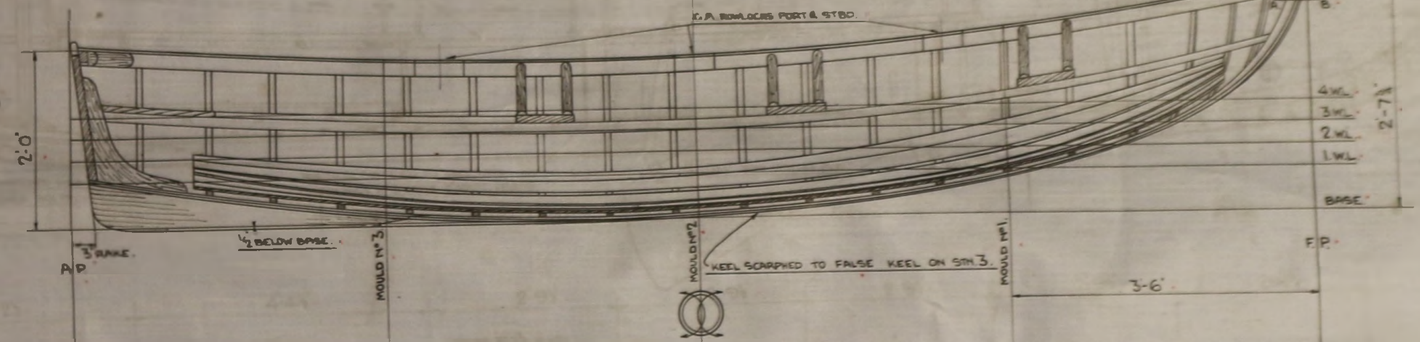


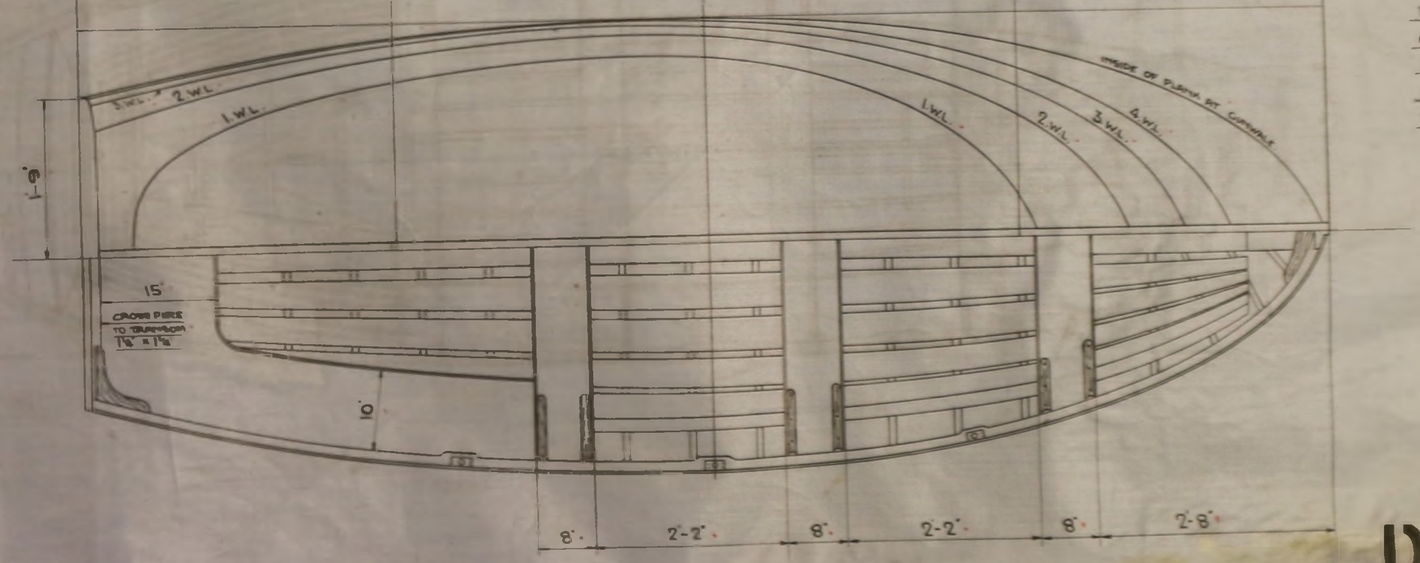
NOTE! ALL LINES ARE TO INSIDE OF PLANKING.

ITEM	MATERIAL	SIZE
BREAST HOOK	ENGLISH OAK	SIDED ⅞"
KNEES	ENGLISH OAK	SIDED ⅞"
TWARTS	TEAK	2" x ⅞"
SIDE SEATS	TEAK	15" x ⅞"
SEAT RISERS	ENGLISH OAK	11" x ⅞"
BOTTOM BOARDS	ENGLISH ELM	⅜" THICK
RUBBERS	ENGLISH OAK	1" x ⅞"
FALSE KEEL	ENGLISH OAK	SIDED 3"
CAPPING	TEAK	2¾" x ⅞"

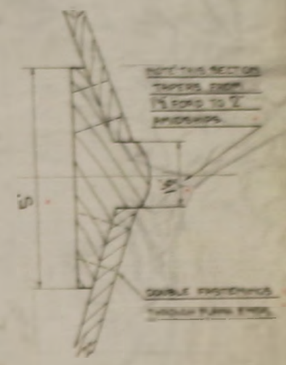


MIDSHIP SECTION.





SCALE 1"=ONE FOOT.



SECTION THRO A.P

SCALE HALF SIZE.

NOTE! BOAT TO BE CLINKER BUILT OF ⅜" FINISHED WYCH ELM PLANKING & COPPER FASTENED THROUGHOUT. ALL TIMBER TO BE PLANED INSIDE & OUT.

OT
5 3 24

PRAM DINGHY 14-0 x 5-0 x 1-10

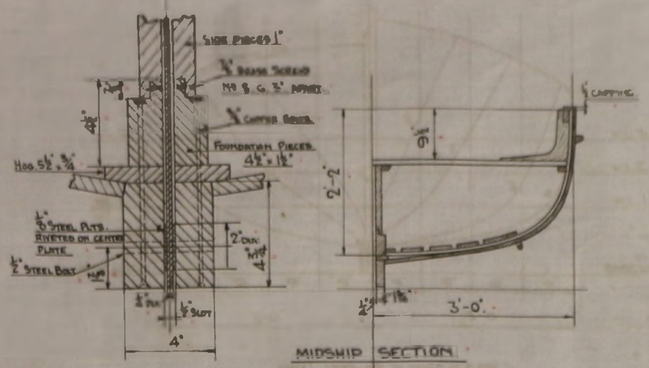
Dg Nº 4747

FALKLAND ISLES 1460

— MAIN SCANTLINGS —

ITEM	MATERIAL	SIZES
KEEL	CANADA ROCK ELM	4½ × 4 — 7½ SIDED AT ENDS
HOG	CANADA ROCK ELM	5½ × ⅞ AT TRUNK TAPERED TO 4½ SIDED & 2½ AT ENDS
STEM	ENGLISH OAK	MOULDED AT HEAD 3¼ FROM FACE SIDED 2½
STERN POST	ENGLISH OAK	MOULDED AT HEAD 3½ HEEL 4½ SIDED 2½
FORE DEADWOOD	ENGLISH OAK	MOULDED 2½ SIDED 4½
AFTER DEADWOOD	ENGLISH OAK	MOULDED 2' SIDED 4½
FORE APRON	ENGLISH ELM	MOULDED 2½ AT HEAD 2½ HEEL
AFTER APRON	ENGLISH ELM	MOULDED 1½ AT HEAD MOULDED 2 AT HEEL
RISINGS	CANADA ROCK ELM	1" × 1"
GUNWALES	CANADA ROCK ELM	2' 4½ TAPERED TO 1¾ AT ENDS
PLANK	WYCH ELM	⅝ 12 STRAKES ABOVE
TIMBERS	CANADA ROCK ELM	½ × ½ SPACED 7½ CRS
KEELSON	CANADA ROCK ELM	6" × ⅞

ITEM	MATERIAL	SIZES
THWARTS	CANADA ROCK ELM	7"
KNEES (THWART)	ENGLISH OAK	½ SIDED
SIDE BENCH KNEES	ENGLISH OAK	½ SIDED
FILLING PIECES BETWEEN THWARTS	DRY YELLOW PINE	TO BE NOTCHED FLUSH WITH UNDERSIDE OF THWARTS
BREAST HOOKS	ENGLISH OAK	SIDED ½ MOULDED AT MIDSHIP OF THWART 5"
CAPPING	CANADA ROCK ELM	2½ × 1½ 2½ × 1 IN WAY OF THWART KNEES
RUBBERS	CANADA ROCK ELM	1½ × ¾ TAPERED AT ENDS
BILGE RAIL	CANADA ROCK ELM	SIDED ¾ MOULDED ½
WRECKING RAIL	CANADA ROCK ELM	1" × ¾
BOTTOM BOARDS	CANADA ROCK ELM	⅝ × ⅝
STRETCHER	CANADA ROCK ELM	1½ × ½
RUDDER	ENGLISH ELM	PLANK BOARDED ½



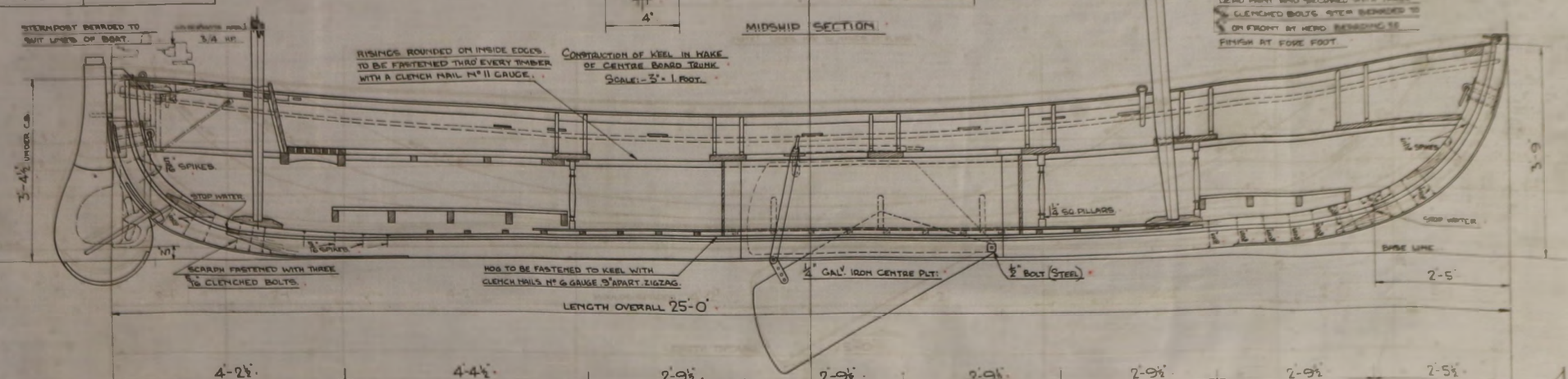
MIDSHIP SECTION

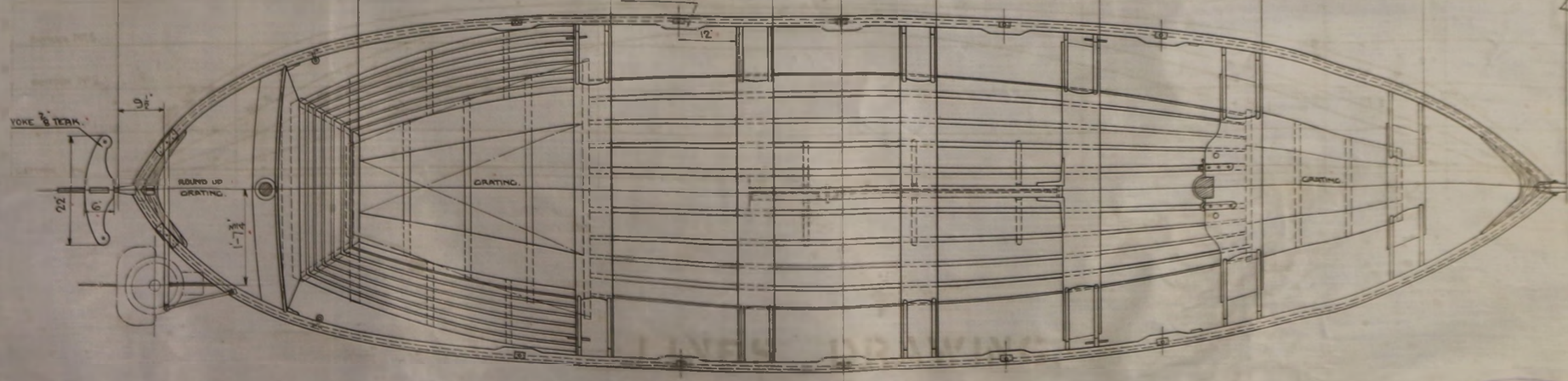
STEMPOST BEARDED TO SUIT LINES OF BOAT.

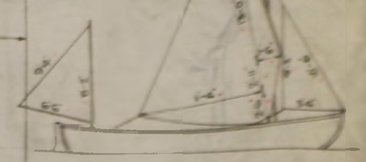
RISINGS ROUNDED ON INSIDE EDGES. TO BE FASTENED THRO' EVERY TIMBER WITH A CLENCH NAIL N° 11 GAUGE.

CONSTRUCTION OF KEEL IN WAKE OF CENTRE BOARD TRUNK.
SCALE:- 3" = 1 FOOT.

STEP. SCARPH LAND WITH THICK WHITE LEAD PAINT AND SECURED WITH THREE ⅝" CLENCHED BOLTS STEM BEVELLED TO ⅝ ON FRONT BY HEAD BENDING TO FINISH AT FORE FOOT







— SAIL PLAN —

NOTE! ALL TIMBER AND PLANKING TO BE PLANED BOTH SIDES BEFORE FITTING.

OT
14 3 24

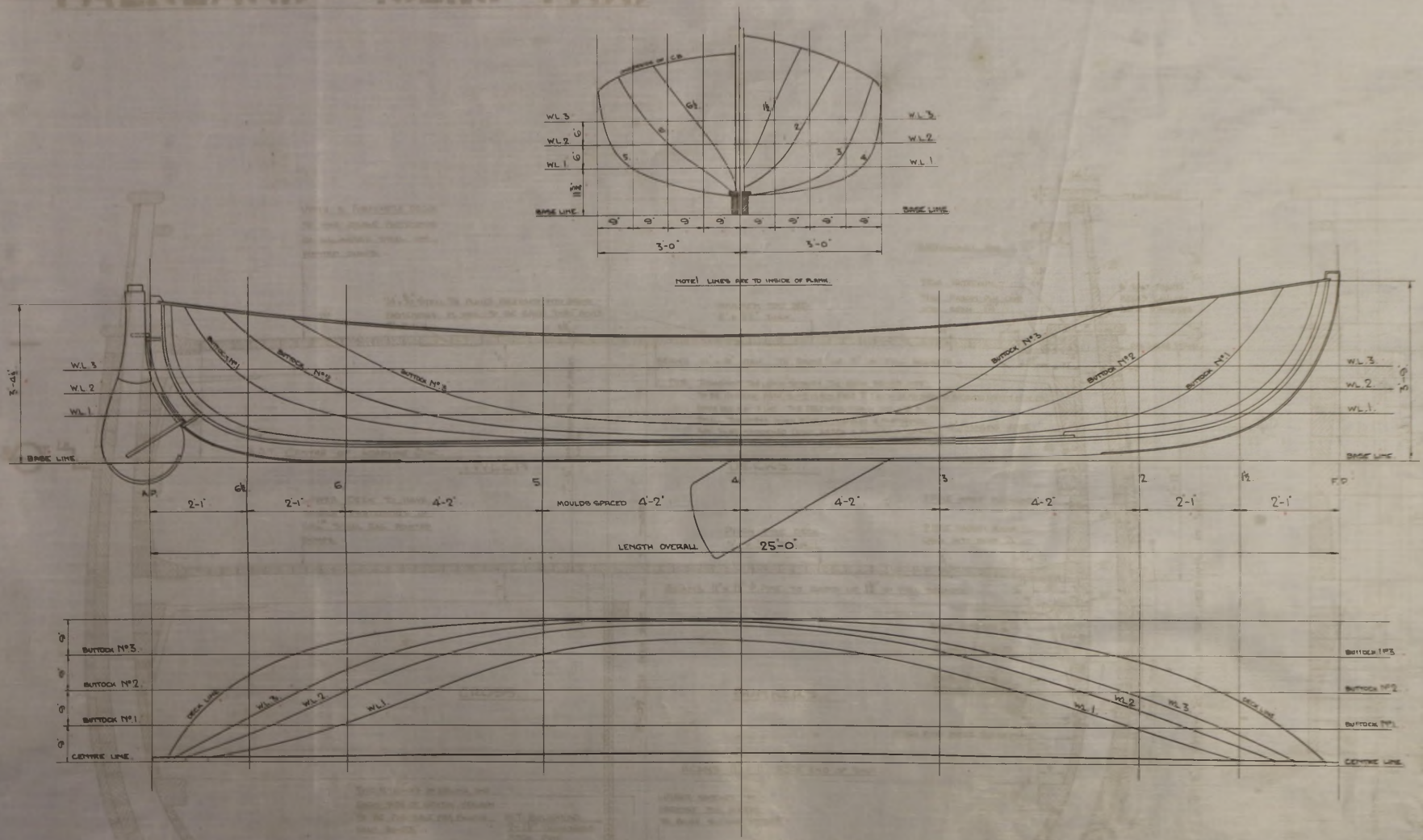
WHALERS CERTIFIED BY B.O.T. FOR 21 PERSONS EACH.

WHALER 25'-0" × 6'-0" × 2'-2" DEPTH AMIDSHIPS.

SCALE:- ½" = ONE FOOT.

D^G N^O 474S

FALKLAND ISLES 1460



LINES DRAWING.

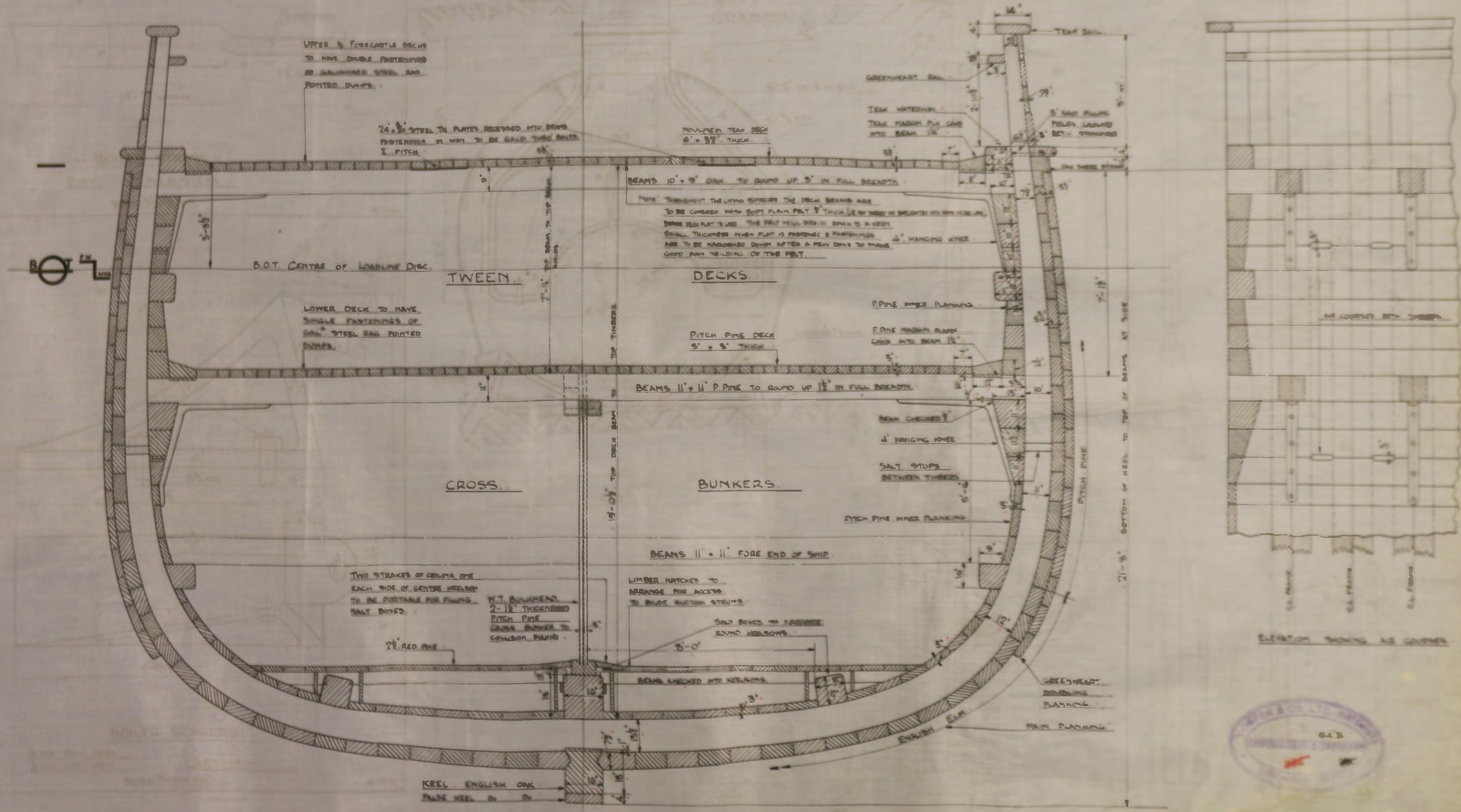
C.T.
SHIPBUILDERS & ENGINEERS
17.3.24.
DRAWING OFFICE

WHALER 25—0" x 6—0" x 2—2" DEPTH AMIDSHIPS

SCALE ½" = ONE FOOT

Dg No 4749

FALKLAND ISLES 1460

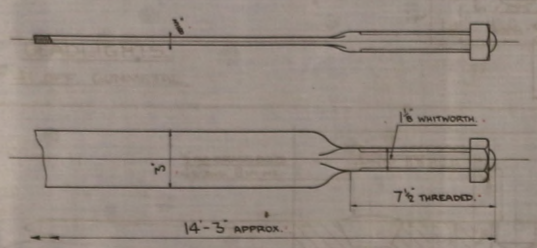


MIDSHIP SECTION

SCALE - ½" = 1 FOOT

Dg N° 4751

FALKLAND ISLES 460

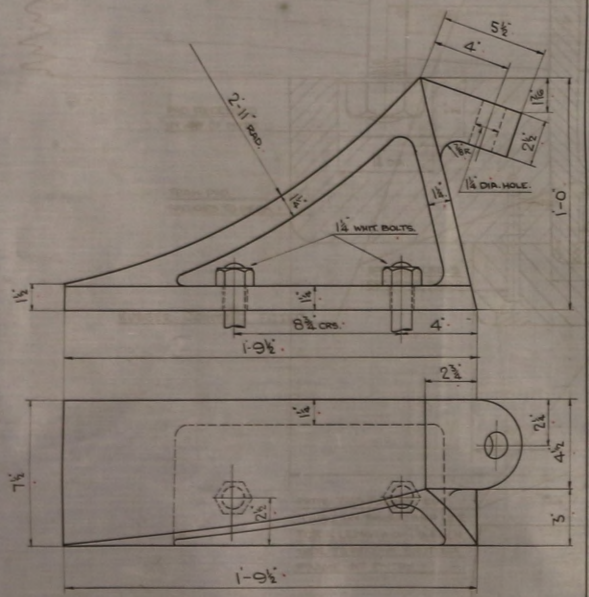


— BOILER STRAPS. —

2 OFF. MILD STEEL.

SCALE 3" ONE FOOT.

4755



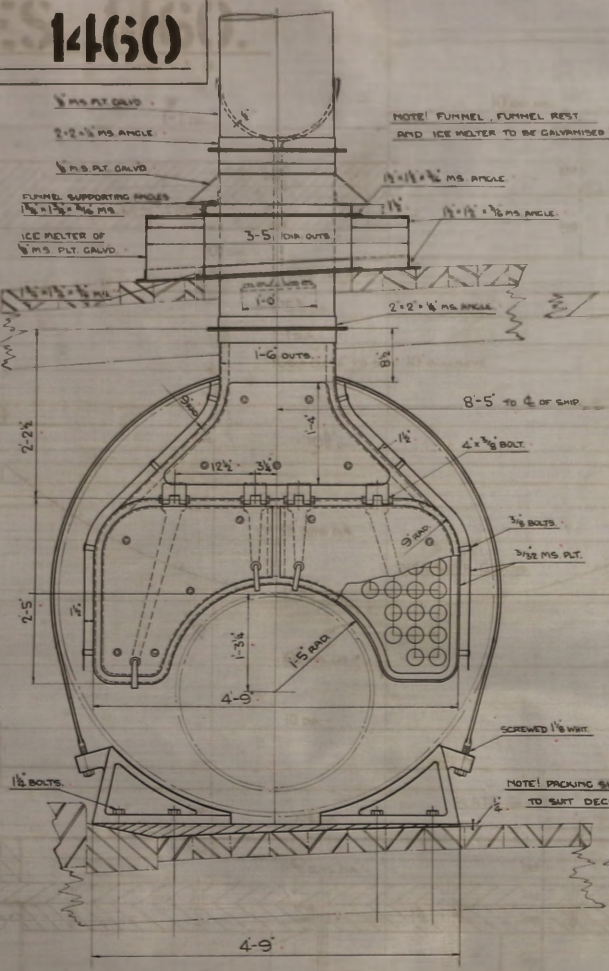
BOILER BEARERS.

2 OFF RIGHT HAND.

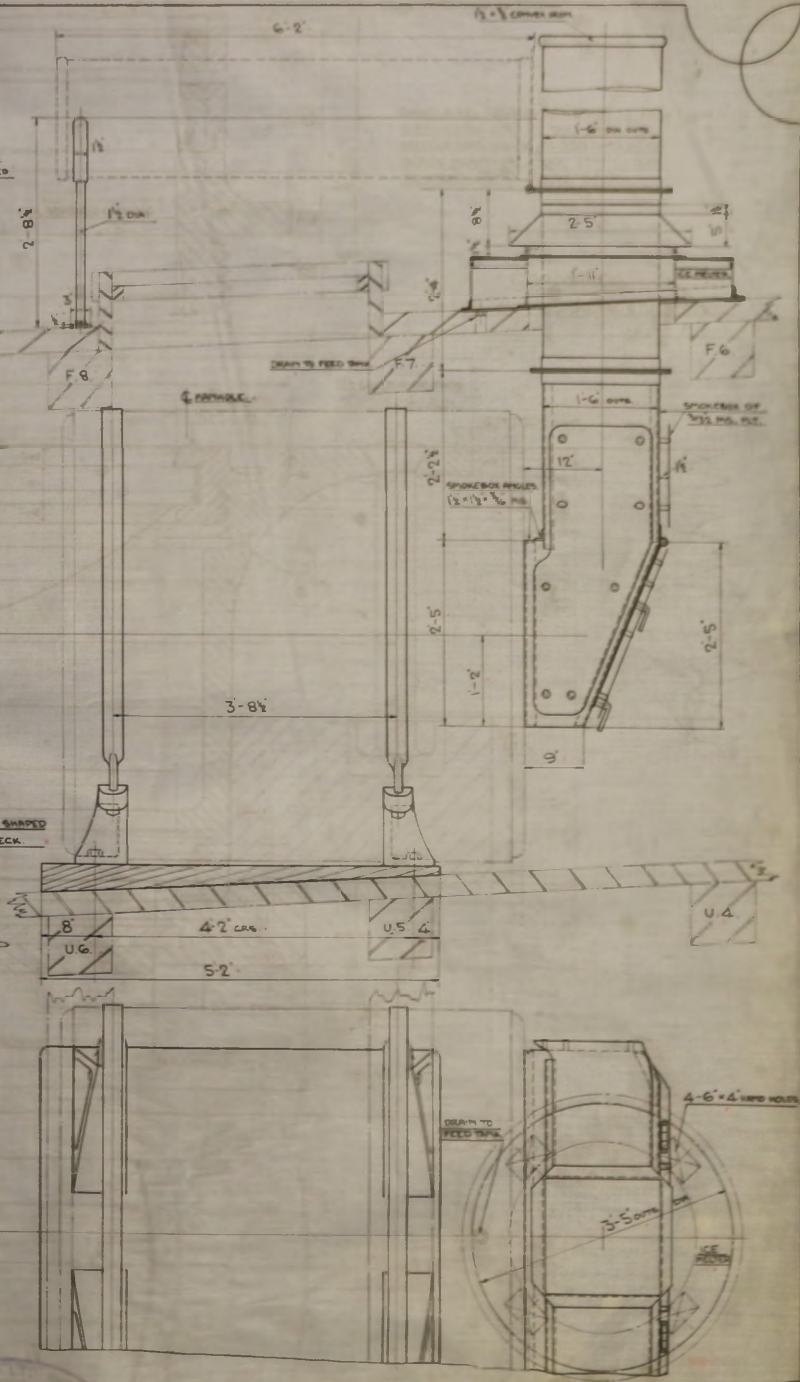
2 OFF LEFT HAND. CAST IRON.

SCALE 3"=ONE FOOT.

4755.



NOTE! FUNNEL, FUNNEL REST AND ICE MELTER TO BE GALVANISED



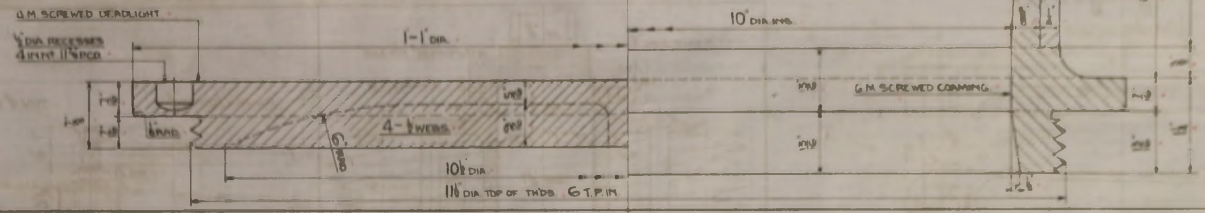
OF
4·3·'24.

AUX: BOILER SMOKEBOX. FUNNEL. & SEATING.

SCALE 1"=ONE FOOT.

Dg No 4755

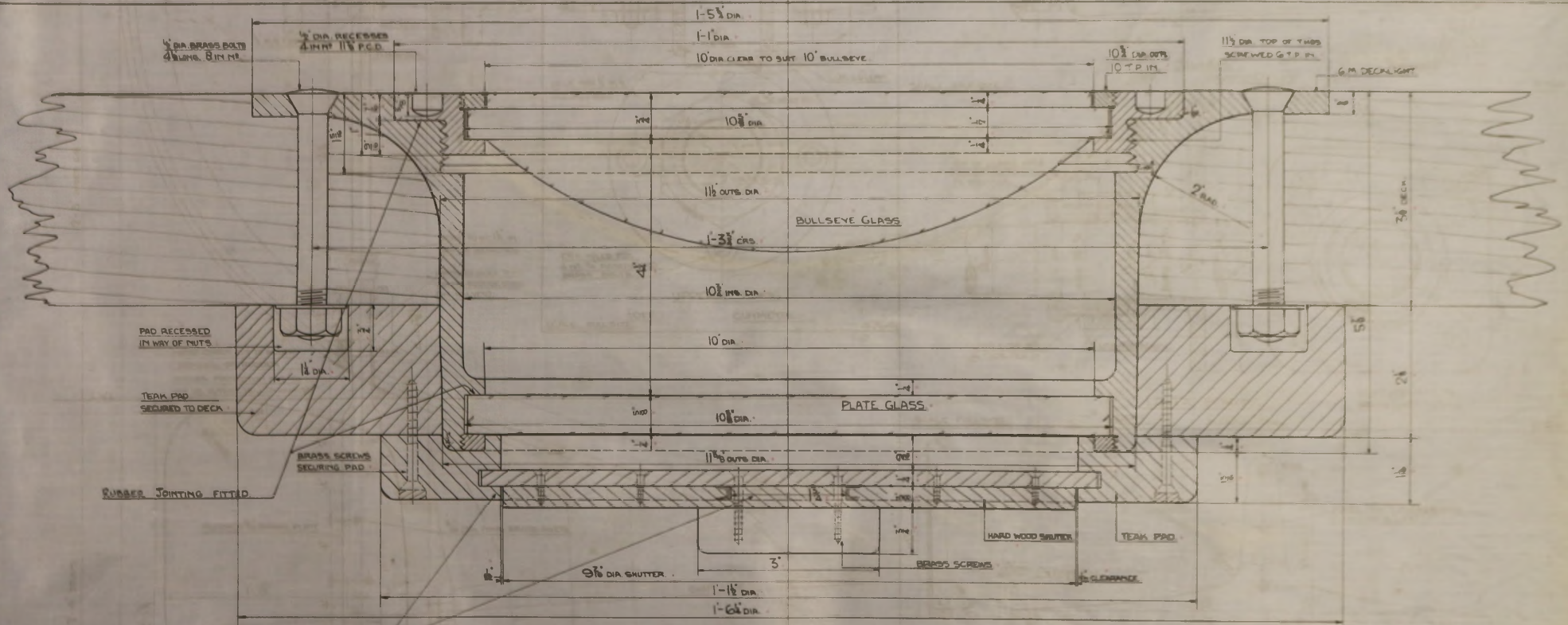
FALKLAND ISLES 1460.



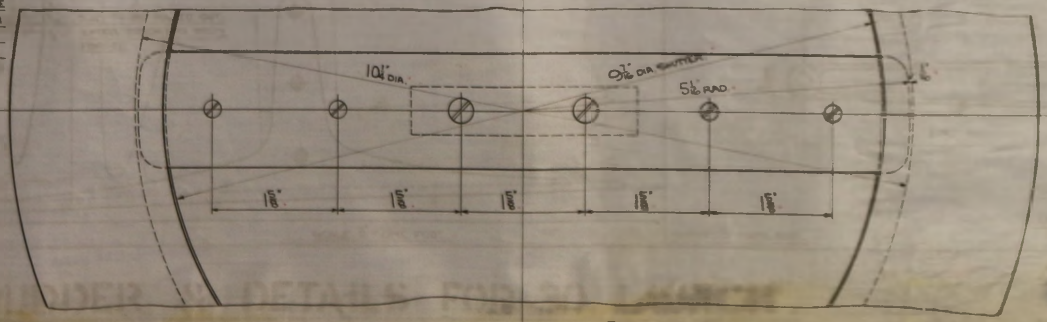
DEADLIGHTS
41 OFF GUNMETAL.

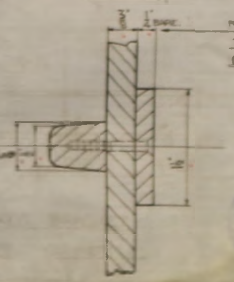
GALVD STEEL COAMING EXTENSION TO BE SUITABLE WORK TO SUIT GALVD COWL VENTILATORS HAVING BRASS PIPES AND SCREW ADAPTERS. COWL VENTILATORS TO BE ABOVE DECK.

COAMINGS
41 OFF GUNMETAL & GALVD STEEL



NOTE! THIS RABBET CUT THRO ON THWARTSHIP LINE FOR A LENGTH OF 1⅝ EACH SIDE TO RECEIVE SHUTTER FRAME AT ENTRY.





NOTE! SHUTTER STIFFENER TO BE AFT EARLY FIT IN CHOCK

DECKLIGHTS
41 OFF GUNMETAL.

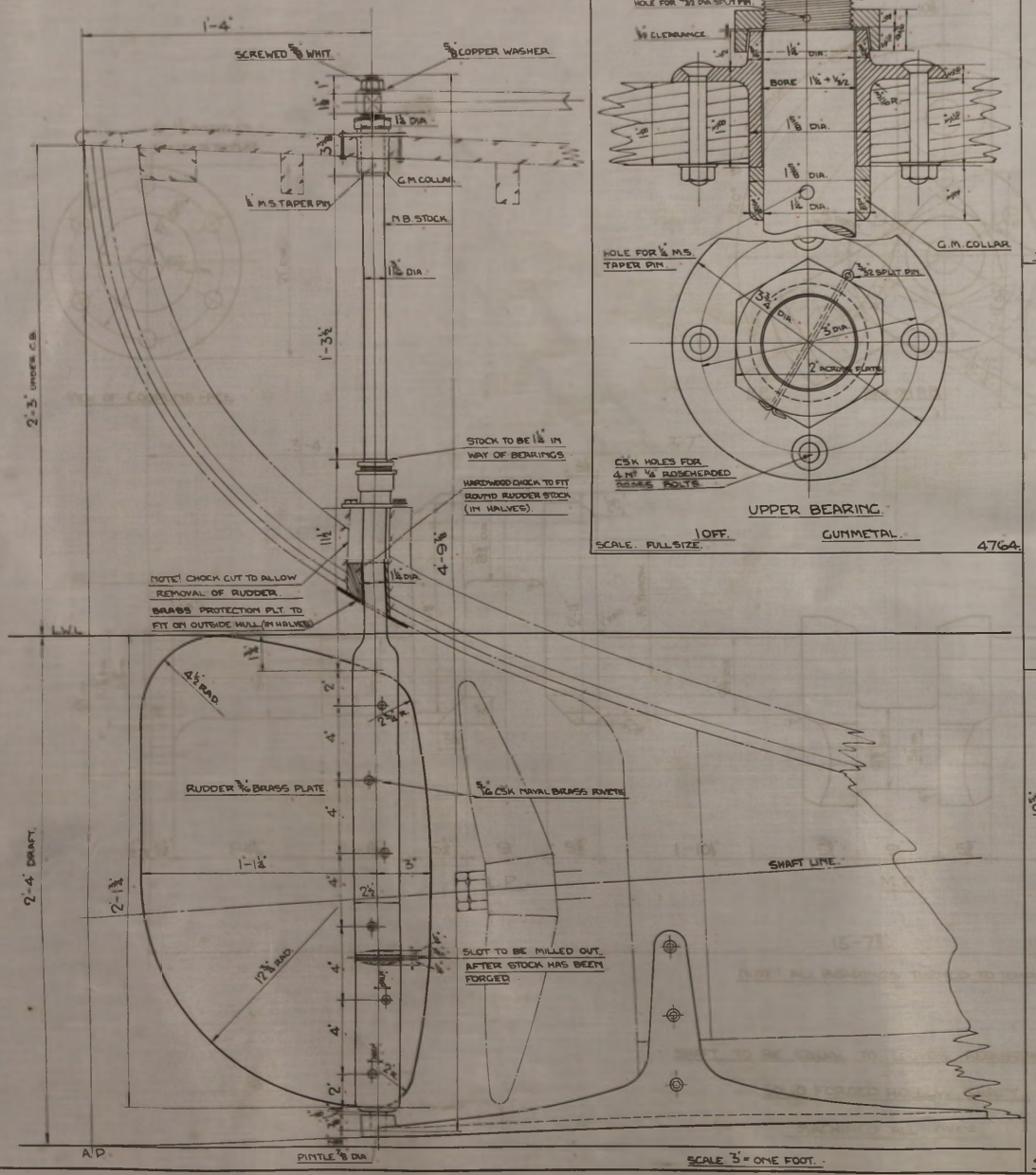
DECKLIGHT.

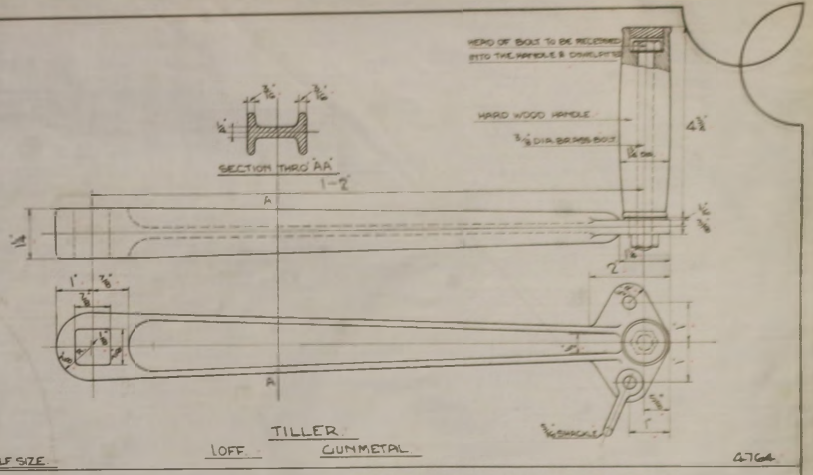
SCALE — FULL SIZE.

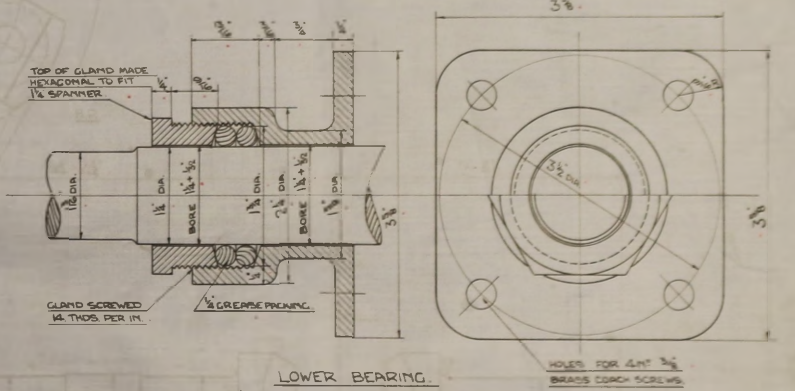
Dg No 4762

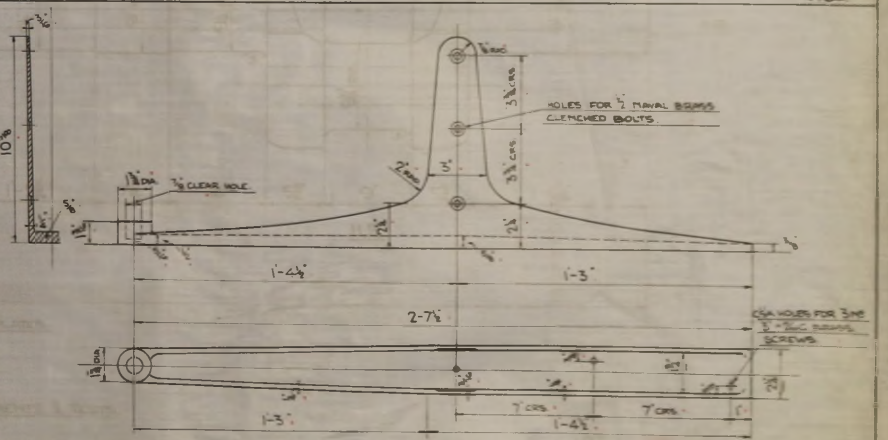
OT
11-4-24

FALKLAND ISLES 1460.







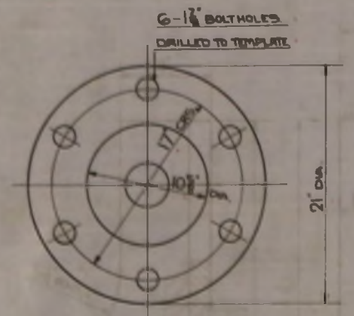


28 2 '23

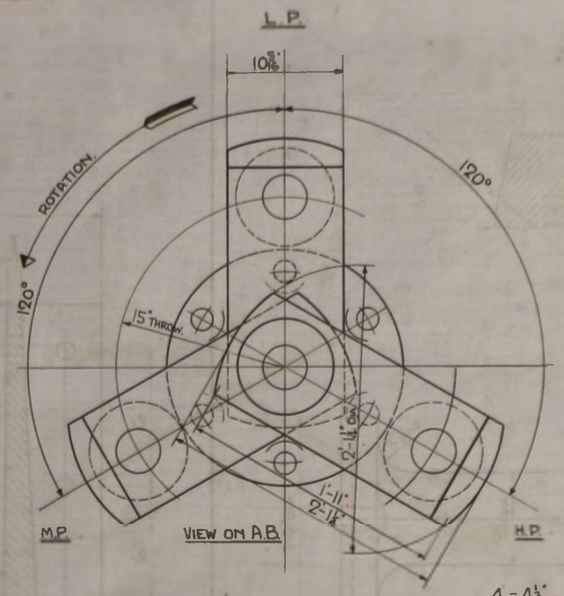
ARRANGMT. OF RUDDER & DETAILS FOR 30' LAUNCH.

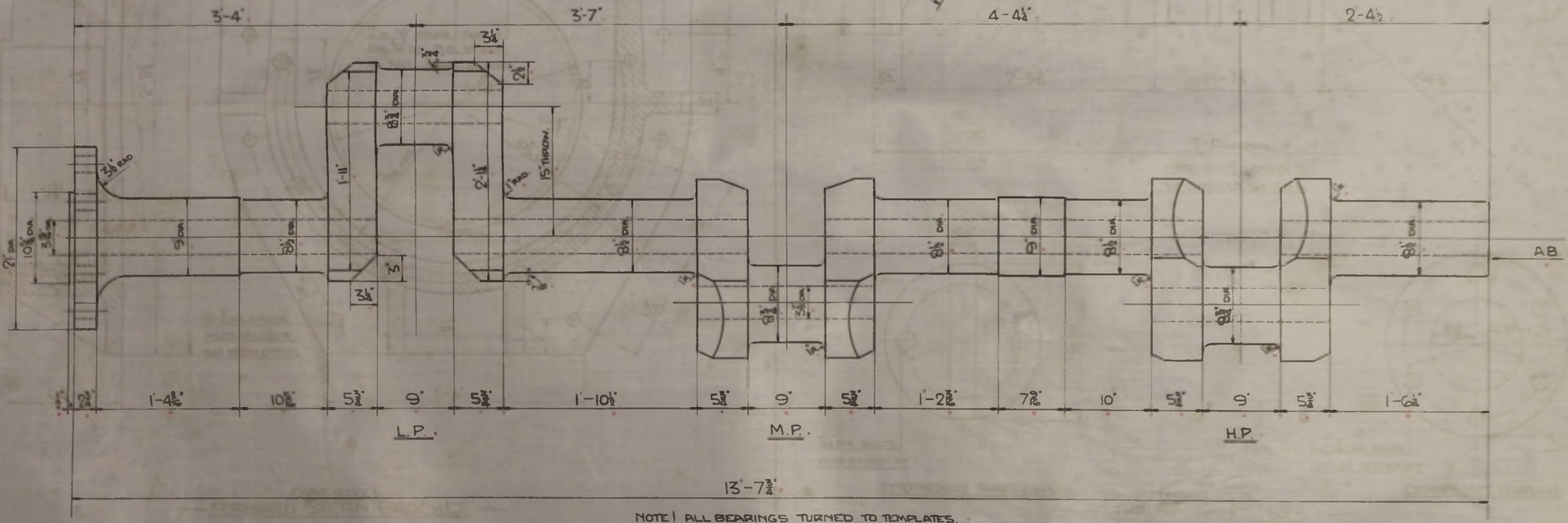
Dg No 4764

FALKLAND ISLES 1460



VIEW OF COUPLING FACE





NOTE! ALL BEARINGS TURNED TO TEMPLATES.

SHAFT TO BE EQUAL TO LLOYDS REQUIREMENTS & TESTS.

SOLID FORGED HOLLOW SHAFT.

MACHINED ALL OVER.

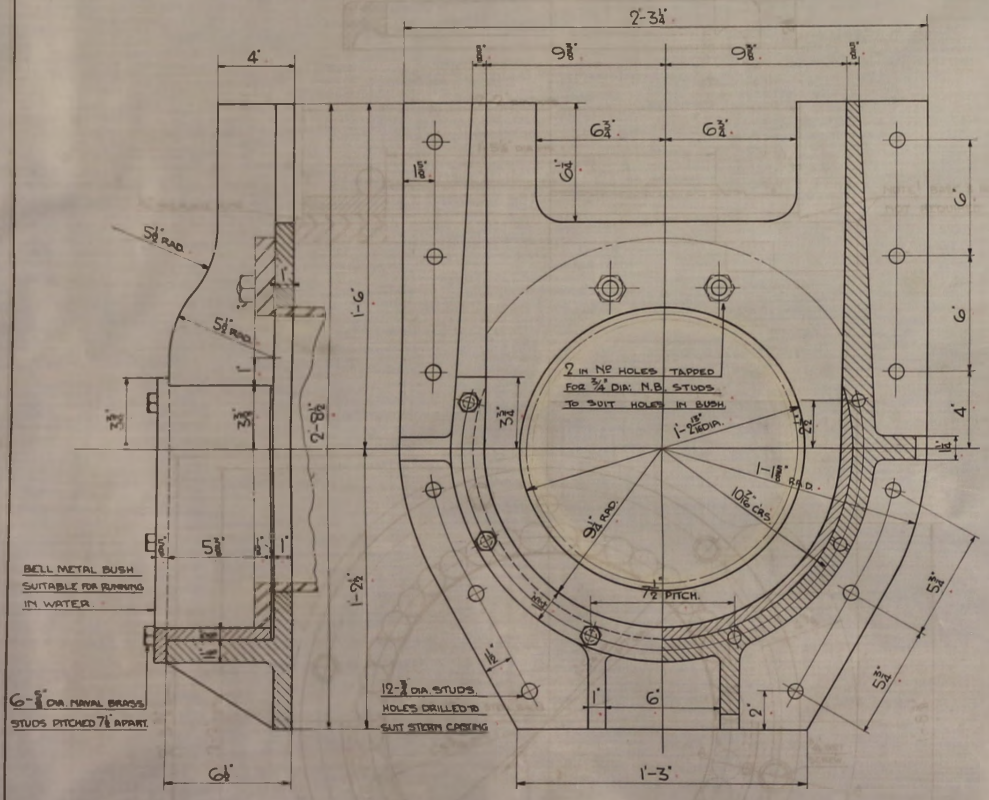
OT.
17 4 24

CRANKSHAFT (14½": 22½": 36" × 30" T.E.) — ENGINES —

SCALE 1½" = ONE FOOT

Dg No 4767

FALKLAND ISLES 1460.

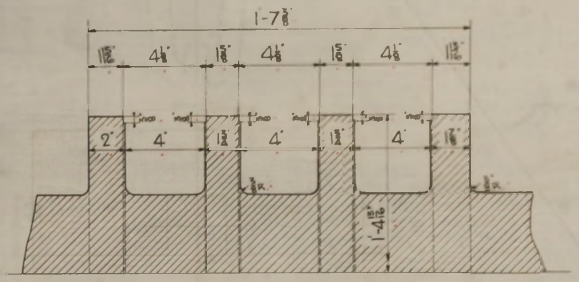


CAST STEEL.

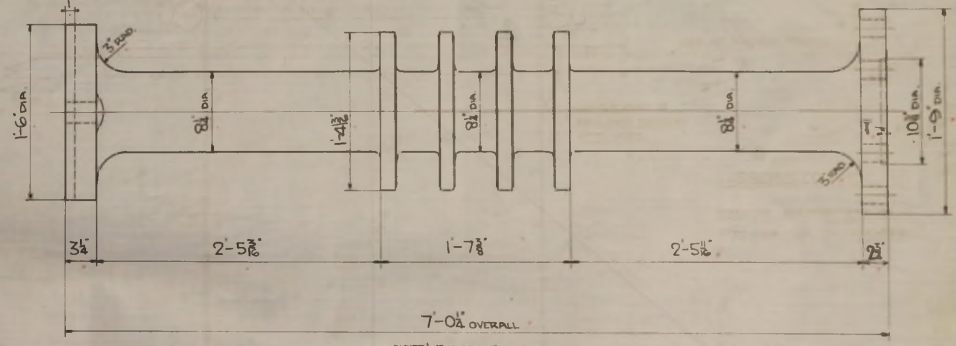
FORWARD STERN BRACKET.

1. OFF. GALVANISED AFTER MACHINING.

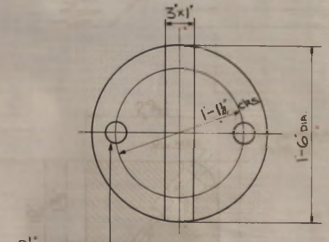
SCALE: 3"-ONE FOOT.



SECTION THRO' COLLARS

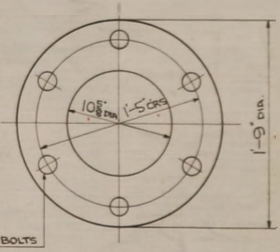


NOTE! EXACT LENGTH TO BE CHECKED ON SHIP.



MADE AN EASY FIT.

INTERMEDIATE SHAFT COUPLING.



DRILLED TO TEMPLATE

CRANKSHAFT COUPLING.

FORGED STEEL.

THRUST SHAFT. 1 OFF.

SCALE: 1½" - ONE FOOT.

4771.

4771.

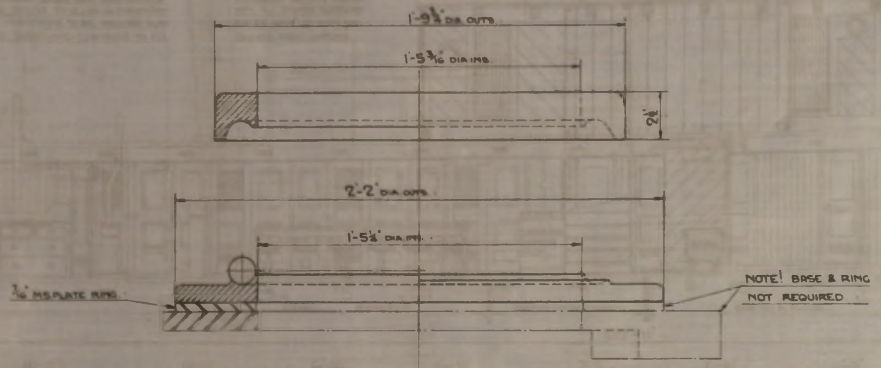
O.T.

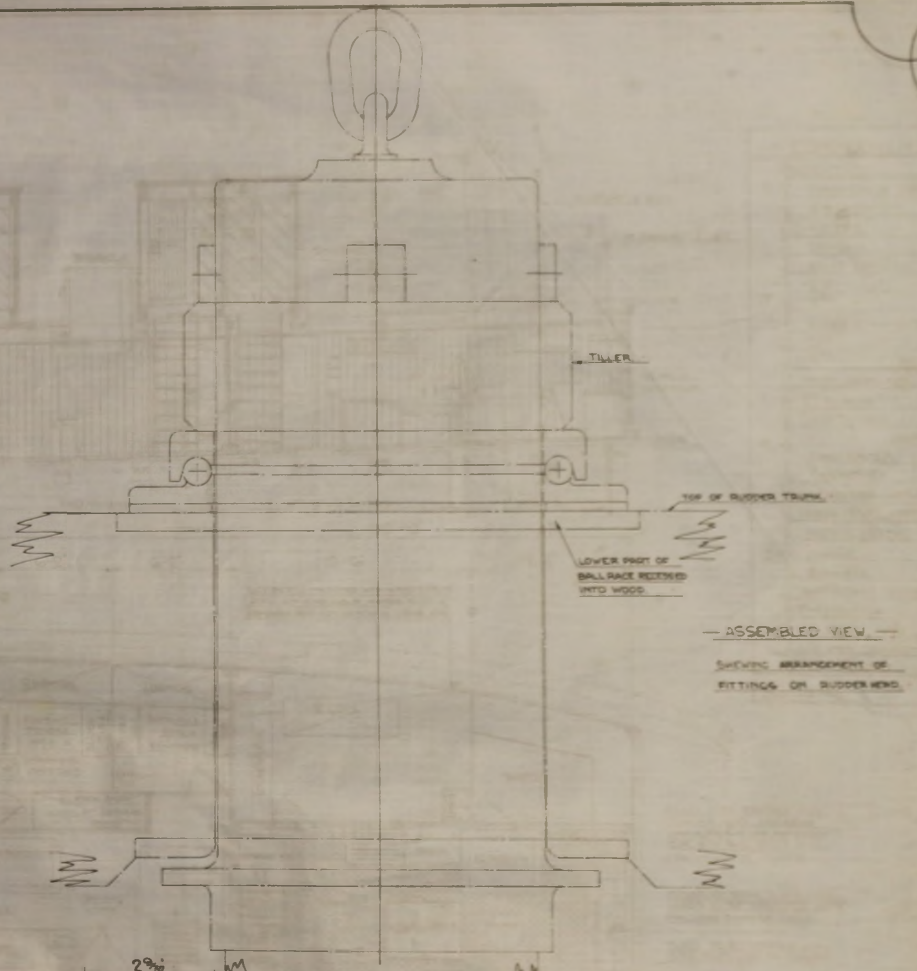
25·4·24

STERN BRACKET & THRUST SHAFT

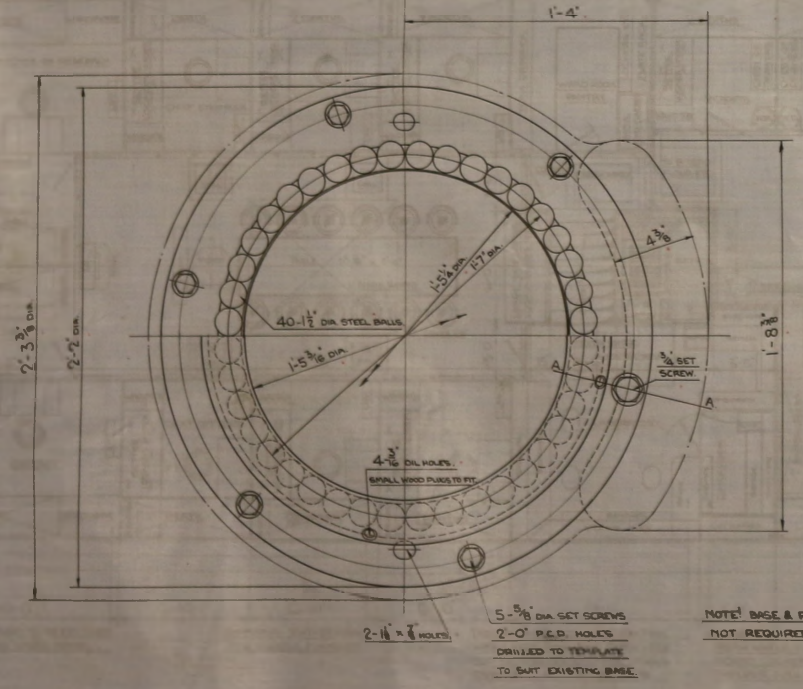
Dᴳ Nº 4771

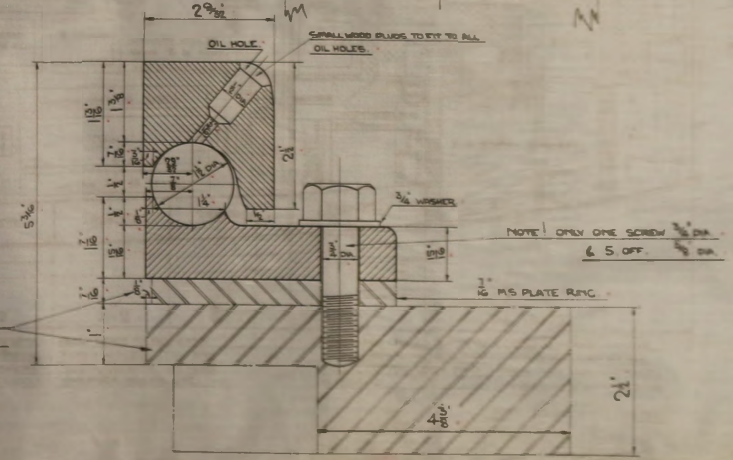
FALKLAND ISLES 1460.





— ASSEMBLED VIEW —
SHEWING ARRANGEMENT OF FITTINGS ON RUDDER HEAD.





BALL RACES OF CAST STEEL.

— SECTION THRO' AA —
FULL SIZE

O.T.
26 2 24

BALL RACE FOR RUDDER STOCK

SCALE 3" = 1 FOOT

Dg No 4772

FALKLAND ISLES 1460

WARDROOM SIDES AND OVERHEADS TO BE NEATLY PANELLED IN MAHOGANY AND OVERHEADING TO BE PAINTED PLAIN WHITE. CABLEY AND CURTAINS TO FIT.

MAHOGANY SLIDING DOORS WITH ALL BRASS FITTINGS FITTED WITH LOUVRES AND SLIDING WOOD COVERS.

SKYLIGHT

SKYLIGHT

SKYLIGHT

FORECASTLE BHD

TO FORECASTLE DECK

SIDEBOARD MIRROR OVER

BATH

COAL BUNKERS

FRESH WATER SPACE

BREAD & FLOUR

PROVISIONS

STORES & SPIRITS

STORES

62'-11"

20'-10"

10'-0" | 6'-10" | 6'-10" | 6'-10" | 7'-5" | 6'-6" | 6'-2" | 6'-2" | 6'-2" | 12'-6" | 8'-4"

ALL CABINS & WARDROOM FURNITURE TO BE POLISHED MAHOGANY.

ALL FURNISHINGS OF HARD WOOD.

ALL WOODWORK TO BE OF PITCH PINE NEATLY FINISHED.

SICKBERTH PROVIDED WITH WASH BASIN WITH HOT AND COLD WATER SUPPLY, HAMMOCK AND COT HANGINGS, STOVE, ETC

BERTH | WARDROBE | DIRECTOR OF RESEARCH | CHIEF ENGINEER | CAPTAIN | CHIEF OFFICER | 2 BERTHS | WARD ROOM PANTRY | TEAK DRESSER | LOCKERS ETC | PLATE RACK | 2 CADETS | CHIEF OF DEPARTMENTS | COOK AND STEWARD | ASSISTANT STEWARD W.T.O. & LABORATORY ASSISTANT | BOATSWAIN'S MATE & SAILMAKER | UPPER BERTH CHEST OF DRAWERS UNDER | 2 COTS | STORES | SINK | TO STORES | SHELF | GALLEY RANGE | GALLEY TABLE | MARY | DRESSER | SHELVES | CARPENTER AND BOATSWAIN | COLD STORAGE CHAMBER | ICE PLANT | CONL | TABLE 11'-6" = 5'-0" | WARD ROOM | 23'-9" | FOLDING TABLE | PIANO | LOBBY | FRESH WATER | LARGE SIDEBOARD LOCKERS & DRAWERS OVER | TO BREAD FLOUR ETC | TO PROVISIONS | TO SPIRIT RM | DECK HOUSE OVER | CREW SPACE | SKYLIGHT | LOCKERS USED AS SEATS TO BE FITTED INTO 6 PARTNERS EACH | LOCKERS USED AS SEATS | TABLE 11'-0" | 2'-6" | LOCKERS USED AS SEATS | 2 FOLDING BERTHS | LABORATORY | CUPBOARD | DARKROOM | BENCH | SHELVES | LOCKERS OVER | 2 FOLDING SEATS | 2 BERTHS

10'-0" | 6'-10" | 6'-10" | 6'-10" | 9'-11" | 4'-0" | 6'-2" | 6'-2" | 6'-2" | 7'-0" | 13'-10"

CAPTAIN'S CABIN TO BE FINISHED SIMILAR TO WARD ROOM

DIVISIONAL BHD OF PITCH PINE NEATLY FINISHED.

LABORATORY FITTED UP IN PITCH PINE WITH LARGE SINK, AND FRESH WATER SUPPLY, SHELVES, LOCKERS, STOOLS, DESK AND OTHER FITTINGS.

DARKROOM FITTED WITH SINK, FRESH WATER PUMP, DRAINING BOARD, LOCKERS DRAWERS, SHELVES, AND THREE STOOLS

CREW SPACE TO BE NEATLY FITTED WITH PITCH PINE AND SUPPLIED WITH LOCKERS HAMMOCK HOOKS ETC.

CABIN FOR CARPENTER AND BOATSWAIN SIMILAR TO THAT PROVIDED FOR COOK AND STEWARD

GALLEY TO BE PROVIDED WITH DRESSER SINK, LOCKERS, DRAWERS, SHELVES, PIPE RACKS COAL BOX AND SPACE FOR FRESH WATER PUMPS.

FUNNEL OF STOVE TO HAVE DIRECT LEAD & TO BE INSULATED WHERE PASSING THROUGH DECK.

FLOOR TO BE COVERED WITH 6 INCH TILES LAID IN CEMENT.

AND A DECK IN REGION OF STOVE TO BE INSULATED

INSULATION

COLD STORAGE CHAMBER TO BE SUPPLIED BY THE MANUFACTURERS OF REFRIGERATING MACHINERY

INSULATION OF REFRIGERATED DECK

— COMPLEMENT —

5	SCIENTIFIC
	DIRECTOR OF RESEARCH
	4 SCIENTISTS
7	OFFICERS
	CAPTAIN
	CHIEF OFFICER
	2ND "
	3RD "
	CHIEF ENGINEER
	2ND "
	3RD "
8	PETTY OFFICERS
	2 CADETS
	BOATSWAIN
	" MATE
	CARPENTER
	SAILMAKER
	WIRELESS OPERATOR
	LABORATORY ASSISTANT
3	STEWARDS ETC
	COOK
	STEWARD
	ASSISTANT STEWARD
13	FORECASTLE
	5 A.B.'S
	2 ORD. SEAMEN
	5 STOKERS
36	TOTAL

OT

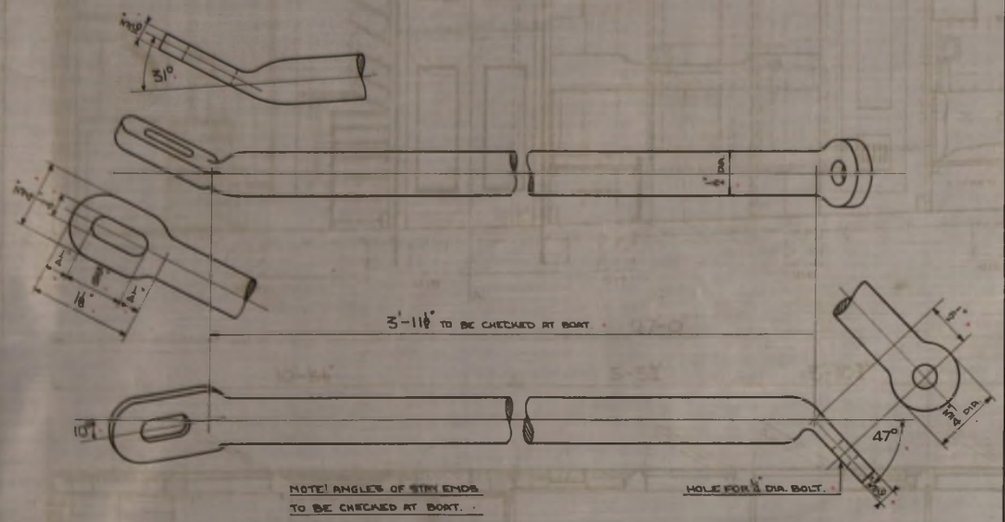
2-5-24

ARRGT OF MAIN DECK ACCOMMODATION.

SCALE ¼" = ONE FOOT

Dg No 4775

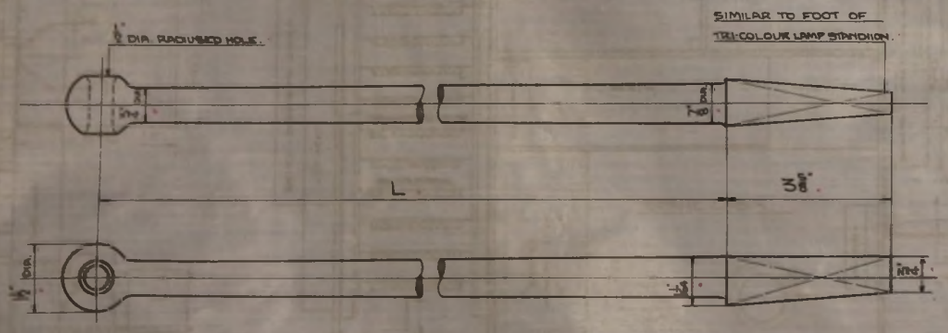
FALKLAND ISLES 1460



— TRI-COLOUR LAMP STANCHION STAY. —

1. OFF RIGHT HAND. WROT IRON GALV'D.
1. OFF LEFT .

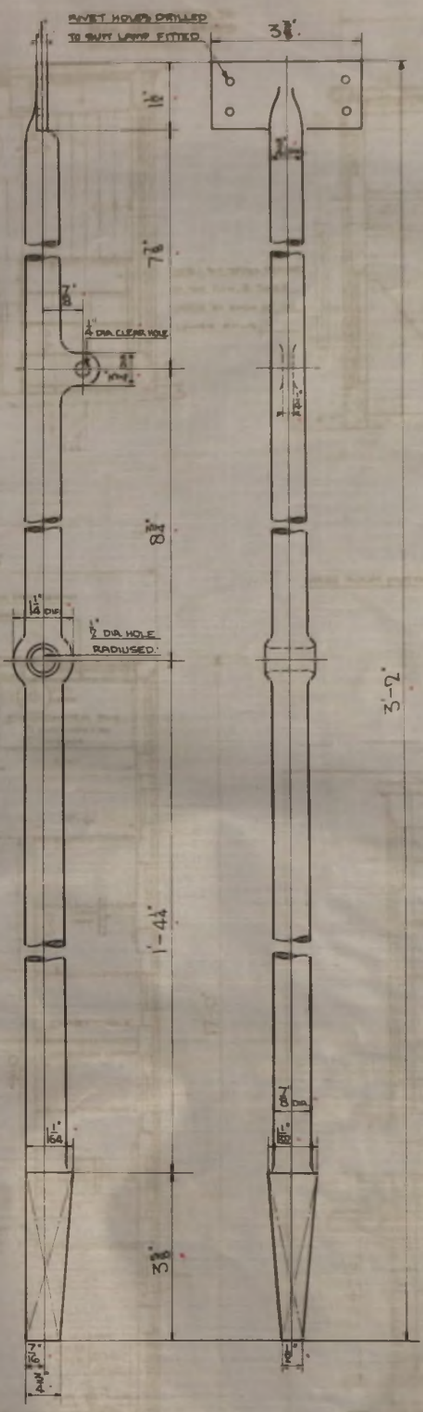
SCALE FULL SIZE. 4786.



— DODGER STANCHION —

2 OFF L - 12½"
2 OFF L - 15½"
2 OFF L - 15½"
} 6. OFF. WROT IRON GALV'D.

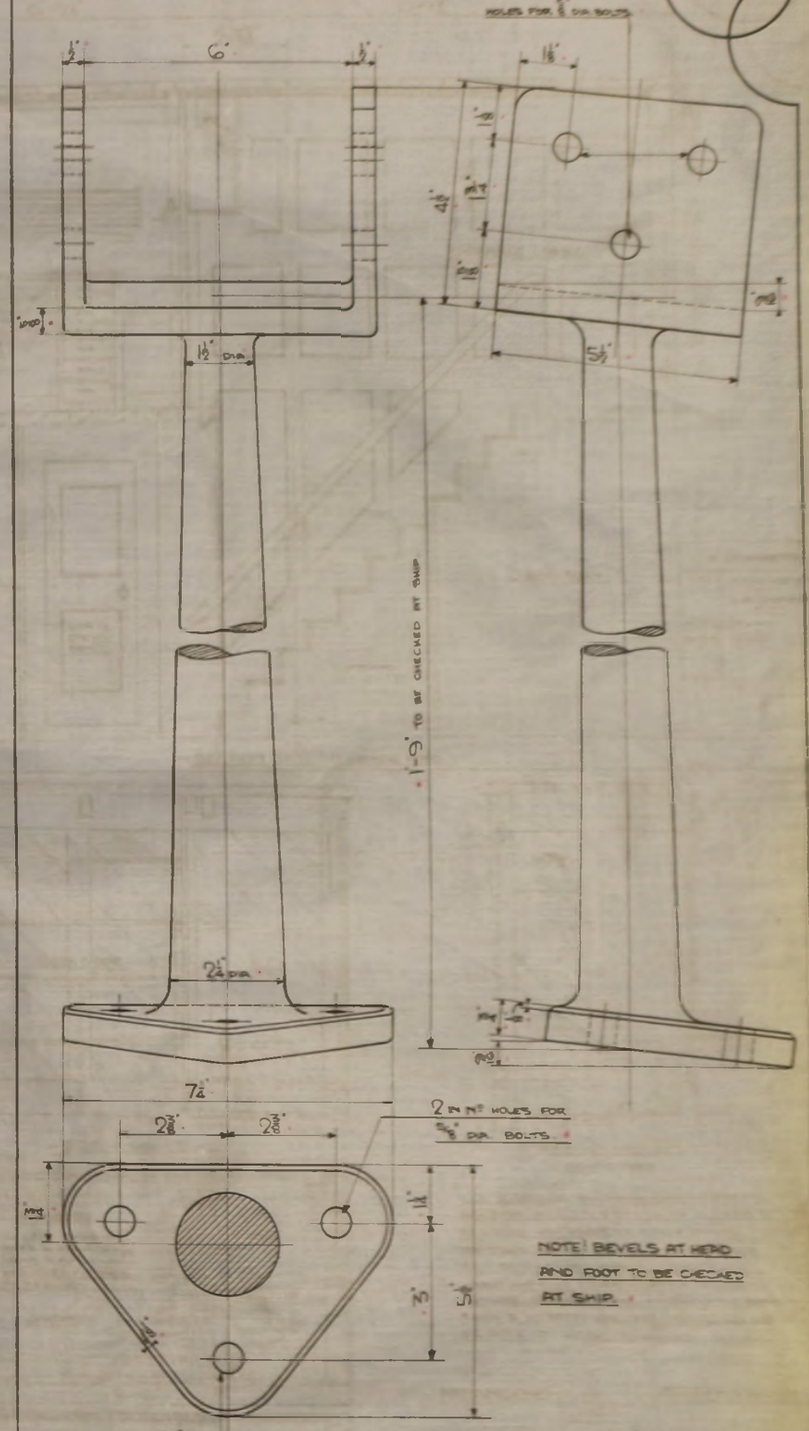
SCALE HALF SIZE. 4786.



TRI-COLOUR LAMP STANCHION.

1. OFF. WROT IRON GALV'D.

SCALE HALF SIZE. 4786



— STANCHION SUPPORTING BRIDGE END —

4. OFF. WROT IRON GALV'D.

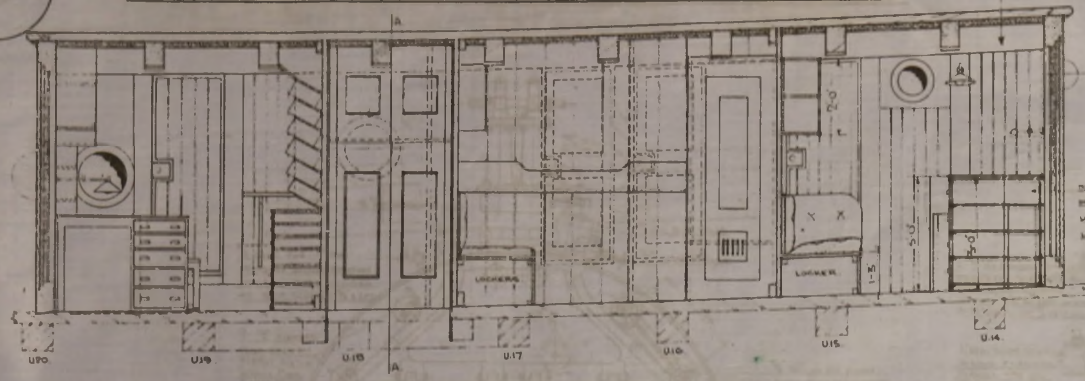
SCALE HALF SIZE. 4786

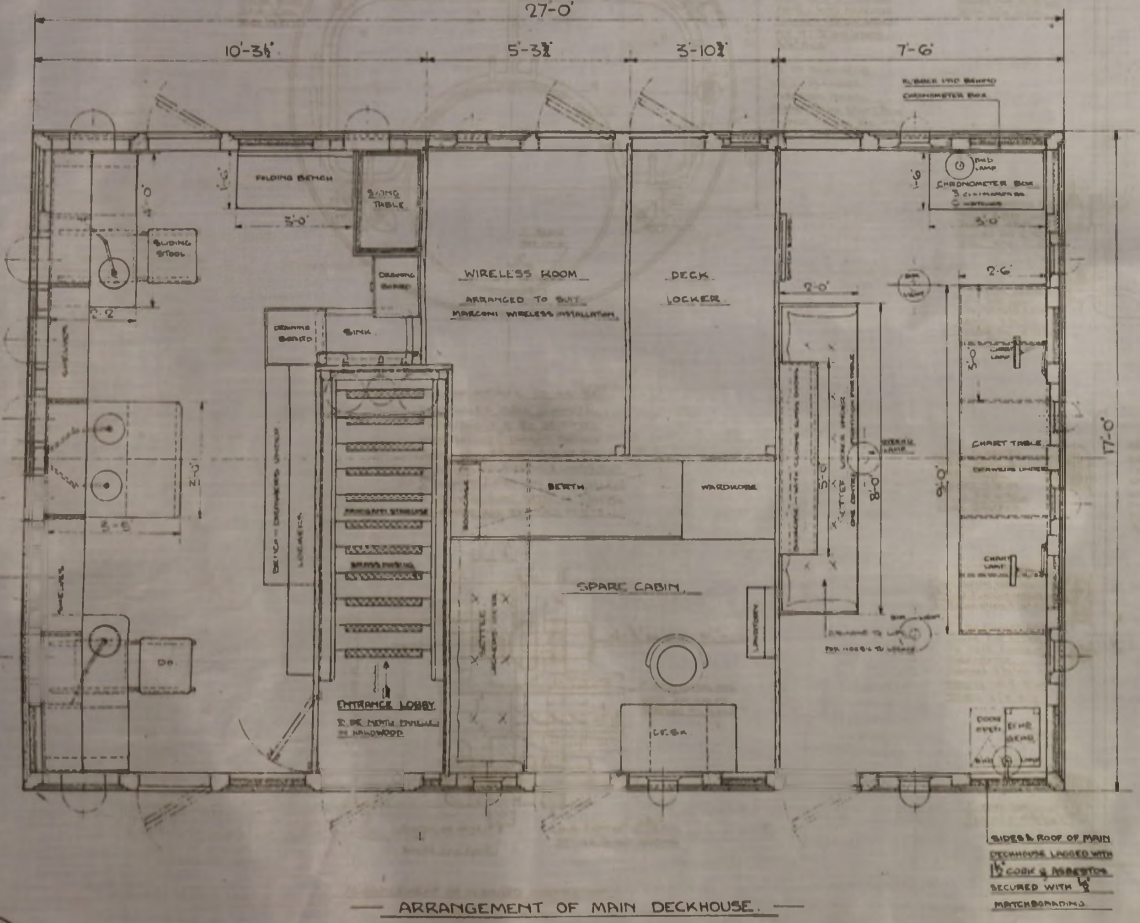
OT
27·8·24

IRONWORK DETAILS

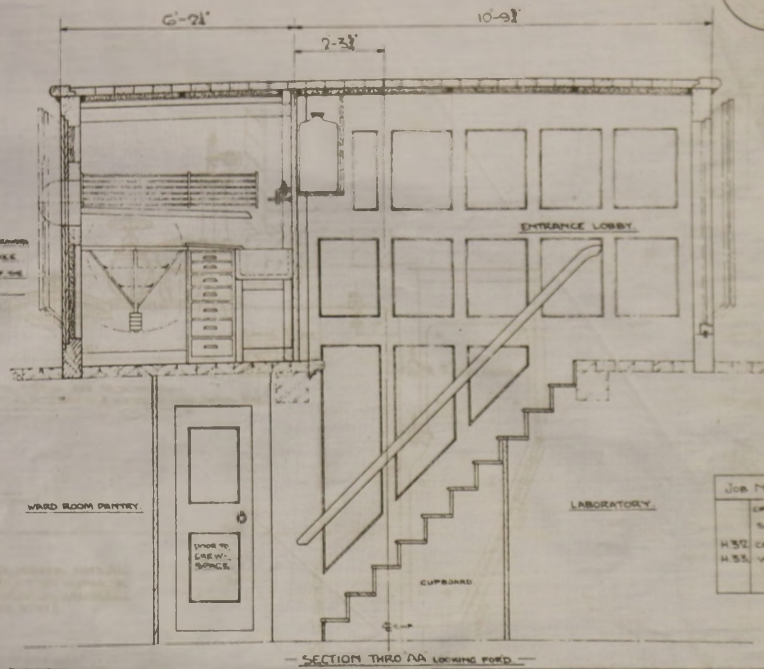
Dg Nº 4786

FALKLAND ISLES 460

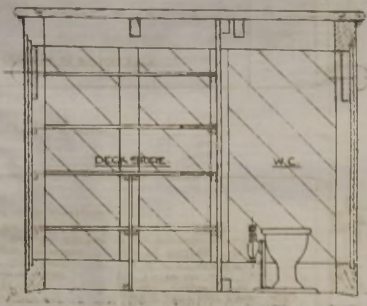




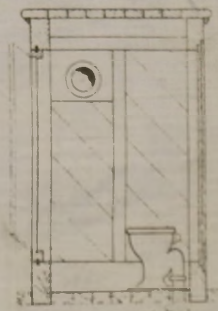
ARRANGEMENT OF MAIN DECKHOUSE.



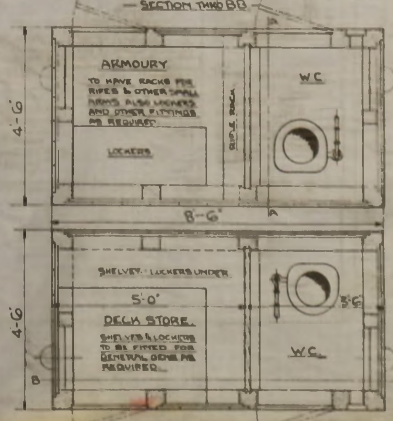
SECTION THRO AA LOOKING FWD



SECTION THRO BB



SECTION THRO CC LOOKING FWD



ARRANGEMENT OF W Cs STOREROOMS ETC

Job Numbers
H 512 Cabins
H 513 W Cs

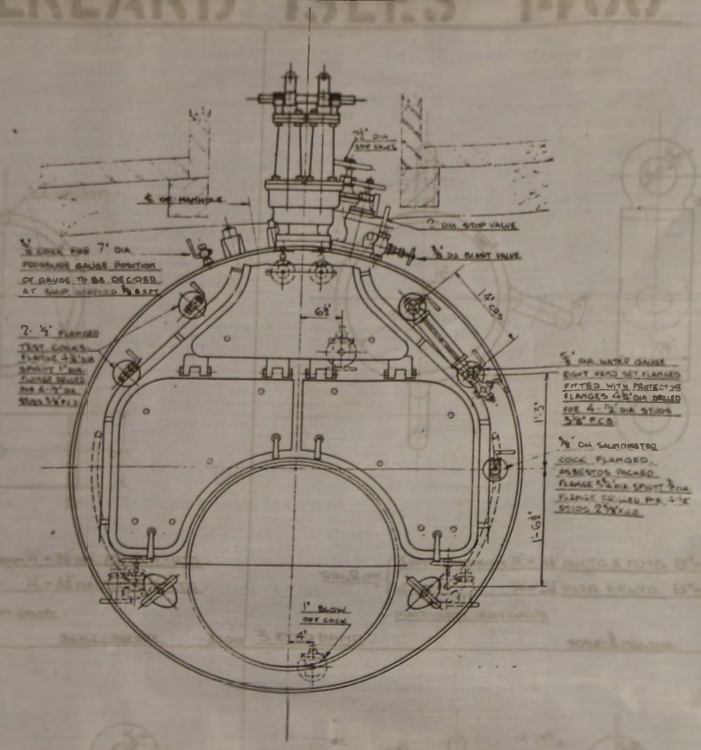
SCALE ½" = ONE FOOT

ARRGT OF UPPER DECK ACCOMMODATION

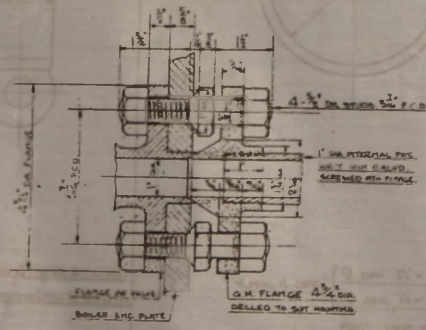
Dg No 4791

ISSUE- ④ ② ○ ○ ○ ○

FALKLAND ISLES 1460



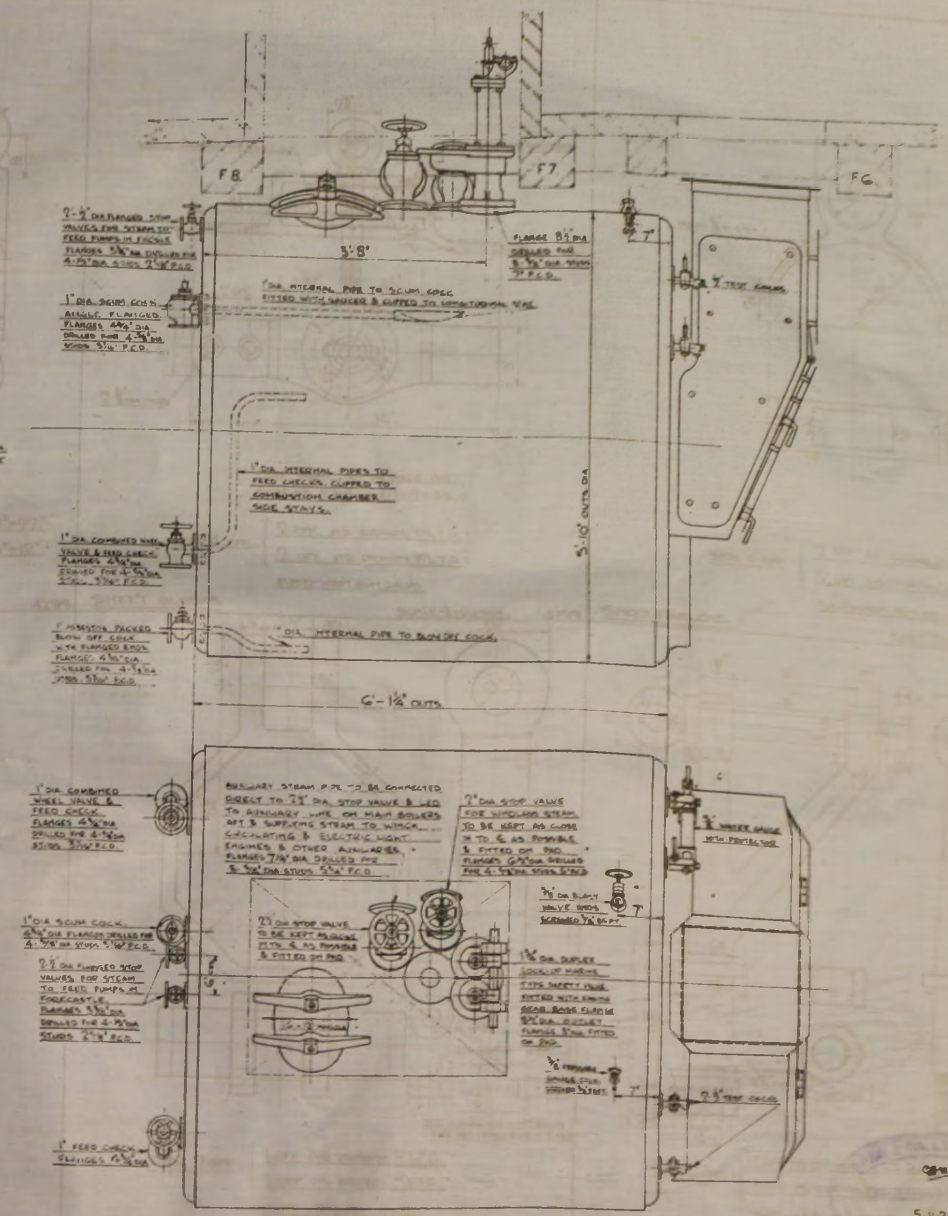
NOTE ALL MOUNTINGS TO BE OF DEWRANCE'S MAKE GUNMETAL THROUGHOUT & TO BE FITTED WITH SPIGOTS PASSING THROUGH SHELL FOR B.S. 23 BOILER TO BE LAGGED WITH ASBESTOS & COMPOSITION 2" THICK SECURED WITH GALVD STEEL PINS & BANDS OF SAME MATERIAL LAGGING TO COVER ALL EXPOSED PARTS



ARRANGEMENT OF FLANGED CONNECTION FOR INTERNAL PIPES

SCALE HALF SIZE

4 OFF COMPLETE AS DRAWN



WORKING PRESSURE 155 lbs/sq in

5.11.24

Job Numbers.	
1501	CROWN AGENTS FOR COLONIES S.S."DISCOVERY"

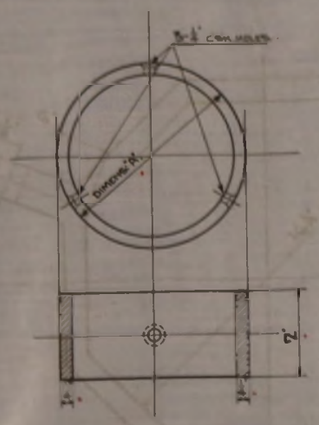
ARRGT OF MOUNTINGS FOR AUXILIARY BOILER

SCALE 1"=1 FOOT

Dg No 4793

ISSUE (1) (2) (3) (4) (5)

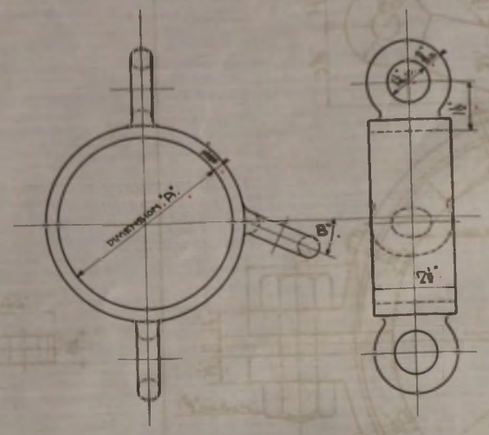
FALKLAND ISLES 1460



TOTAL 8 OFF { 4 OFF DIMENSION 'A' = 3½" DIA. M.U.T.G. & F.U.T.G. ; 4 OFF " 'A' = 4½" DIA. M.L.T.G. & F.L.T.G. }

MAT'L:- WROT IRON GALV'D.

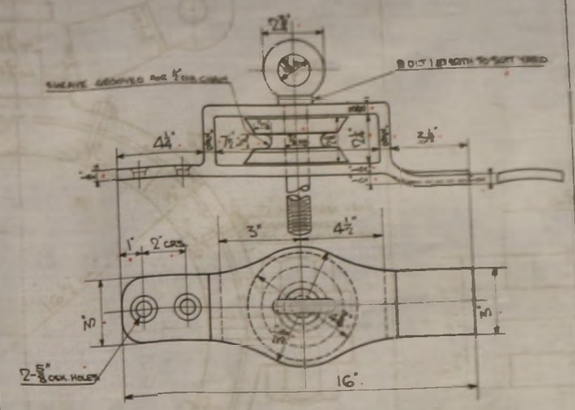
YARD ARM BAND. SCALE:- HALF SIZE. 4799



TOTAL 2 OFF { 4 OFF DIMENSION 'A' = 4½" M.U.T.G. & F.U.T.G. B°=77° ; 4 OFF " 'A' = 5½" M.L.T.G. & F.L.T.G. B°=12° }

MAT'L:- WROT IRON GALV'D.

3 EYED BAND. SCALE:- ½ FULL SIZE. 4799

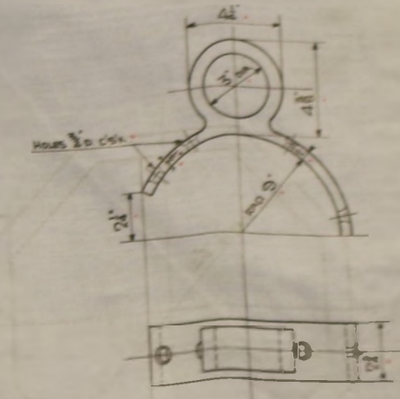


NOTE! ABOVE MAY BE MADE THE SAME AS EXISTING FITTINGS

TOTAL 4 OFF { 2 OFF AS DRAWN M.L.T.G. ; 2 OFF AS DRAWN F.L.T.G. }

MAT'L:- WROT IRON GALV'D

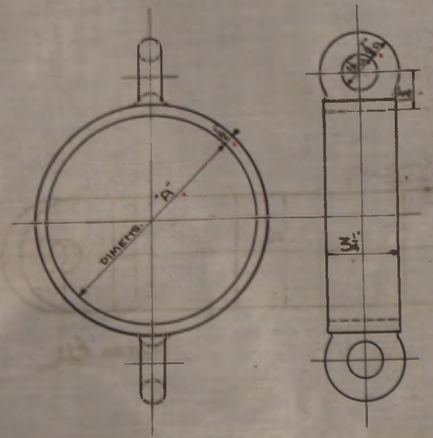
SHEET BLOCKS. SCALE:- ½ FULL SIZE. 4799



TOTAL 4 OFF { 2 OFF AS DRAWN M.L.T.G. ; 2 OFF AS DRAWN F.L.T.G. }

MAT'L:- WROT IRON GALV'D.

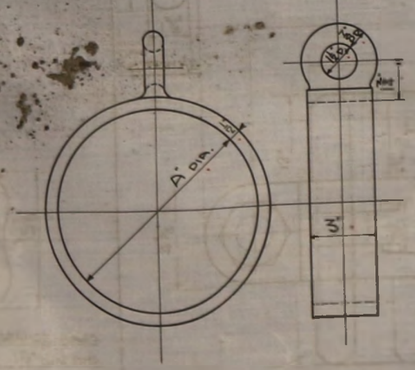
SHEET FAIRLEAD. SCALE:- ½ FULL SIZE. 4799



TOTAL 6 OFF { 4 OFF DIMENSION 'A' = 9½" (2 EYES) M.U.T.G. & F.U.T.G. ; 2 OFF DIMENSION 'A' = 9½" (1 EYE ONLY) M.U.T.G. & F.U.T.G. }

MAT'L:- WROT IRON GALV'D.

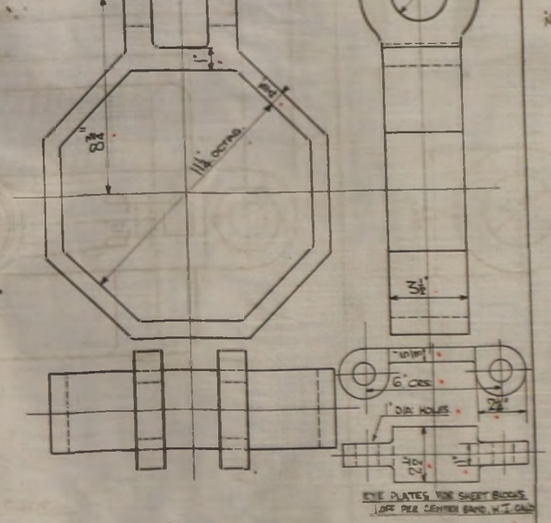
2 EYED BAND & CENTRE BAND (1 EYE) SCALE:- ½ FULL SIZE 4799



TOTAL 4 OFF { 2 OFF 'A' = 10⅛" M.L.T.G. ; 2 OFF 'A' = 10⅛" F.L.T.G. }

MAT'L:- WROT IRON GALV'D.

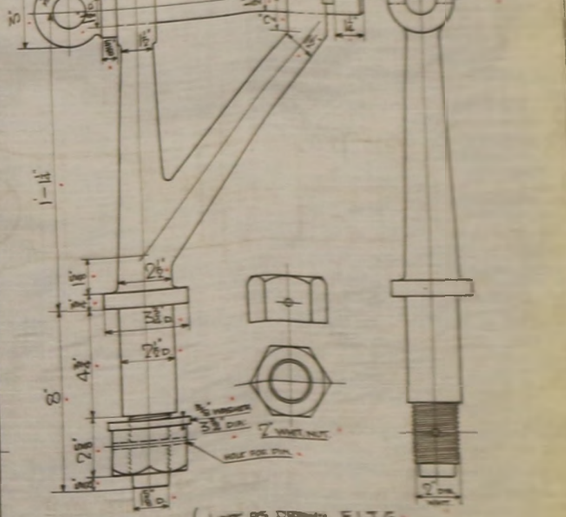
C.I. EW BAND. SCALE:- ½ FULL SIZE. 4799



TOTAL 2 OFF { 1 OFF AS DRAWN F.L.T.G. ; 1 OFF AS DRAWN M.L.T.G. }

MAT'L:- WROT IRON GALV'D.

CENTRE BAND. SCALE:- ½ FULL SIZE. 4799



TOTAL 2 OFF { 1 OFF AS DRAWN F.L.T.G. ; 1 OFF AS DRAWN M.L.T.G. }

MAT'L:- WROT IRON GALV'D.

CAP BRACKET & STAY. SCALE:- ½ FULL SIZE. 4799

1 SET OFF IRONWORK FOR SHIP AS DRAWN.
1 SET OFF IRONWORK FOR SPARE.

COWPER & COMPANY LTD
O.T.
19 8 24

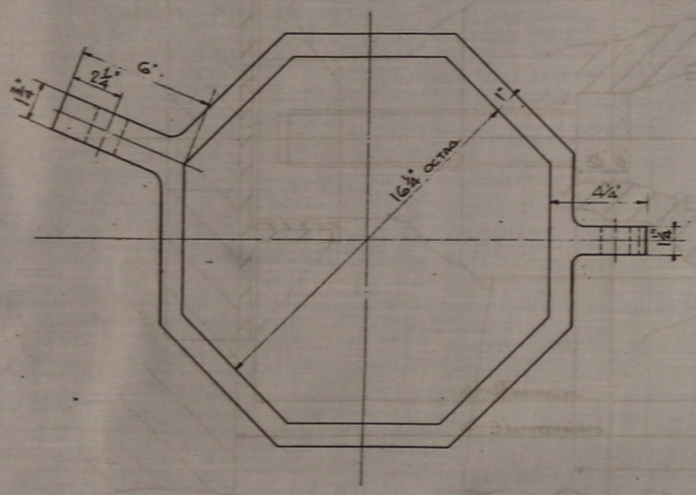
SCALES ½, ⅝ & ¾ FULL SIZE.

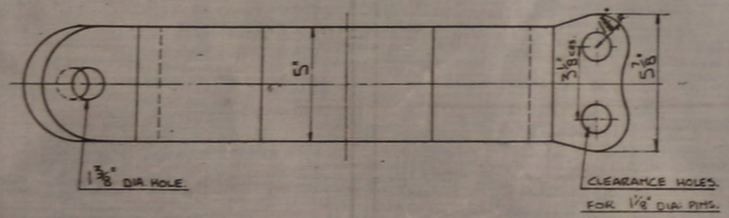
YARD IRONWORK DETAILS

Dg No 4799

FALKLAND ISLES 1460

JOB NUMBERS.	
H 27	S.S. 'DISCOVERY' CROWN AGENTS FOR COLONIES. STAFF GEAR.





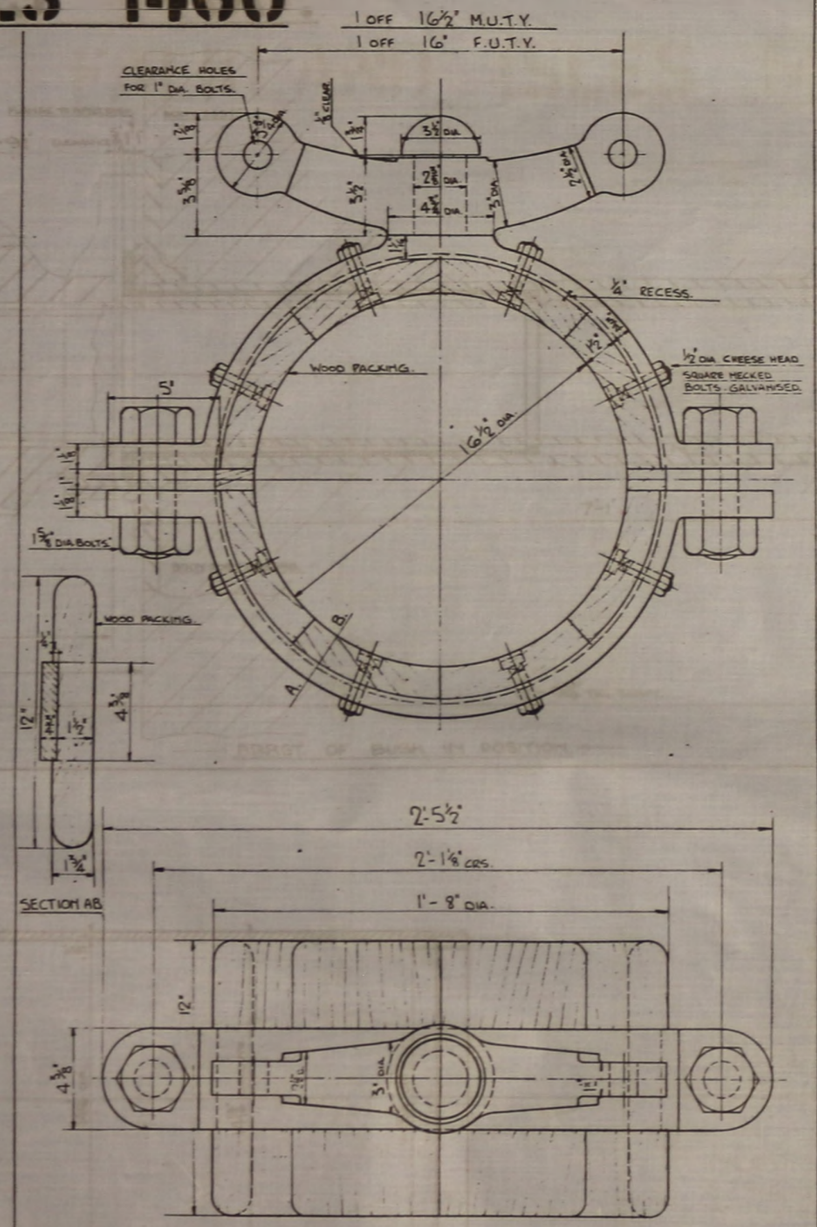
TOTAL 2 OFF { 1 OFF M.Y. / 1 OFF F.Y.

MATL: WROT: IRON.

CENTRE BAND.

DG Nº 4807.

1 OFF 16½" M.U.T.Y.
1 OFF 16" F.U.T.Y.

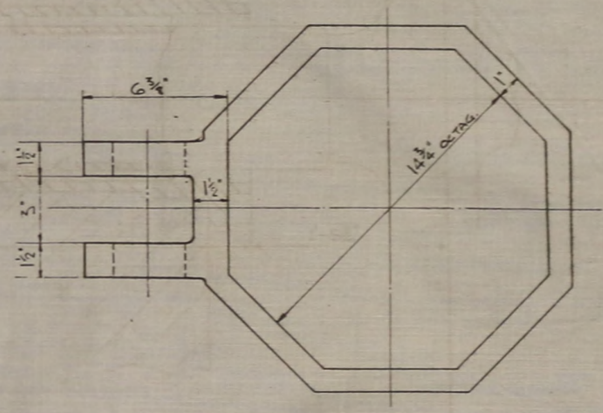


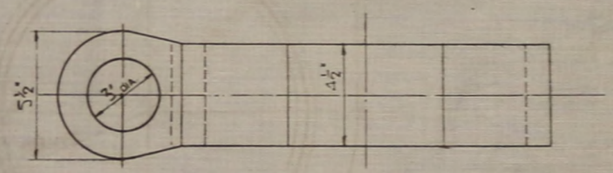
TOTAL 2 OFF { 1 OFF F.U.T.Y. / 1 OFF M.U.T.Y.

MATL: WROT. IRON.

MAST TRAVELLER.

DG Nº 4807.





TOTAL 2 OFF { 1 OFF F.L.T.V. / 1 OFF M.L.T.V.

MATL: WROT: IRON.

CENTRE BAND.

DG Nº 4807.

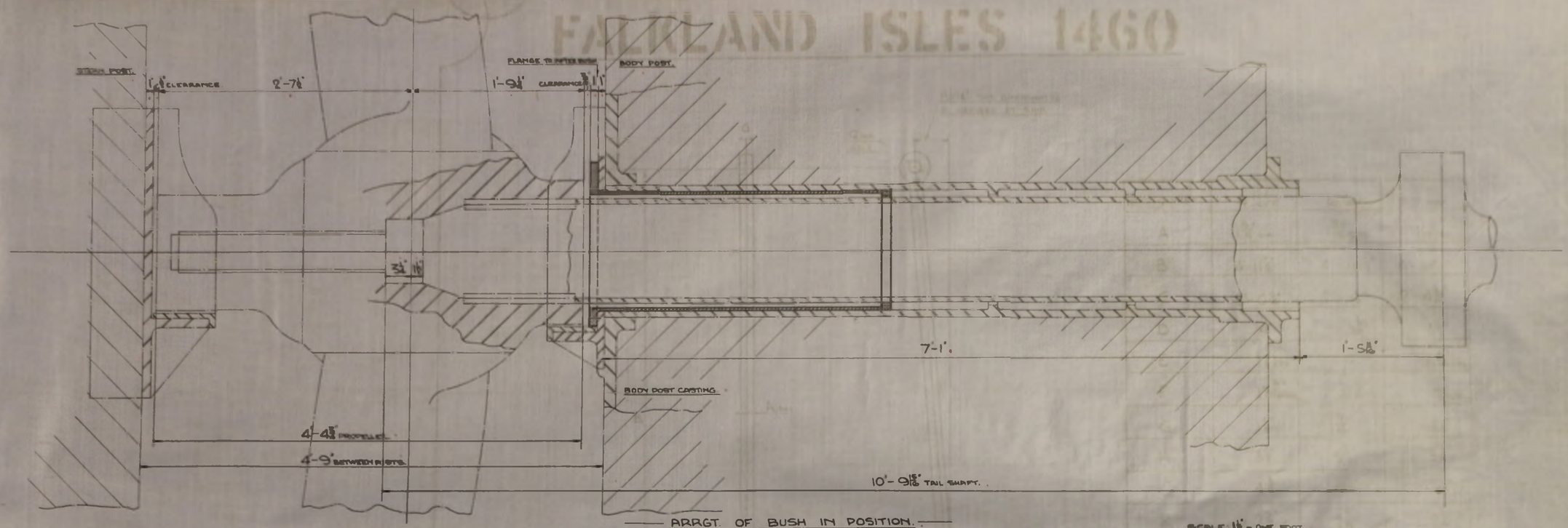
YARD IRONWORK DETAILS

SCALE: 3" = ONE FOOT.

30 C 24

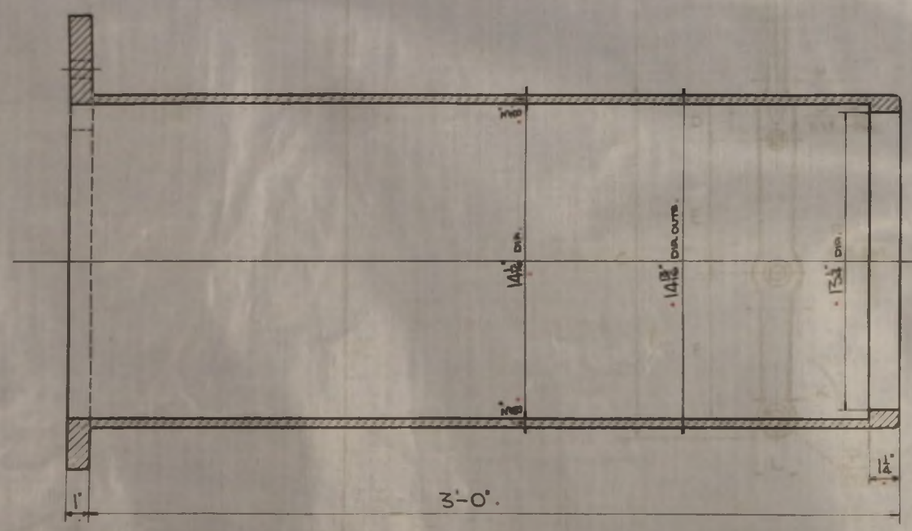
DG Nº 4807

FALKLAND ISLES 1460.

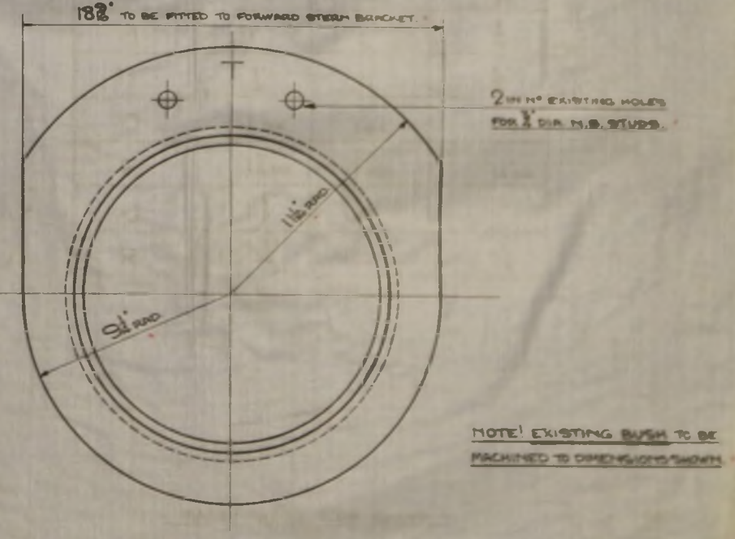


ARRGT. OF BUSH IN POSITION.

SCALE 1½" = ONE FOOT.



BRASS STERN TUBE AFTER BUSH.
(EXISTING BUSH MODIFIED.)



NOTE! EXISTING BUSH TO BE MACHINED TO DIMENSIONS SHOWN

SCALE 3" = ONE FOOT.

4808

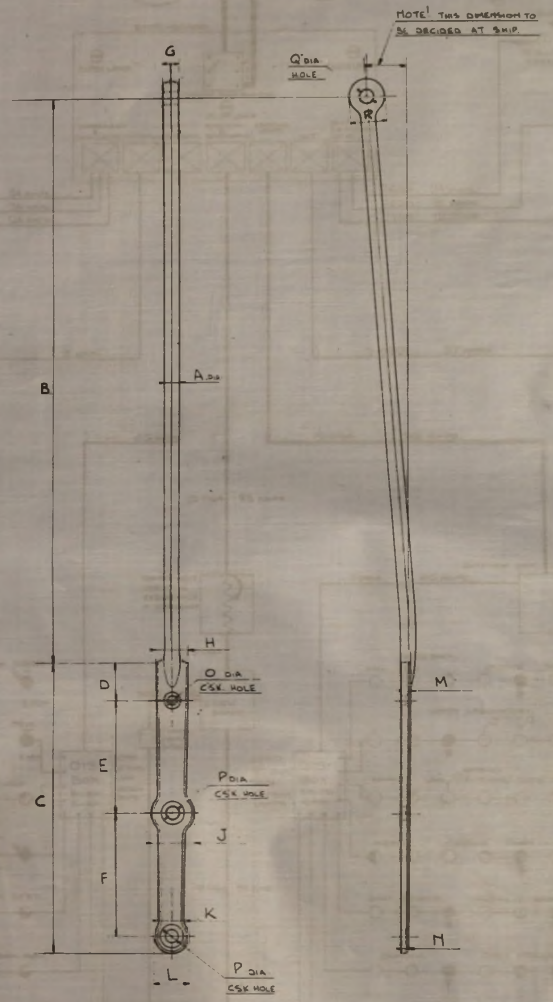
OT
12-8-24

STERN TUBE AFTER BUSH.

Dg N° 4808.

FALKLAND ISLES 1460

JOB NUMBERS	
M 21	CROWN AGENTS FOR COLONIES S.S. DISCOVERY



No REQUIRED	4 OFF	6 OFF	2 OFF
A	$1\frac{5}{8}$" DIA	$1\frac{7}{16}$" DIA	$1\frac{1}{4}$" DIA
B	4'-$11\frac{1}{2}$"	4'-$10\frac{5}{8}$"	4'-10"
C	2'-$6\frac{1}{4}$"	2'-6"	2'-$4\frac{3}{8}$"
D	4"	$3\frac{3}{4}$"	$3\frac{1}{2}$"
E	12" CRS	12"	$11\frac{3}{16}$" CRS
F	$12\frac{9}{16}$" CRS	$12\frac{9}{16}$"	12" CRS
G	$1\frac{5}{8}$"	$1\frac{7}{16}$"	$1\frac{1}{4}$"
H	$3\frac{1}{2}$"	$3\frac{3}{8}$"	$3\frac{3}{8}$"
J	$4\frac{3}{8}$"	$4\frac{1}{2}$"	$4\frac{1}{4}$"
K	$2\frac{5}{8}$"	$2\frac{5}{8}$"	$2\frac{3}{4}$"
L	$3\frac{3}{8}$"	$3\frac{3}{8}$"	$3\frac{3}{8}$"
M	1"	$\frac{7}{8}$"	$\frac{13}{16}$"
N	$\frac{3}{4}$"	$\frac{11}{16}$"	$\frac{5}{8}$"
O	1" DIA	1" DIA	1" DIA
P	$1\frac{3}{8}$" DIA	$1\frac{5}{8}$" DIA	$1\frac{1}{4}$" DIA
Q	$1\frac{3}{8}$"	$1\frac{1}{2}$"	1"
R	$3\frac{3}{8}$"	3"	$2\frac{5}{8}$"

— MATL:- WROT. IRON GALVD. —

2 NTS.

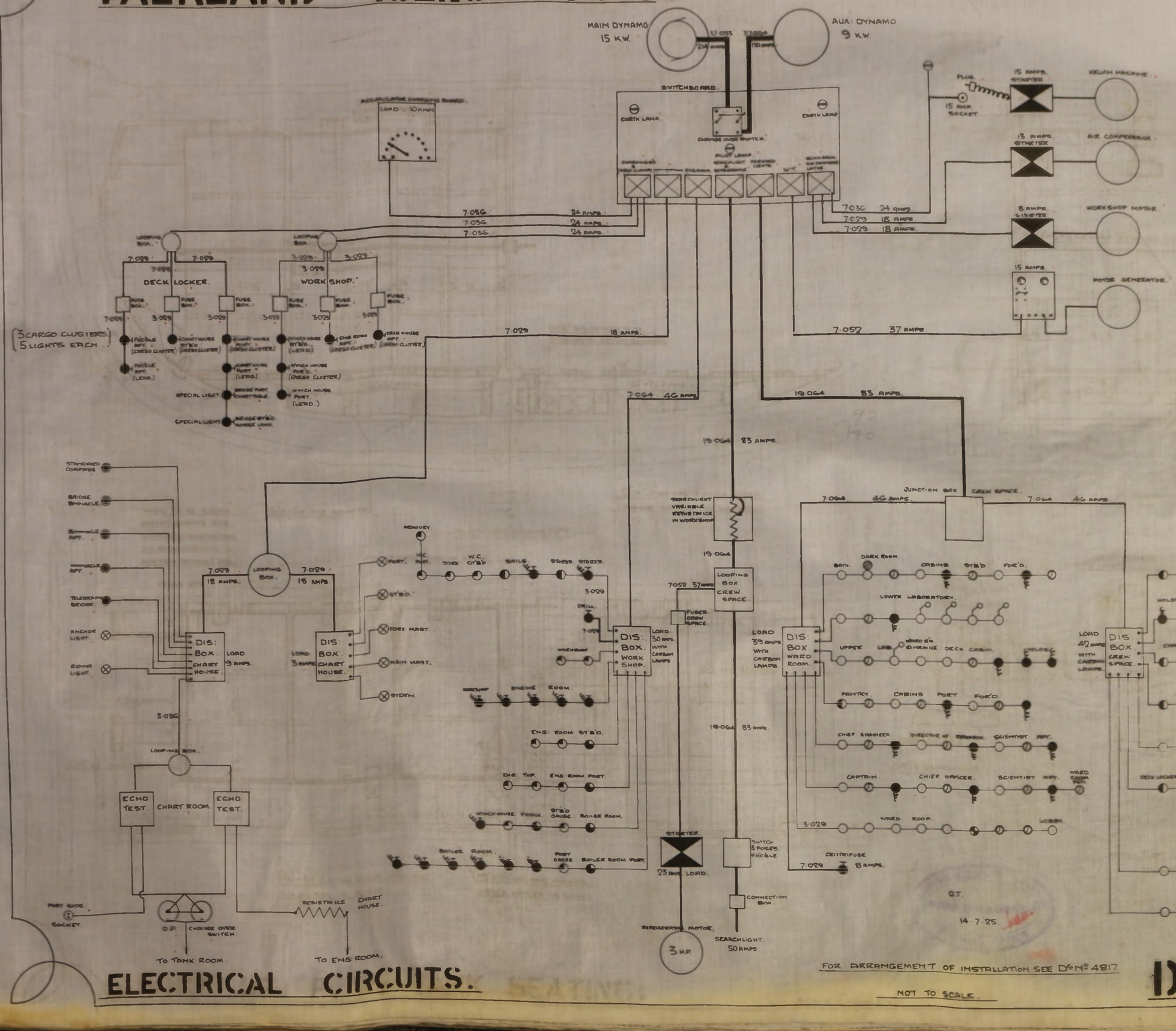
17324

CHAIN PLATES

DG No 4812

ISSUE:- ① ○ ○ ○ ○ ○

FALKLAND ISLES 1460.



TOTAL LIGHTS		184
•	FANS	25
•	DRILLS	1
33	○ NWT PENDANTS	
16	◐ WT •	
25	◐ NWT •	GUARDED
5	◔ WT BRACKET	
3	◔ NWT •	GUARDED
25	Ø FANS	27 FAN SOCKETS
10	LAZILITES	
20	TABLE LAMPS	
35	PORT LEAD SOCKETS	37 LEADS
32	SWITCH SOCKETS	15 LIGHTS
12	SPECIAL LIGHTS	
7	⊗ NAVIGATION LIGHTS	
6	COMPASS TELEGRAPH ETC.	

NOTE! WIRING THROUGHOUT TO BE ON THE DOUBLE WIRE SYSTEM 2000 MEGOHM GRADE WIRE ADMIRALTY QUALITY LEAD COVERED. ARMOURED WIRE TO BE INTRODUCED AS NECESSARY. ALL PORTABLE CABLES TO BE BRASS ARMOURED.

O.T.

14·7·25.

FOR ARRANGEMENT OF INSTALLATION SEE Dg No 4817

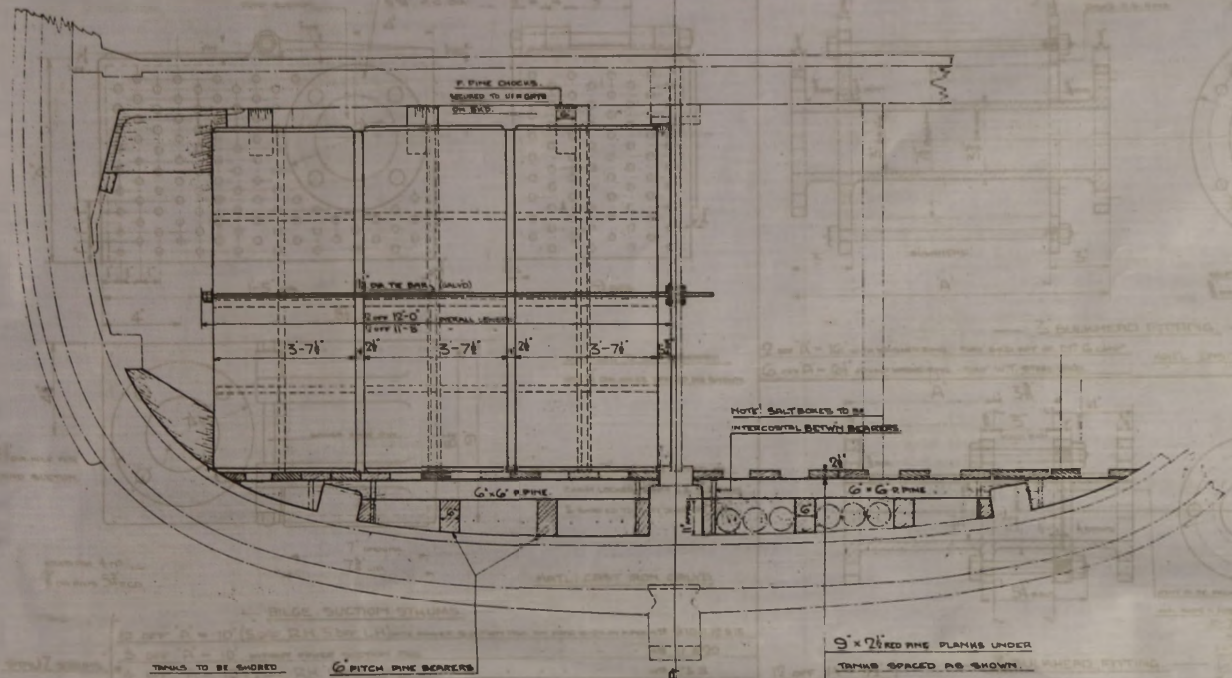
NOT TO SCALE.

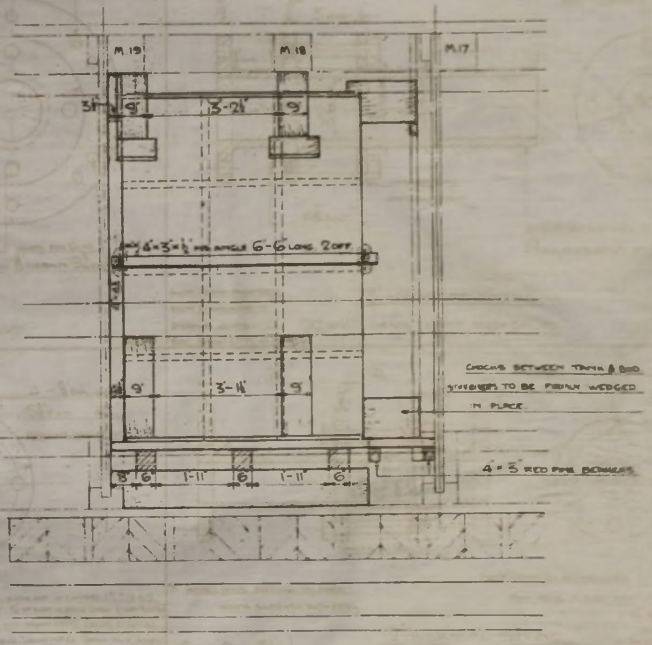
ELECTRICAL CIRCUITS.

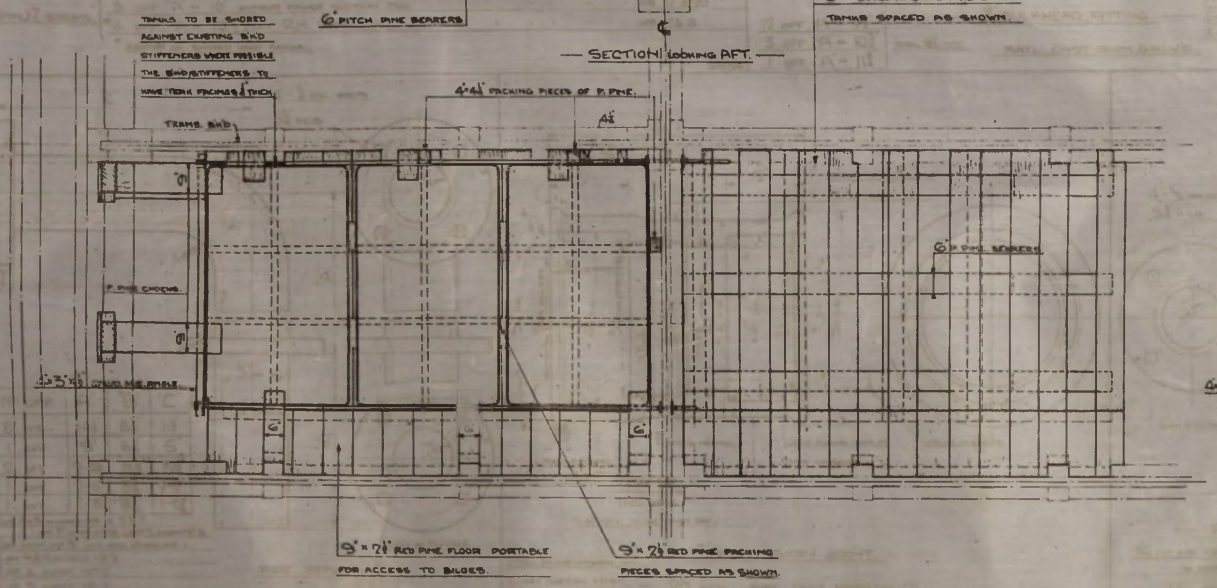
Dg No 4816

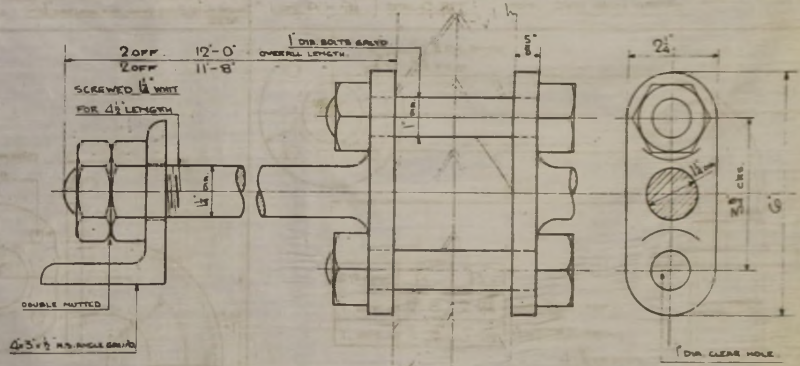
FALKLAND ISLES 1460.

Job Numbers	
42	[illegible] A&S DISCOVERY
H64	STEERING









DETAIL OF TIE RODS.

TOTAL 4 OFF. GALVD. { 2 OFF FOR PORT COMPARTMENT / 2 OFF " STBRD "

NOTE 2 OFF 1" DIA BOLTS SECURING EACH PAIR OF THE RODS.

SCALE: HALF SIZE

O.T.

23·10·24

ARRGT OF F. W. TANK SEATING.

SCALE ½" = ONE FOOT.

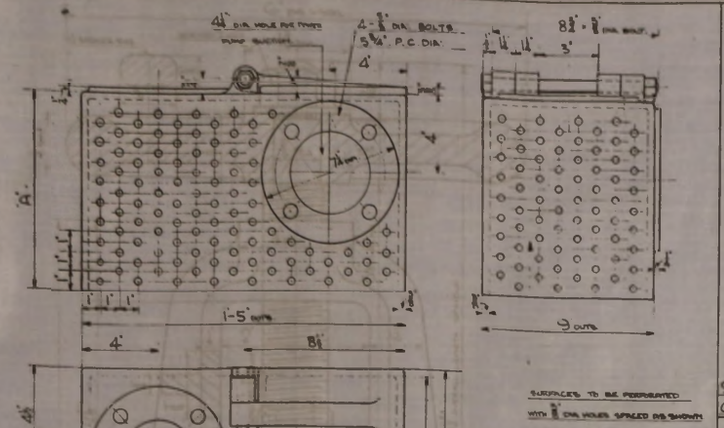
Dg No 4818.

ISSUE:- (1) (2) (3)

FALKLAND ISLES 1460

JOB NUMBERS

E.B.	DRAWN SEE NOTES
	SPECIFICATION



SURFACES TO BE PERFORATED WITH ⅜ DIA HOLES SPACED AS SHOWN

NOTE! STRUMS 'B' ONLY TO BE FITTED IN CARGO LOCKER, & NOS 1 & 2 STRUMS TO BE SHAPED TO SUIT SHIP ON JOB.

MATL: CAST IRON GALVD.

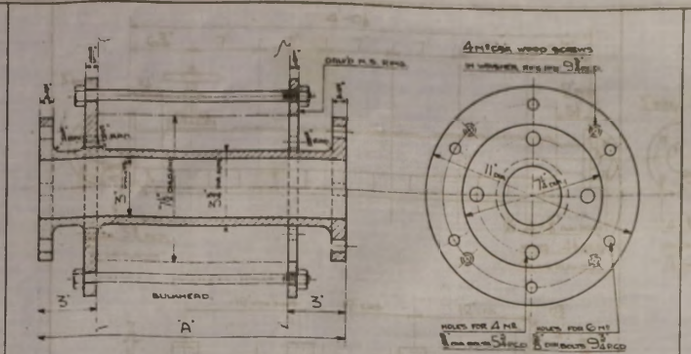
BILGE SUCTION STRUMS.

TOTAL 17 STRUMS

10 OFF 'A' = 10" (5 OFF RH 5 OFF LH) WITH POWER SUCTION PRD. FOR PIPED SUCTION PIPES NOS 9.10.11.12.&15	
3 OFF 'A' = 10" WITHOUT POWER SUCTION PRD.	NOS. 17 & 20.
4 OFF 'A' = 10" (2 OFF RH 2 OFF LH) WITH	NOS. 7 & 8.

REQUIRED ON SHARED WOOD BRACES.

4834

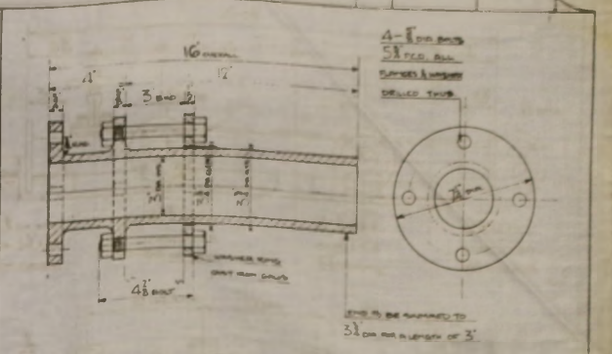


3" BULKHEAD FITTING.

2 OFF 'A' = 16" WITH ½" DIA RINGS. THRO' BHD AFT OF No 6 COMPT
6 OFF 'A' = 6½" WITHOUT RINGS. THRO' W.T. STEEL BHD.

MAT'L: CAST IRON GALVD.

4834

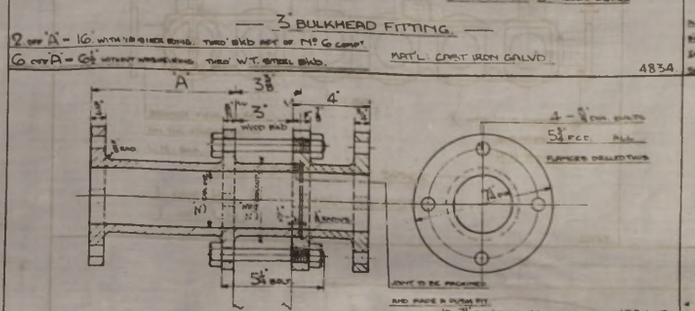


3" BULKHEAD FITTING

20 OFF.

MAT'L: CAST IRON GALVD.

4834



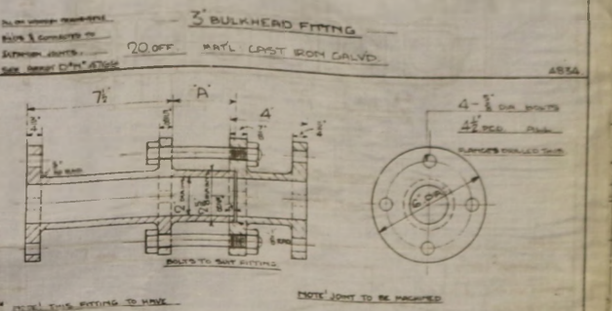
12 OFF 'A' = 7½"	
3 OFF 'A' = 10½"	TOTAL 16 OFF.
1 OFF 'A' = 11½"	

3" BULKHEAD FITTING.

MATL: CAST IRON GALVD.

10-⅞" DIA STUD STEEL BOLTS ANY = COMPRN 12½ & 6.5 RIVETED HOLES IN 6 OFF SHAPED IN EACH CASE (SHIFTED)
1-7½" THRD WORK BHD COMPT No 2. (BRASS STRUMS).
1-7½" THRD WORK BHD COMPT No 6. (BRASS VALVE BOXES)
3-10½" THRD WORK BHD COMPTS No 1.5.&6 (BRASS STRUMS).
1-11½" THRD WORK BHD COMPT No 3 (BRASS STRUMS)

4834



NOTE! THIS FITTING TO HAVE BOLTS SCREWED BOTH ENDS.

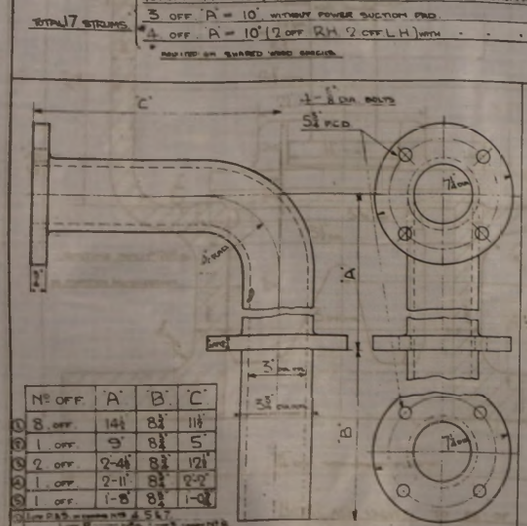
NOTE! JOINT TO BE MACHINED AND MADE A PUSH FIT.

2 OFF 'A' = 3½"	
1 OFF 'A' = 9½"	TOTAL 3 OFF.

7" BULKHEAD FITTING.

MATL: CAST IRON GALVD.

4834



No OFF.	'A'	'B'	'C'	
8 OFF.	14½	8½	11½	
1 OFF.	9"	8½	5"	
2 OFF.	2-4½"	8½	12½	
1 OFF.	2-11"	8½	2-2"	
1 OFF.	1-8"	8½	1-0½	

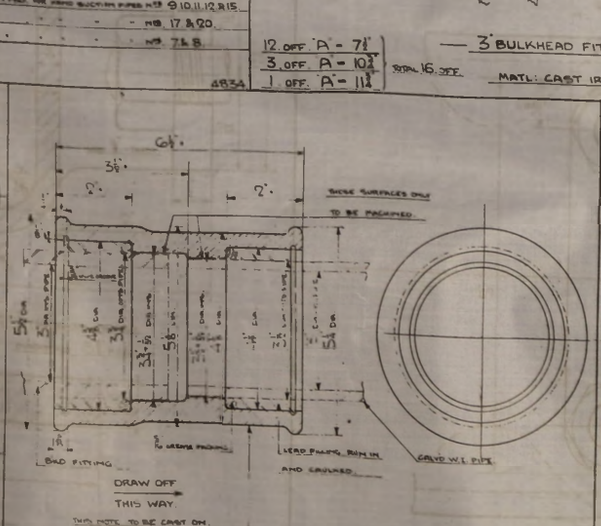
1 OFF P.&S. ON COMPT No 3
1 OFF S. COMPT No 2
1 OFF S. COMPT No 1

PLAN OF FLANGE.

PIPE BENDS

MATL: CAST IRON GALVD.

4834

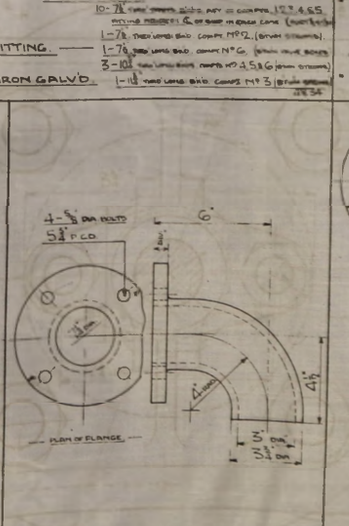


3" EXPANSION JOINT

FITTED AS NECESSARY ON POWER SUCTION PIPES Nos 1.2.3.&4 (PORT & STBD)

20 OFF. MATL: CAST IRON GALV'D

4834

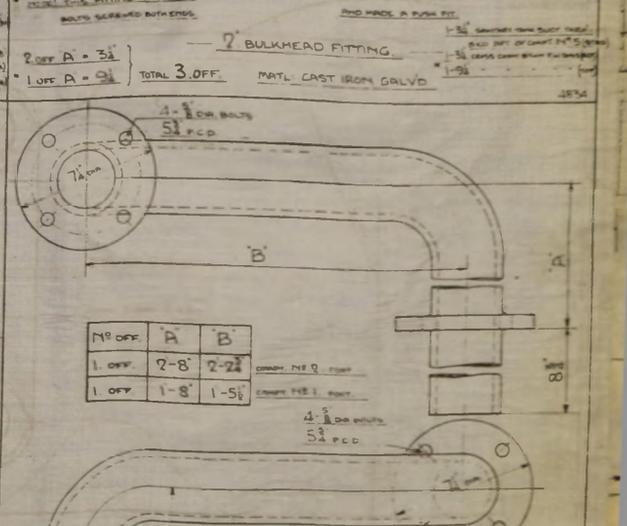


PIPE BENDS

TO FIT ON POWER SUCTIONS INSIDE STRUMS IN COMPTS Nos 1.2.3.4.5.6.&7

14 OFF. MATL: CAST IRON GALV'D

4834



No OFF.	'A'	'B'	
1. OFF.	2-8"	2-2½	CROWN No 9 PORT
1. OFF	1-8"	1-5½	CROWN No 1 PORT

PIPE BENDS

MATL: CAST IRON GALVD.

4834

FOR REMT OF FITTINGS ON SHIP SEE Dg No 4766

BILGE SUCTION FITTINGS.

OT

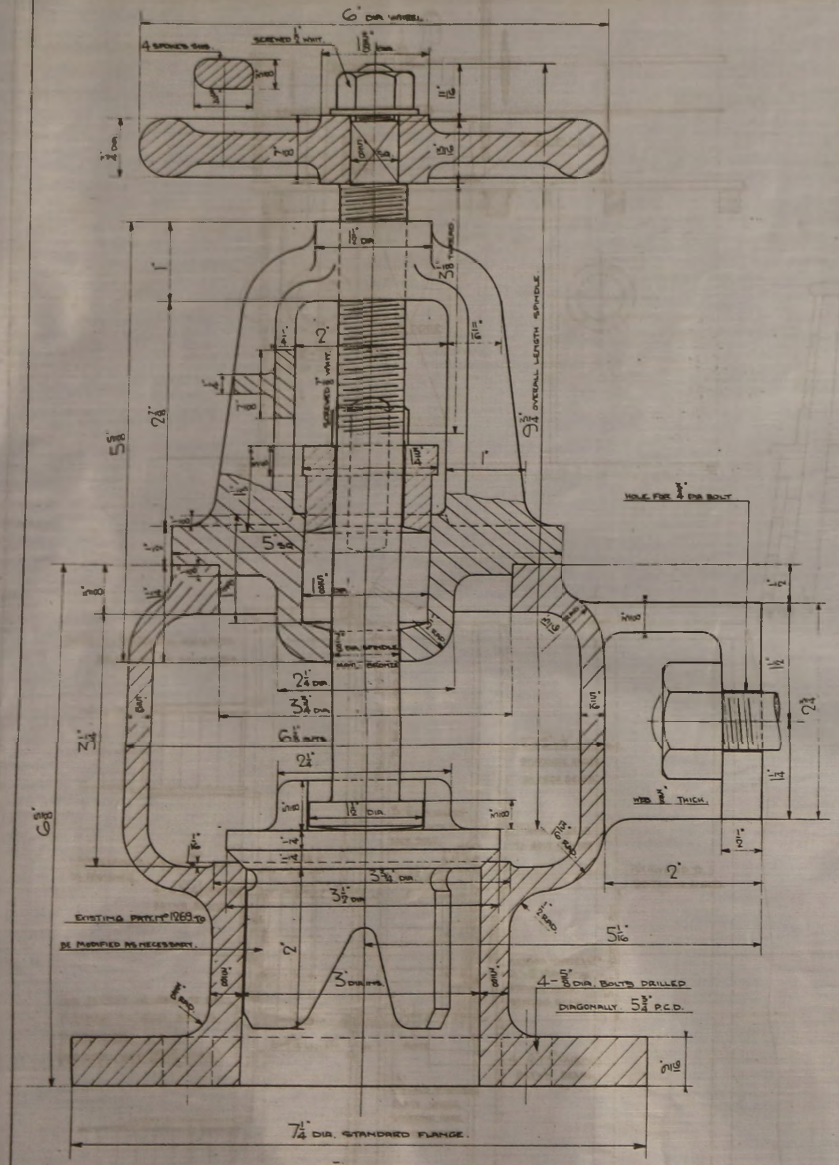
10.1.'05.

SCALE — ½ & ¼ SIZE

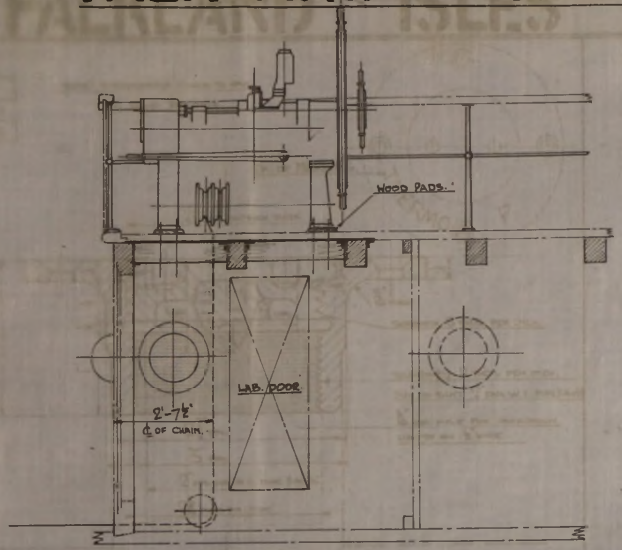
Dg No 4834

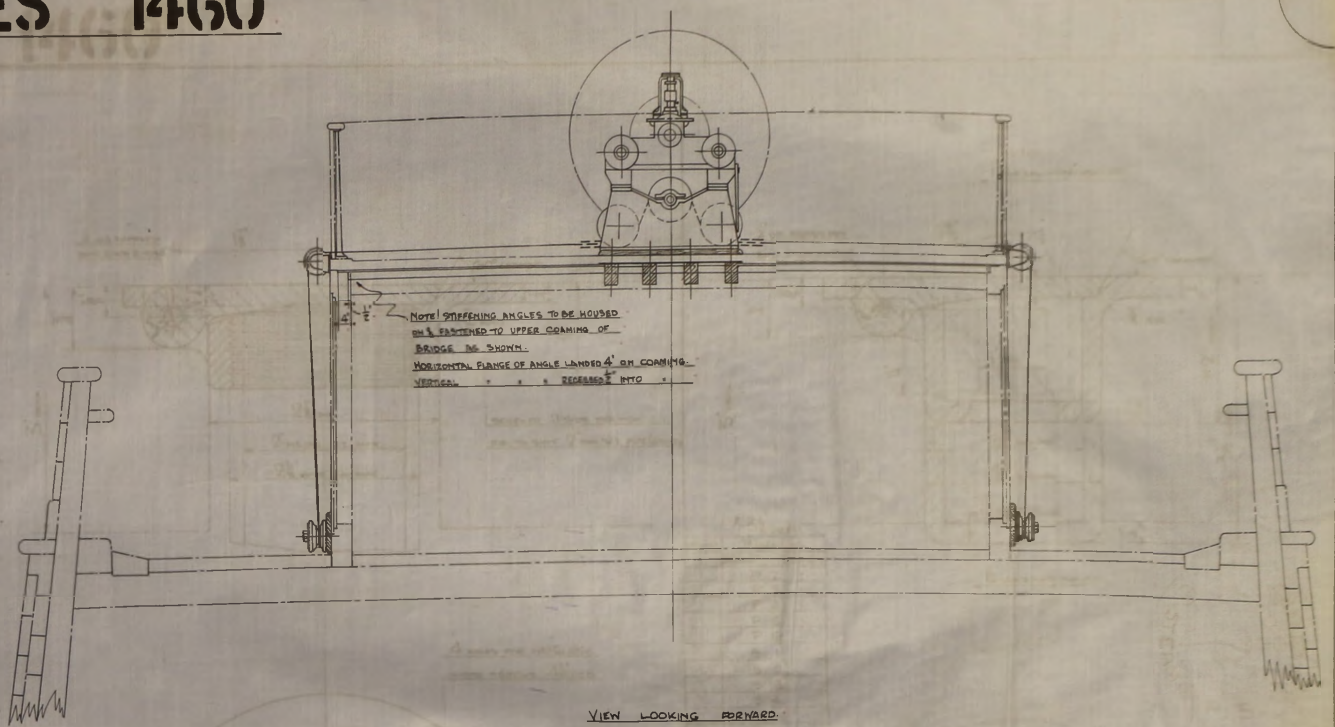
ISSUE — 1 2 3

FALKLAND ISLES 1460.

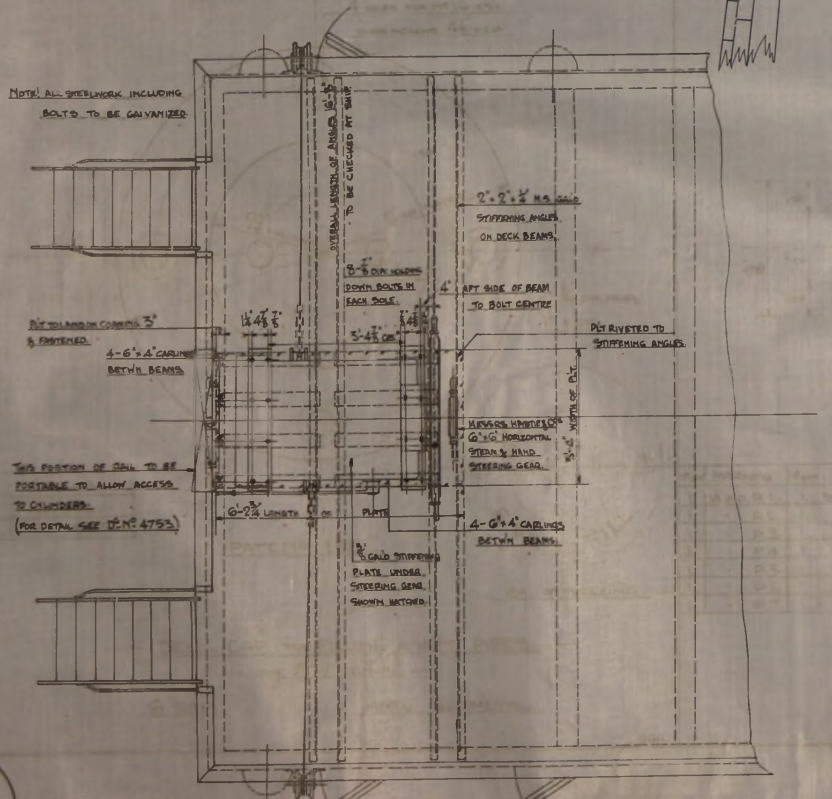

6' DIA WHEEL
4 SPOKES OVAL
SCREWED 1" WHIT
1 1/8" DIA
1 1/2" DIA
1 1/2" DIA
1 1/2

FALKLAND ISLES 1460





VIEW LOOKING FORWARD.



31.1.'25.

SCALE:- ½" = 1 FOOT.

ARRT STEAM STEERING GEAR ON BRIDGE

D.C. No 5007

FALKLAND ISLES 1460

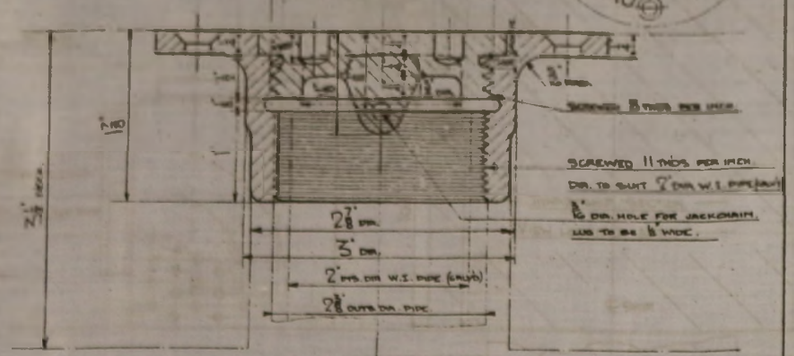
Job Numbers	
E.8	CROWN AGENTS 33 DISCOVERY

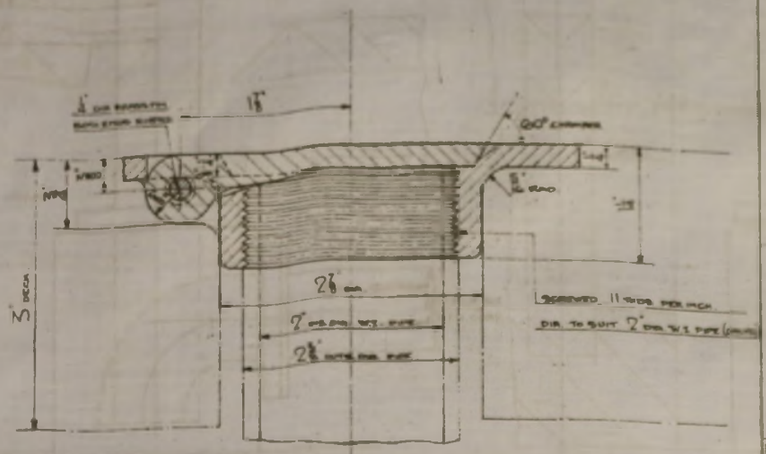
No OFF	MARKING.
8	THERMO. P
8	" S

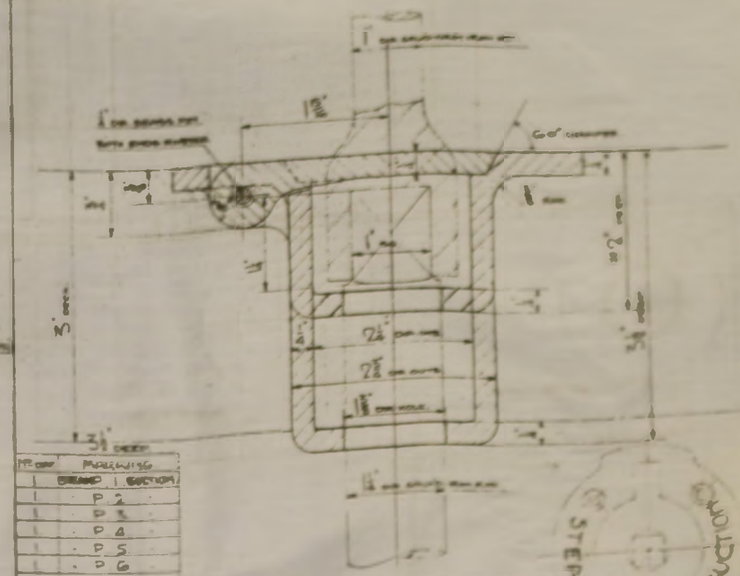
NOTE! THERMOMETER TUBES TO BE W.T. SOLID BOTTOMS

EX. OF MARKING





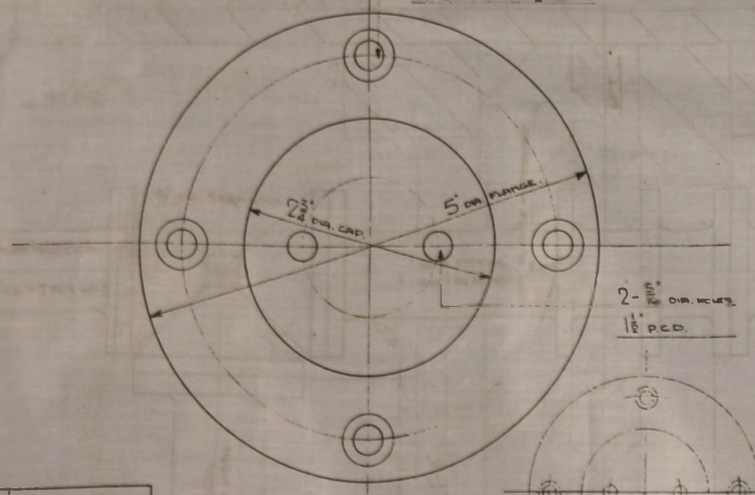




No OFF	MARKING
1	SOUND P.1
1	" P.2
1	" P.3
1	" P.4
1	" P.5
1	" P.6
1	" P.7
1	SOUND S.1
1	" S.2
1	" S.3
1	" S.4
1	" S.5
1	" S.6
1	EXP. FROM FORD
1	STEAM TO FORD

EX. OF MARKING

4 HOLES FOR No 16 CSK WOOD SCREWS. 4⅛" P.C.D.



2-⅜" DIA. HOLES 1⅝" P.C.D.



EX. OF MARKING

No OFF	MARKING
2	F.W. FILL
2	F.W. VENT

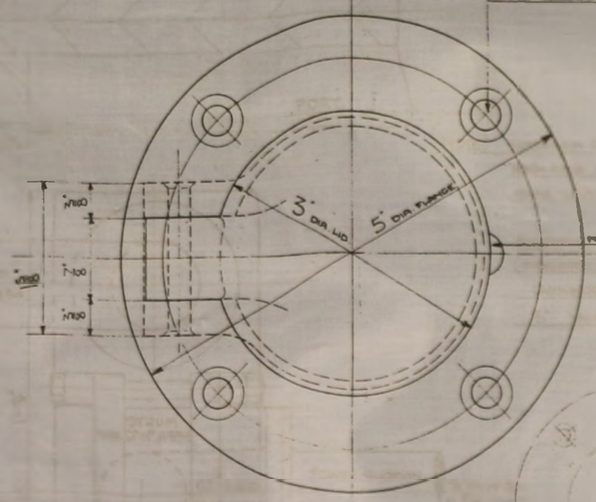
PATT. No 1315

— DECK CAP FOR FILLING & VENT PIPES. —
— FOR F.W. TANKS. —

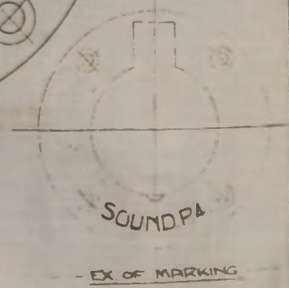
6. OFF. MATL: GUNMETAL

5011

4 HOLES FOR No 16 CSK WOOD SCREWS. 4⅛" P.C.D.



PATT. No 1316



EX. OF MARKING

— DECK CAP FOR SOUNDING PIPES. —

14. OFF. MATL: GUNMETAL

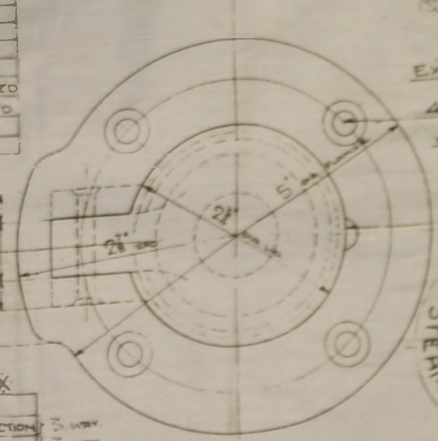
5011

No OFF	MARKING
1	STEAM P SUCTION (3 WAY)
1	" S " (3 WAY)
1	SANITARY OPEN SHUT (2 WAY)

2" DEEP X

No OFF	MARKING
1	HAND SUCTION 1
1	" 2
1	" 3
1	" 4
1	" 5
1	" 6

2" DEEP





EX. OF MARKING

PATT. No 1317

— DECK CAPS FOR EXTENSION RODS FOR BILGE SUCTION LINE. —

9. OFF 2" DEEP
12 OFF 5½" DEEP

MATL: GUNMETAL

NOTE! THIS CAP NOT TO SCALE.

5011

NOTE! MARKING TO BE CAREFULLY CUT IN EACH FLANGE AND NOT TO BE TYPED

SCALE — FULL SIZE.

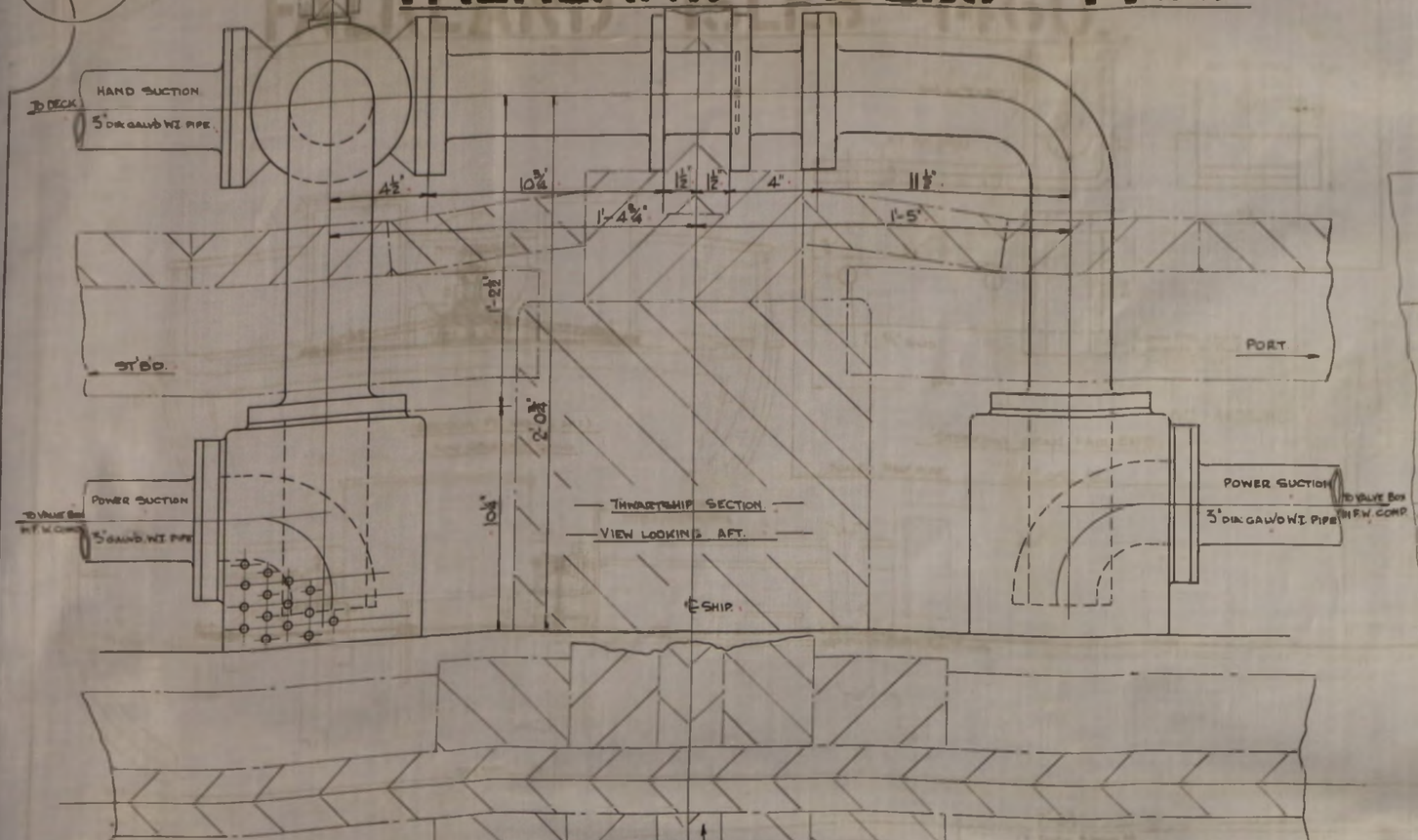
OT 4 9 85

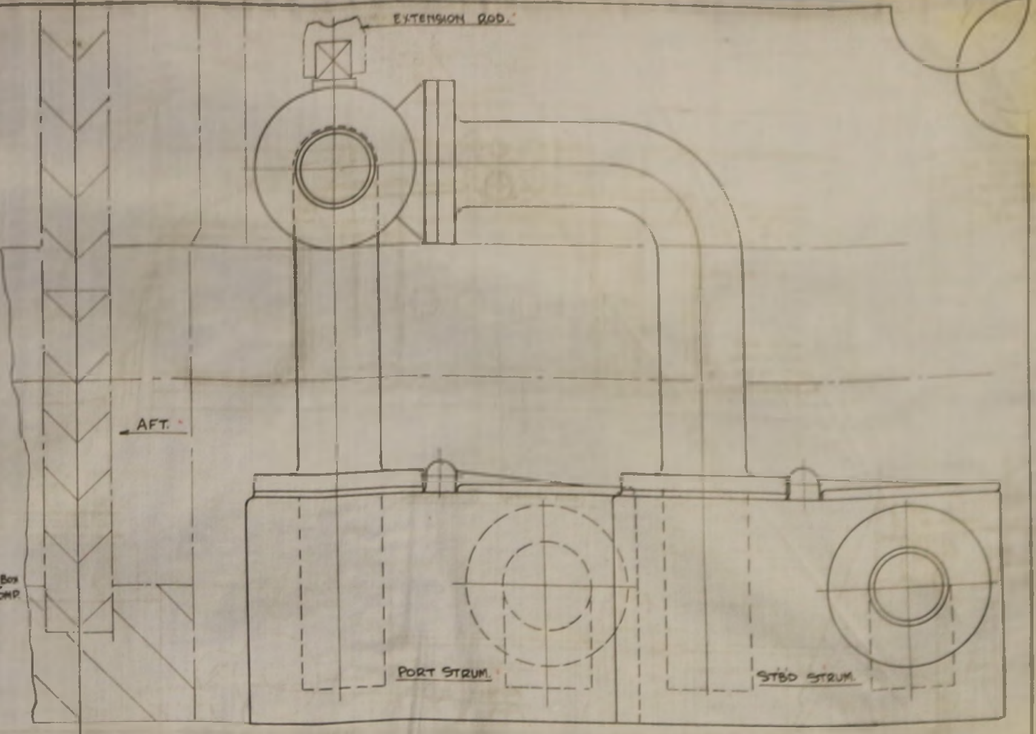
DECK CONNECTIONS FOR WATER PIPES ETC:

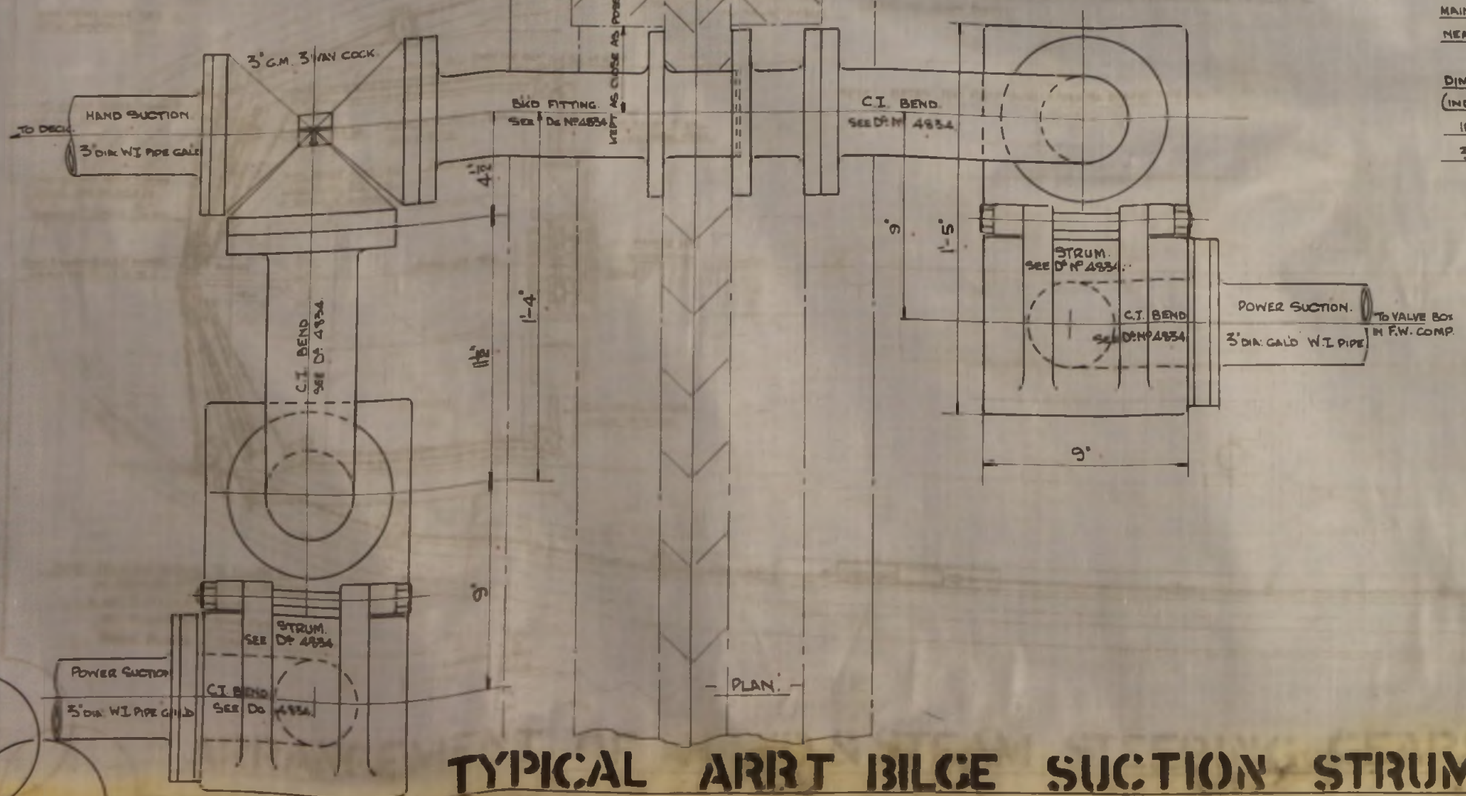
D^G No 5011

ISSUE — ① ② ③ ④ ⑤ ⑥

FALKLAND ISLES 1460







NOTE! EXTENSION RODS MUST BE ARRANGED TO PIERCE MAIN DECK IN ACCESSABLE POSITIONS & TO BE AS NEAR THE AFTER B&D IN EACH COMPART. AS PRACTICABLE.

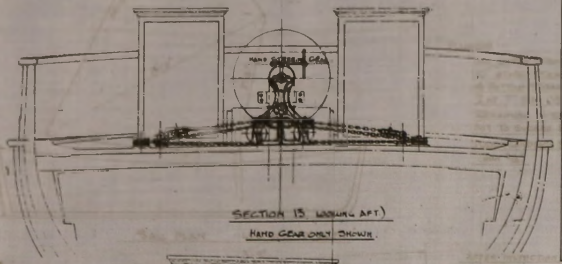
DIMENSIONS SHOWN APPLY TO COMPARTS. 4 & 5 ONLY. (INDICATED ON ARRGT. OF BILGE PUMPING Dg No 4766.)
IRONWORK DETAILS SHOWN ON Dg No 4834.
3" VALVE BOXES SHOWN ON Dg No 4837.

TYPICAL ARRT BILGE SUCTION STRUMS

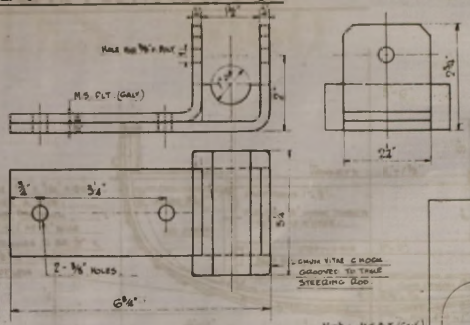
SCALE:- 3" = 1 FOOT

Dg No 5034

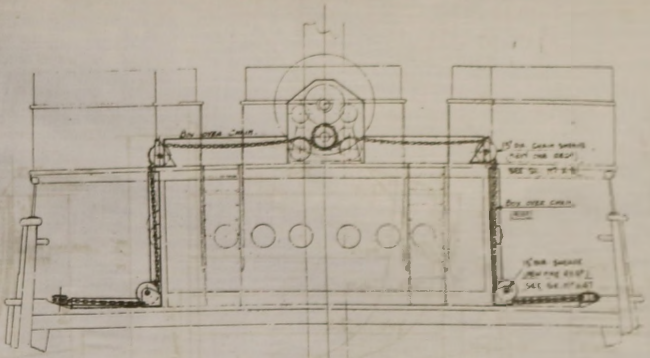
FALKLAND ISLES 1460.



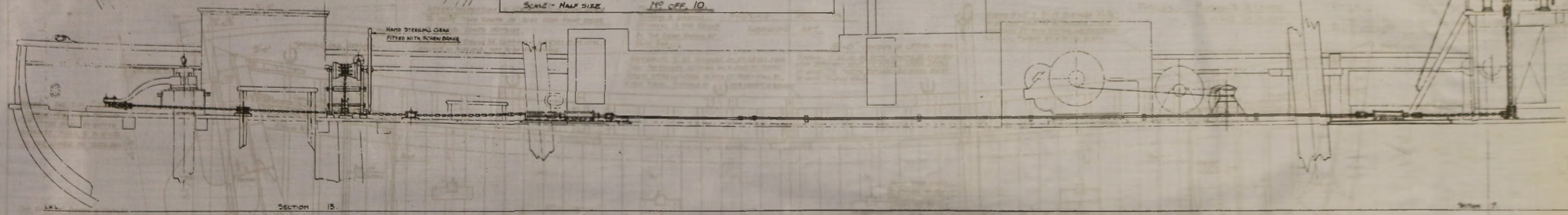
SECTION 13 (LOOKING AFT)
HAND GEAR ONLY SHOWN



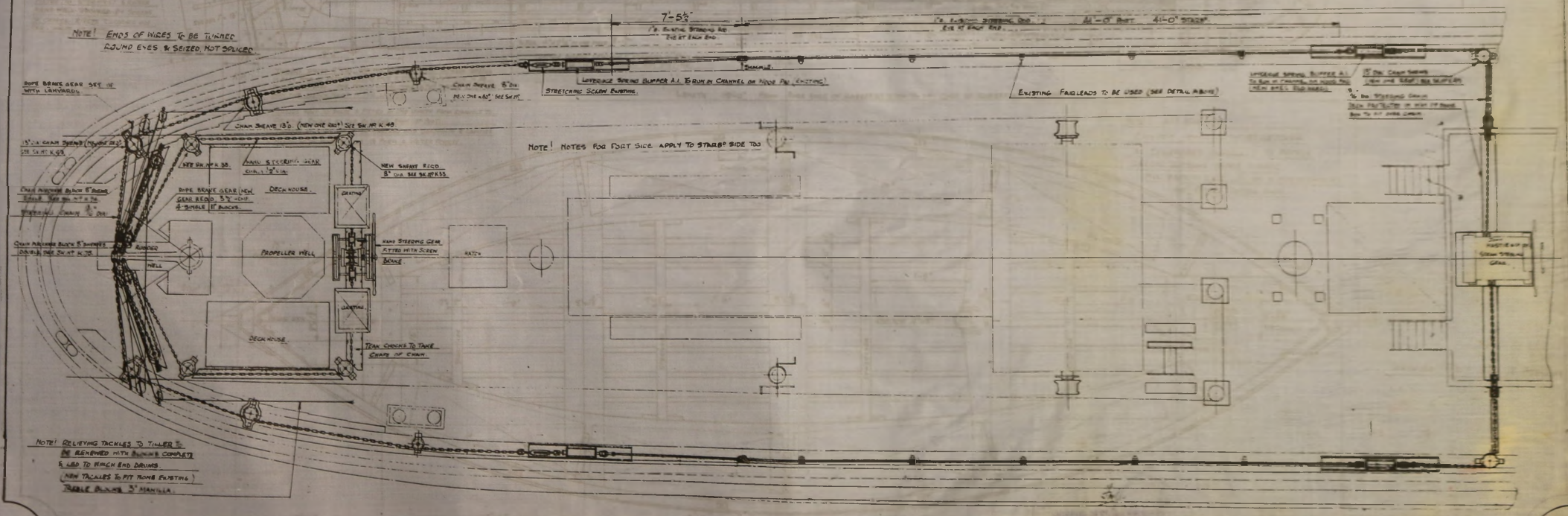
SCALE - HALF SIZE. No OFF. 10.



SECTION 7. (LOOKING FORD)



SECTION 13.



25AUG25

ARRANGEMENT OF HAND & STEAM STEERING GEARS.

SCALE - ½" = ONE FOOT.

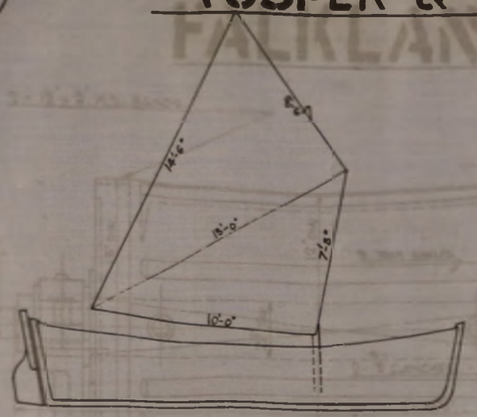
Dg No 5043

ISSUE - A B C D E

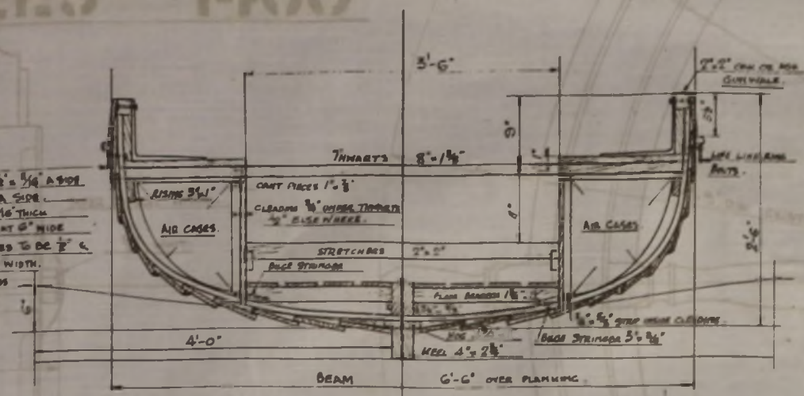
VOSPER & CO. LTD. PORTSMOUTH.

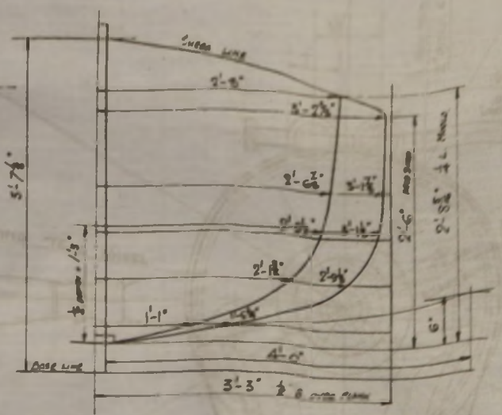
Job Numbers	
No 1510	S.S. "EXCHANGER"
No 1511	CANVAS BOATS FOR COLONIES

SAIL PLAN LUG SAIL 91 SQ. FT.



PLANKING :-
ONE SHEER STRAKE 5½" x 5/16" A SIDE.
10 OTHER STRAKES A SIDE.
4 BOTTOM STRAKES 9/16" THICK
2 AT 7" 1 AT 6½" & 1 AT 6" WIDE
REMAINING 6 STRAKES TO BE 5" & NOT TO EXCEED 5½" IN WIDTH.
PLANK LANDINGS NOT LESS THAN 3/4".



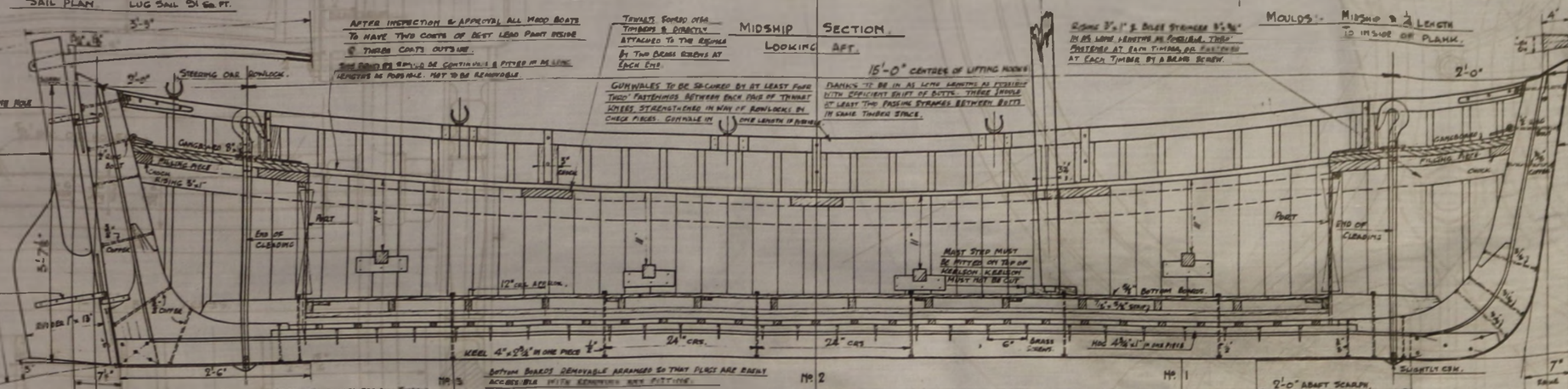


NOTE! Nos

Job Nos 1510-11	ALTERATIONS TO STANDARD SPECIFICATION	
ITEM	MATERIAL	SIZE
SHEER STRAKE	TEAK	AS BEAM
RUBBER	AM. ELM	Do Do
THWARTS	MOULMEIN TEAK	Do Do
SEAT BOARDS	MOULMEIN TEAK	Do Do
BOTTOM BOARDS	AM. ELM	Do Do
AIR CASES	COPPER	
CAPPING	AM. ELM	½" x ⅞"

SMALL FITTINGS OF BRASS.
ALL FASTENINGS TO BE OF COPPER THROUGHOUT

MIDSHIP SECTION LOOKING AFT.



After inspection & approval all wood boats to have two coats of best lead paint inside & three coats outside.
Side bench to be continuous & fitted in as long lengths as possible. Not to be removable.

Thwarts forward of midship timbers & directly attached to the keelson by two brass screws at each end.

Gunwales to be secured by at least four "Tingo" fastenings between each pair of thwarts where strengthened in way of rowlocks by check pieces. Gunwale in one length if possible.

Planks to be in as long lengths as possible with efficient knuff of butts. There should be at least two passing strakes between butts in same timber space.

Rising 3"x1" & bilge stringer 3½"x⅝" in as long lengths as possible. Two fastenings at each timber pd. fastened at each timber by a brass screw.

MOULDS :- Midship & ¼ length to inside of plank.

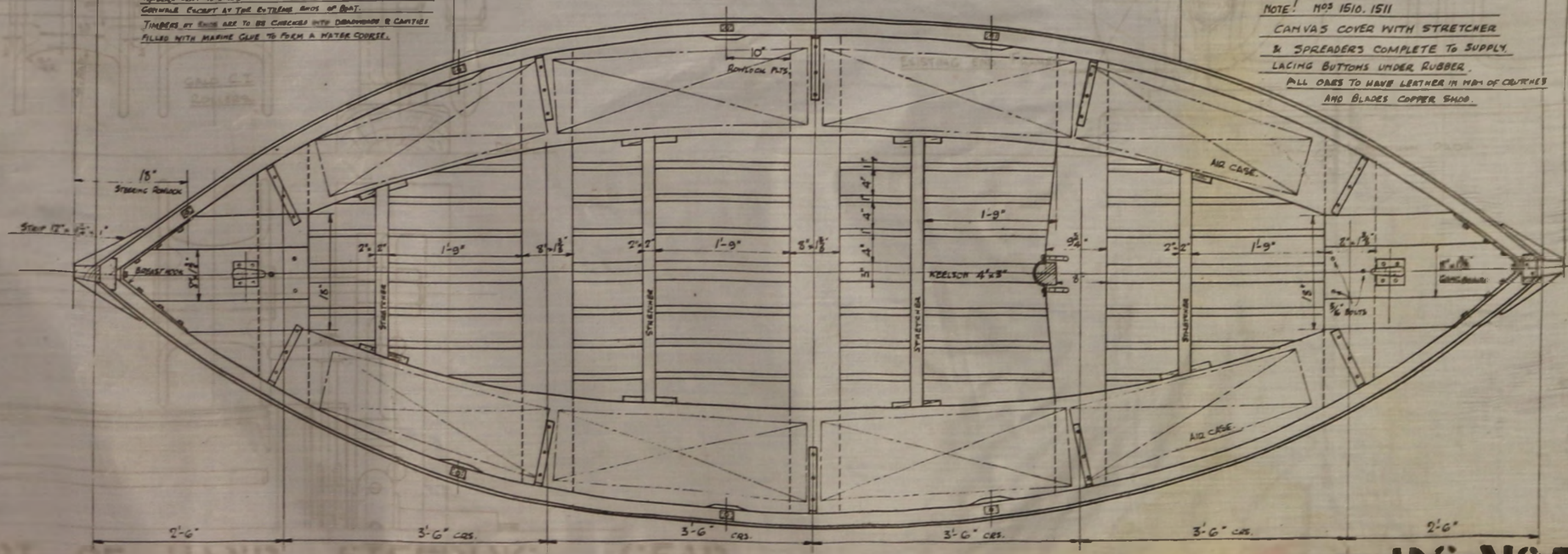
Two sets of braces & pintles fitted to stern post & rudder & same well secured by screws or copper rivets clenched on oblic. holes in arms.

Timbers spaced 6" crs. and fastening required between timbers in each side of floor. Second side & cleading of planking to be similarly fastened. One row of copper nails in the keelson & not less than one clench nails on the lattag.

Timbers right to shape & fitted in one length from gunwale to gunwale except at the extreme ends of boat.
Timbers at ends are to be chocked into deadwood & cavities filled with marine glue to form a water course.

Must step must be fitted on top of keelson. Keelson must not be cut.

Bottom boards removable arranged so that plugs are easily accessible with kerosene key fitting.



Length 19'-0" from fore edge of rabbet at stem to aft edge of rabbet at sternpost.

NOTE! Nos 1510. 1511
CANVAS COVER WITH STRETCHER & SPREADERS COMPLETE TO SUPPLY.
LACING BUTTONS UNDER RUBBER.
ALL OARS TO HAVE LEATHER IN WAY OF CRUTCHES AND BLADES COPPER SHOD.

CERTIFIED B.O.T. FOC 18 PERSONS.

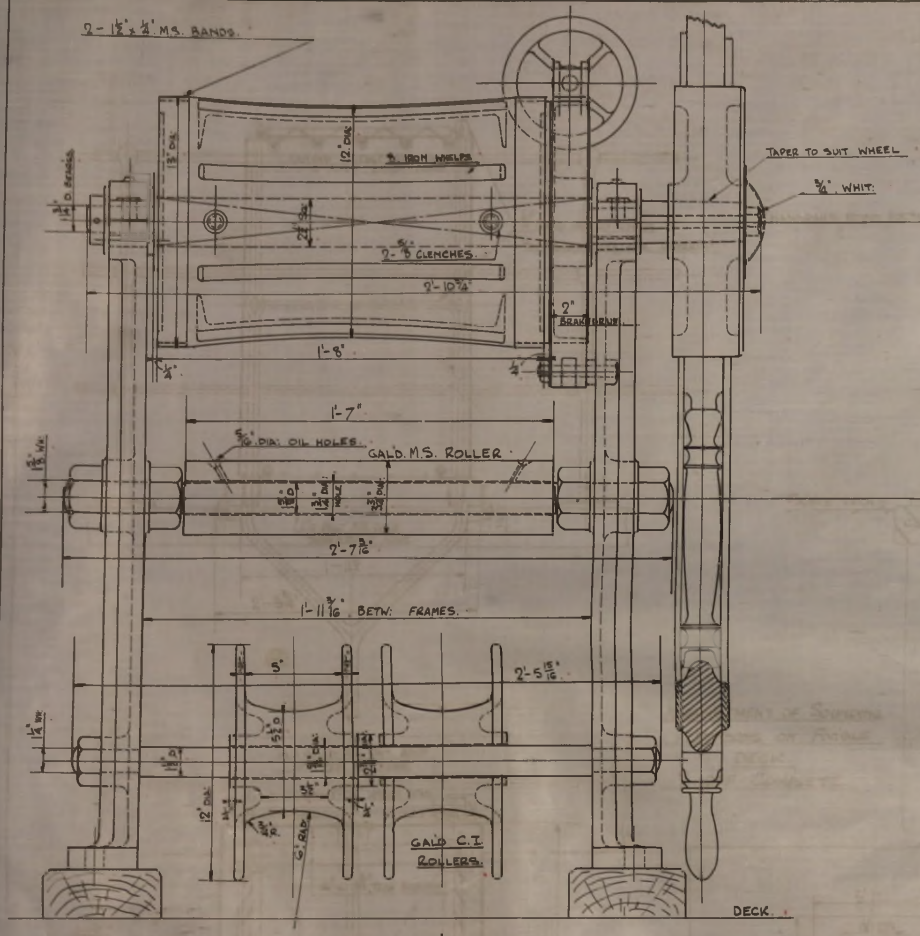
BOARD.

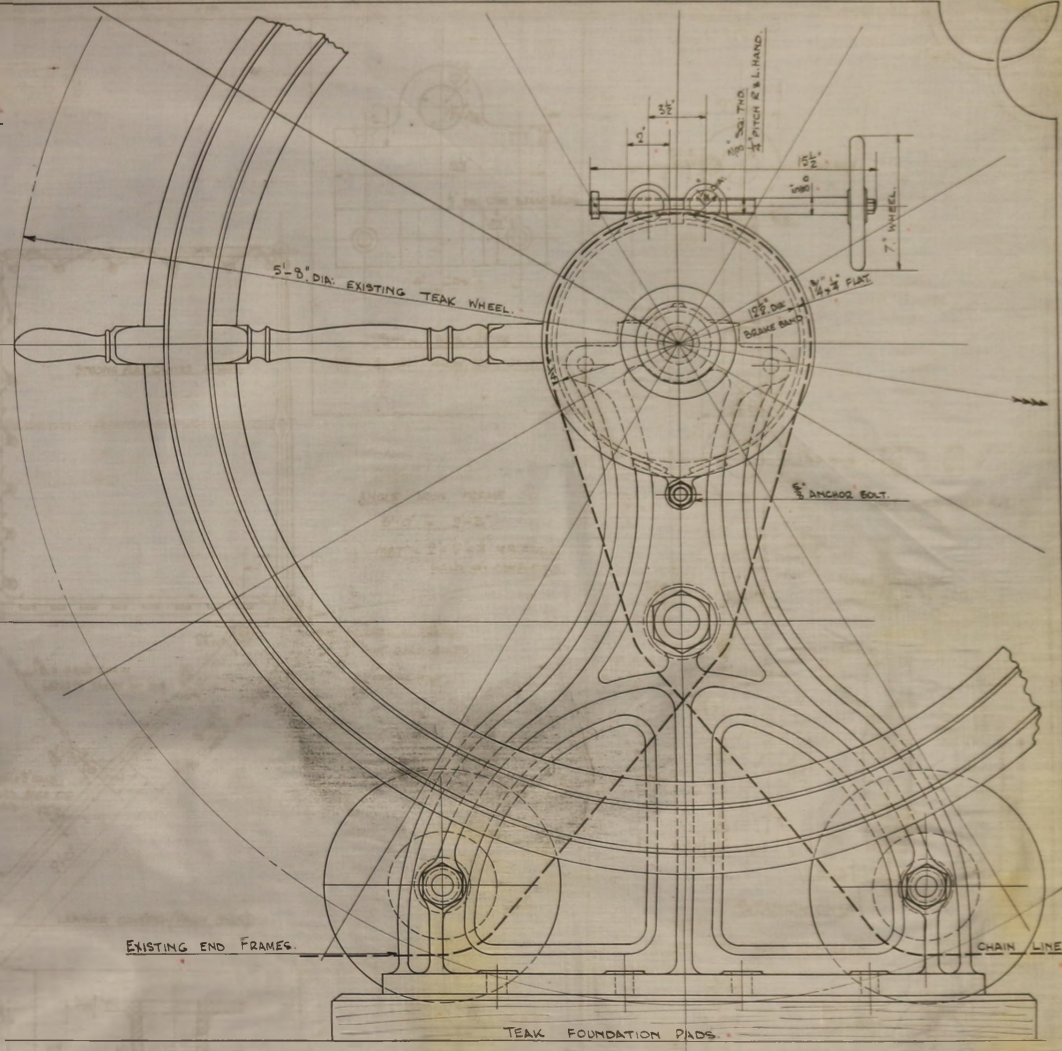
STANDARD LIFEBOAT 19'—0" x 6'—6" x 2'—6" DEPTH AMIDSHIPS

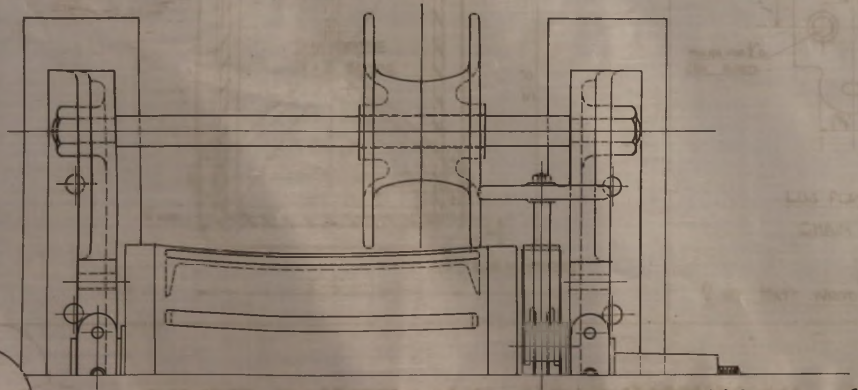
SCALE :- 1" = ONE FOOT.

DG No 5055

FALKLAND ISLES 1460







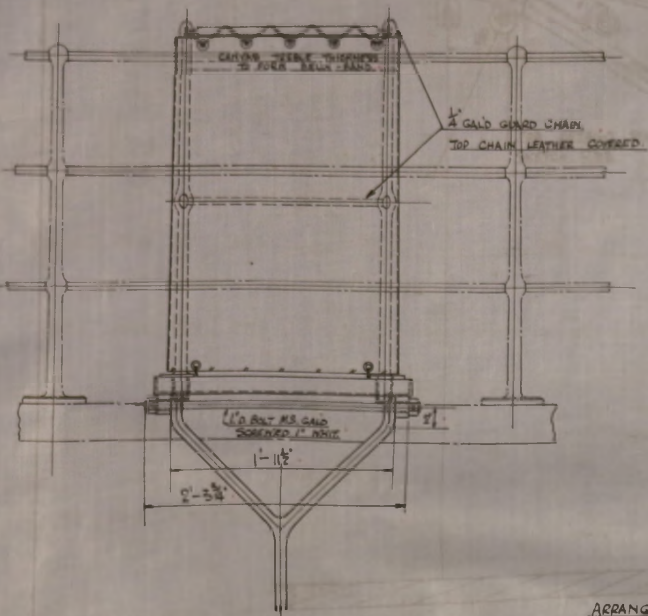
2.5.25

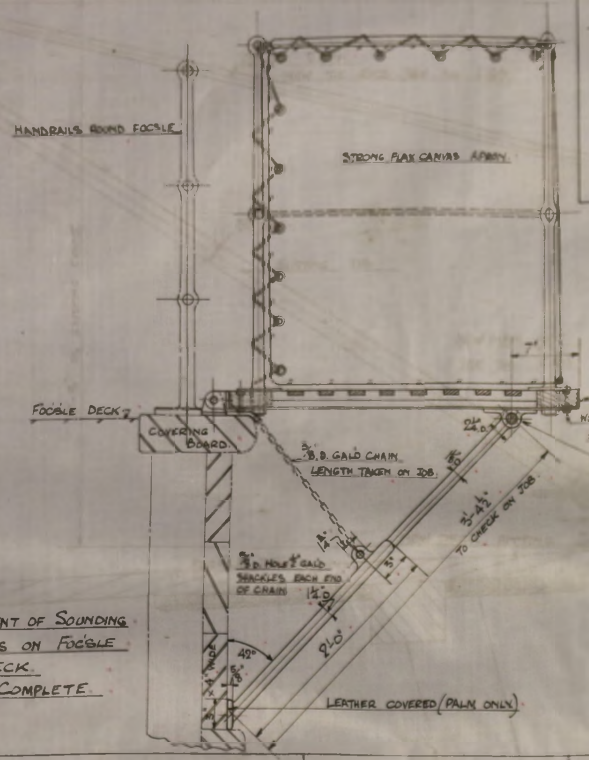
ARRT OF HAND STEERING GEAR

SCALE:- 3' - 1. FOOT.

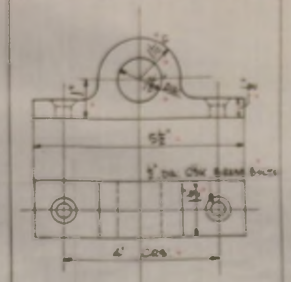
D^G N^O 5062

FALKLAND ISLES 1460



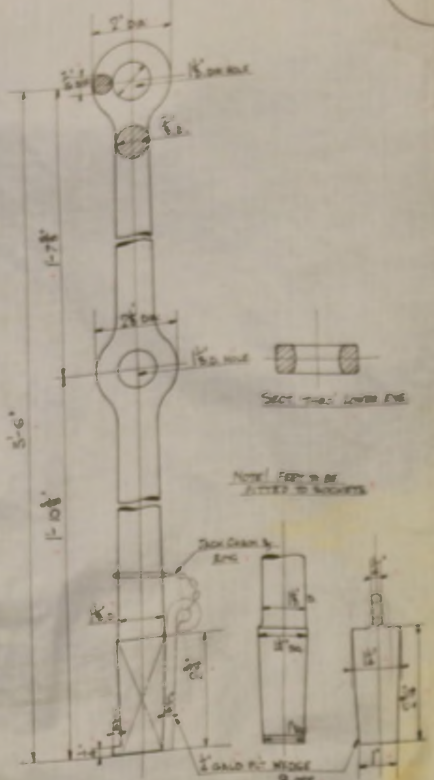


ARRANGEMENT OF SOUNDING PLATFORMS ON FOCSLE DECK.
2. OFF COMPLETE

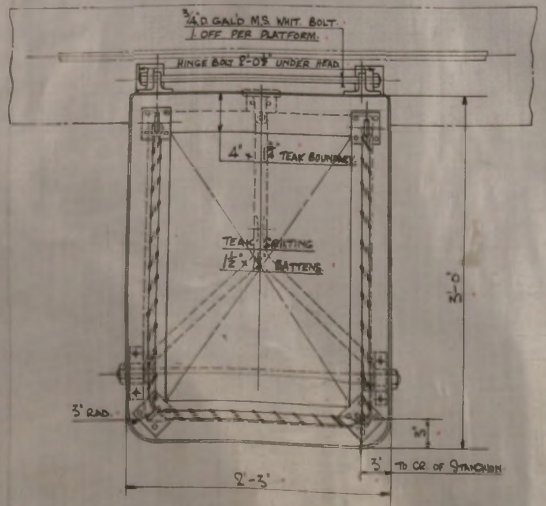


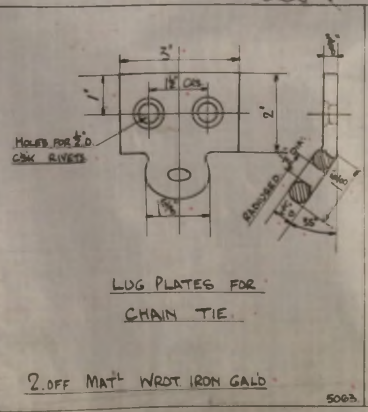
STAN BRACKETS
6 OFF WRGT IRON GALV'D

ANGLE IRON FRAME
5'-0" × 2'-3"
MAT'L - 2½ × 2½ × ¼ M.S. ANGLE
GALV'D ON COMPLETION



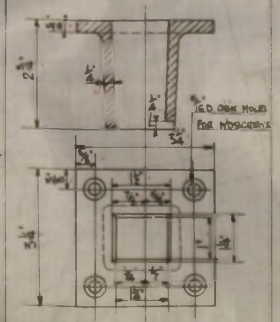
STANCHIONS
9 OFF MAT'L WRGT IRON GALV'D



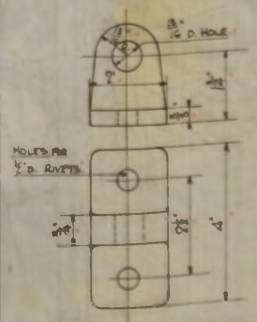


LUG PLATES FOR CHAIN TIE

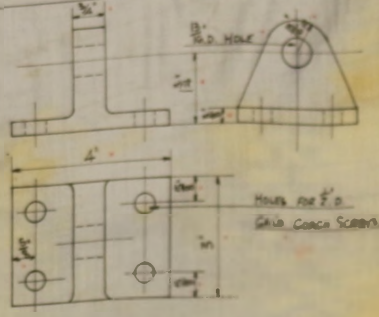
2 OFF MAT'L WRGT IRON GALV'D



SOCKETS FOR STANCHIONS
8 OFF MAT'L C.M.



BRACKETS ON ANGLE FRAME
4 OFF MAT'L WRGT IRON GALV'D



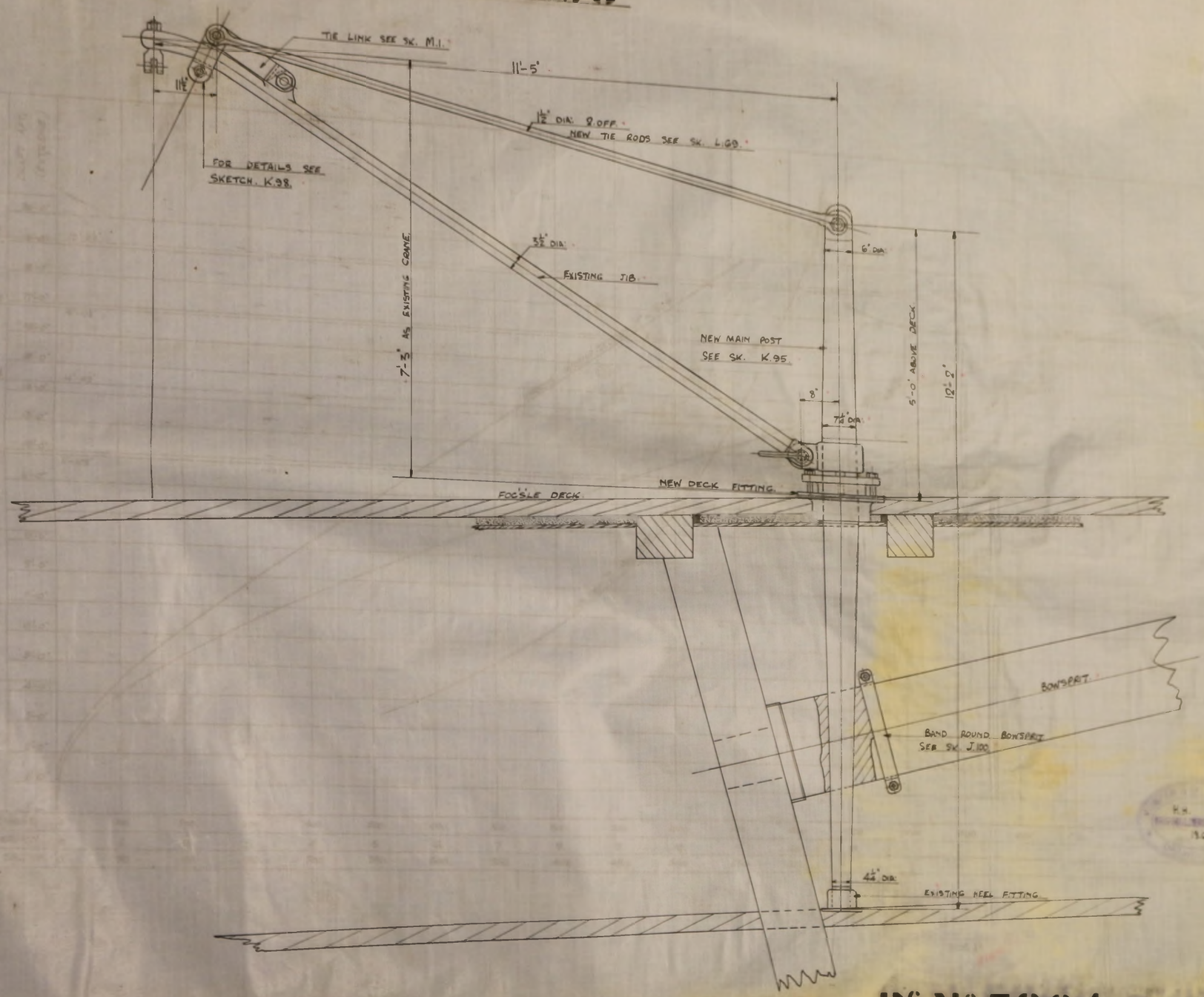
BRACKETS ON COVERING BOARD
4 OFF MAT'L WRGT IRON GALV'D

ARRT & DETAILS OF SOUNDING PLATFORMS

SCALES:- ½ - 1 FT & ½ SIZE

DG No 5063

FALKLAND ISLES 1460



PROPOSED ARRGT OF ANCHOR CRANE

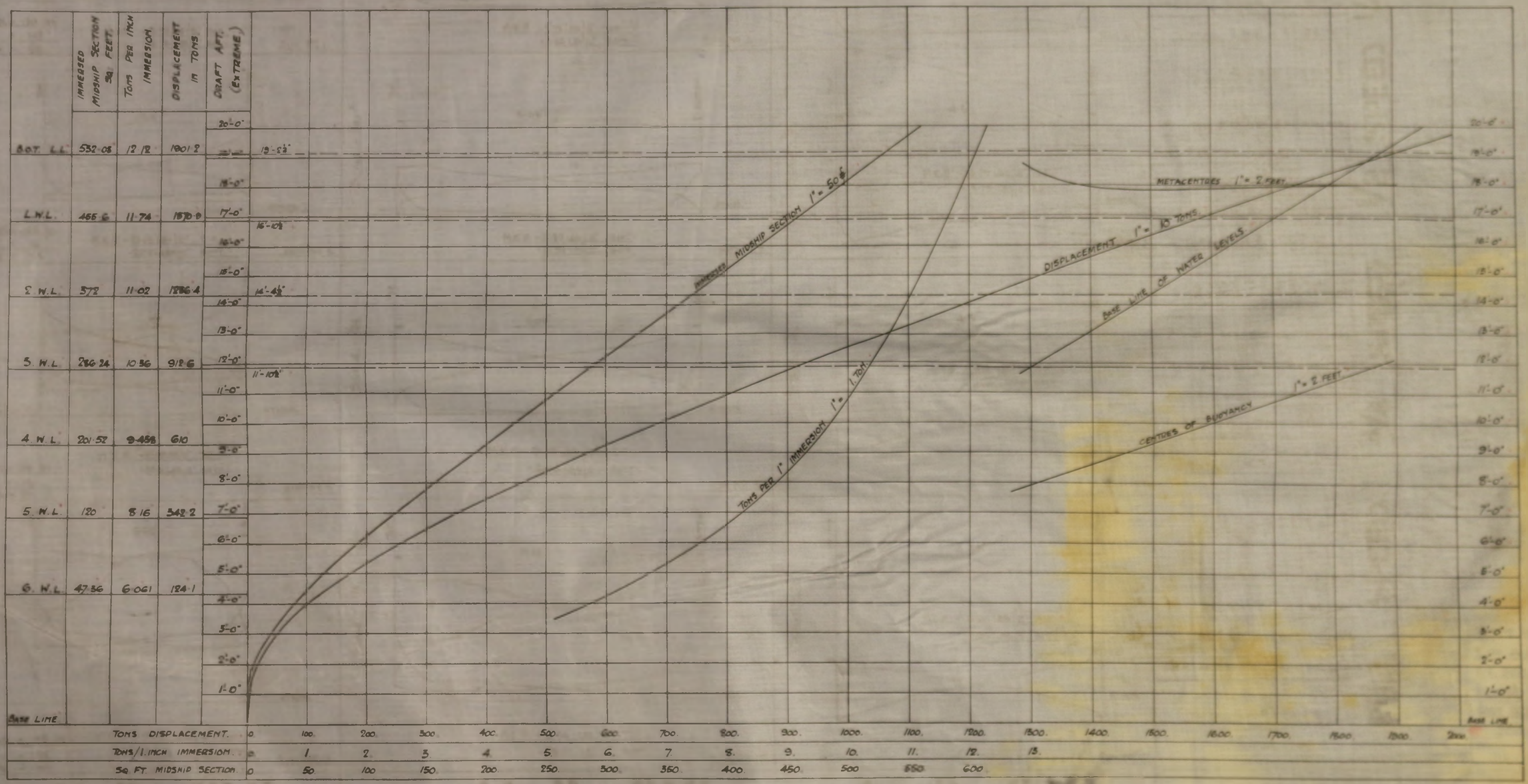
SCALE:- 1" = 1 FOOT

Dg No 5064

BREAST HOOKS | ENGLISH OAK | SIDED [illegible]

FALKLAND ISLES 1460.

	IMMERSED MIDSHIP SECTION SQ FEET	TONS PER INCH IMMERSION	DISPLACEMENT IN TONS	DRAFT AFT. (EXTREME)
				20'-0"
BOT. L.L.	532·08	12·12	1901·2	
				19'-0"
				18'-0"
L.W.L.	465·6	11·74	1530·9	17'-0"
				16'-0"
				15'-0"
2 W.L.	372	11·02	1286·4	14'-0"
				13'-0"
3. W.L.	286·24	10·36	918·6	12'-0"
				11'-0"
4. W.L.	201·52	9·458	610	10'-0"
				9'-0"
5. W.L.	120	8·16	342·2	8'-0"
				7'-0"
				6'-0"
6. W.L.	47·36	6·061	124·1	5'-0"
				4'-0"
				3'-0"
				2'-0"
				1'-0"
BASE LINE				BASE LINE



TONS DISPLACEMENT.	0	100.	200.	300.	400.	500.	600.	700.	800.	900.	1000.	1100.	1200.	1300.	1400.	1500.	1600.	1700.	1800.	1900.	2000.
TONS/1 INCH IMMERSION.	0	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.							
SQ. FT. MIDSHIP SECTION.	0	50.	100	150.	200.	250.	300.	350.	400.	450.	500	550	600								

22 MR 23

DISPLACEMENT CURVE & METACENTRIC DIAGRAM.

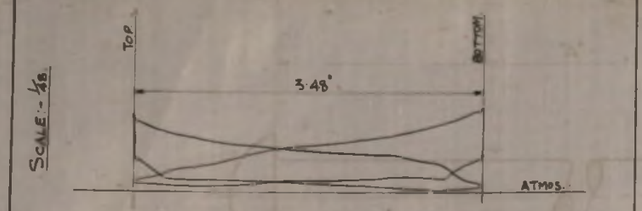
Dg No 5067

BREAST HOOKS. | ENGLISH OAK. | [illegible]

FALKLAND ISLES 1460

FALKLAND ISLES 1460

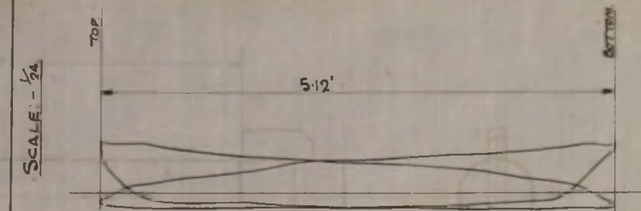
H. P. CYL.



STEAM = 150 lbs.
VAC. = 14½"
REVS = 39.

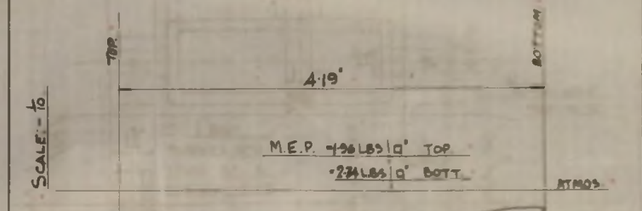
M.E.P. = 15·72 LBS/□" TOP
= 16·14 LBS/□" BOTT.

RUN No 1.



M.E.P. = 9·75 LBS/□" TOP
= 9·66 LBS/□" BOTT.

RUN No 1.

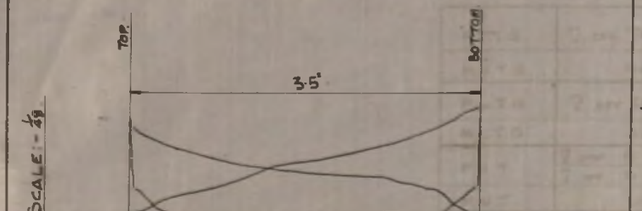


RUN No 1.

	H.P. TOP	H.P. BOTT	M.P. TOP	M.P. BOTT	L.P. TOP	L.P. BOTT
P.	15·72	16·14	9·75	9·66	1·96	2·34
N.	39	39	39	39	39	39
K.	01252	01172	02993	02915	0793	0785
I.H.P.	7·68	7·38	8·39	10·97	6·06	7·16

TOTAL I.H.P. = 50·64

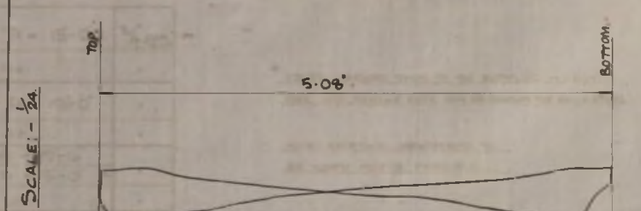
SPEED 1/1



STEAM = 148 lbs.
VAC. = 16"
REVS = 53.

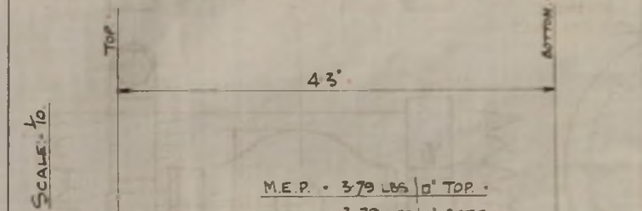
M.E.P. = 23·03 LBS/□" TOP
= 25·92 LBS/□" BOTT.

RUN No 3.



M.E.P. = 12·85 LBS/□" TOP.
= 12·94 LBS/□" BOTT.

RUN No 3.



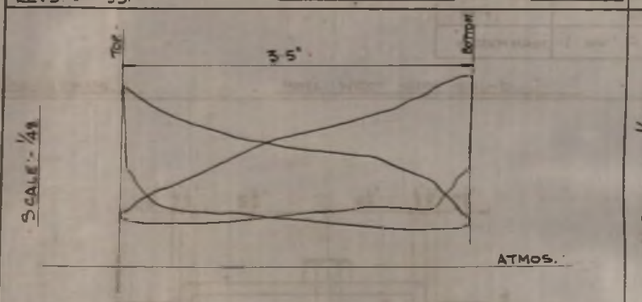
RUN No 3.

	H.P. TOP	H.P. BOTT	M.P. TOP	M.P. BOTT	L.P. TOP	L.P. BOTT
P.	23·03	25·92	12·85	12·94	3·79	3·79
N.	53	53	53	53	53	53
K.	01252	01172	02991	02915	0793	0785
I.H.P.	15·29	16·10	23·38	20·00	15·93	15·77

TOTAL I.H.P = 103·47

SPEED 1/2

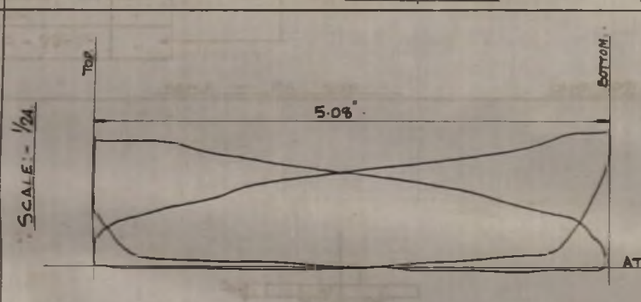
M. P. CYL.



STEAM = 155 lbs.
VAC. = 18"
REVS = 70.

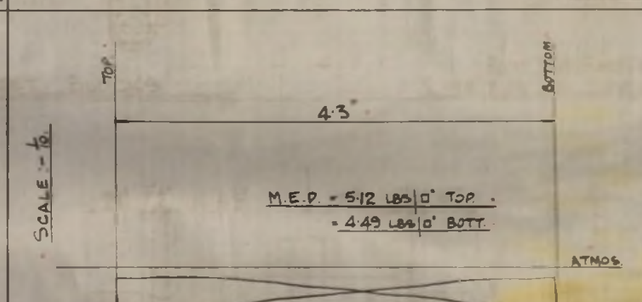
M.E.P. = 33·21 LBS/□" TOP.
= 35·51 LBS/□" BOTT.

RUN No 5.



M.E.P. = 20·79 LBS/□" TOP.
= 20·46 LBS/□" BOTT.

RUN No 5.

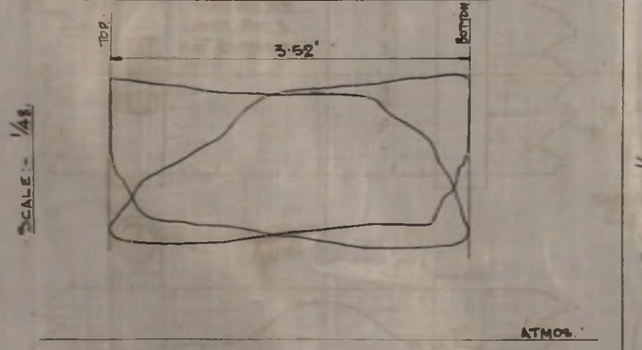


RUN No 5.

	H.P. TOP	H.P. BOTT	M.P. TOP	M.P. BOTT	L.P. TOP	L.P. BOTT
P.	33·32	35·51	20·79	21·46	5·12	4·49
N.	70	70	70	70	70	70
K.	01252	01172	02993	02915	0793	0785
I.H.P.	29·2	29·14	43·58	41·74	28·4	24·67

TOTAL I.H.P. = 196·7

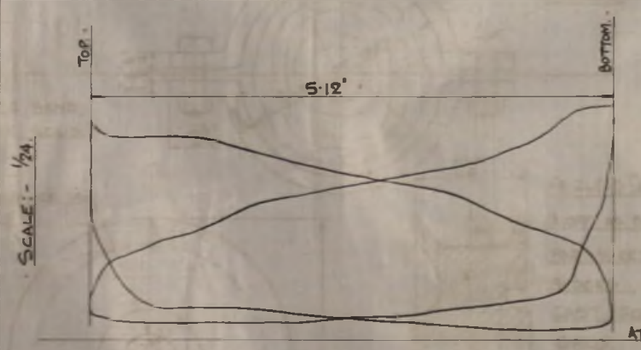
SPEED 3/4



STEAM = 155 lbs.
VAC. = 22"
REVS = 89.

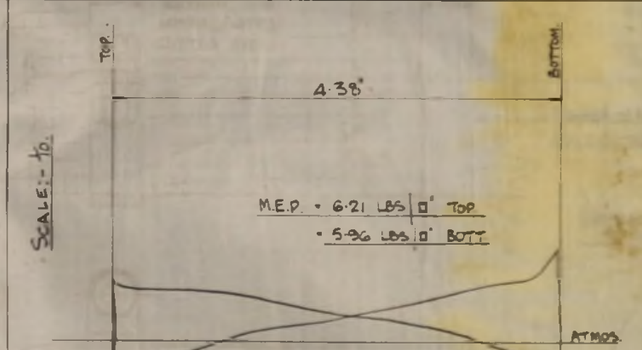
M.E.P. = 59·87 LBS/□" TOP.
= 54·28 LBS/□" BOTT.

RUN No 17.



M.E.P. = 31·74 LBS/□" TOP.
= 28·21 LBS/□" BOTT.

RUN No 17.



RUN No 17.

	H.P. TOP	H.P. BOTT	M.P. TOP	M.P. BOTT	L.P. TOP	L.P. BOTT
P.	59·87	54·28	31·74	28·21	6·21	5·96
N.	89	89	89	89	89	89
K.	01252	01172	02993	02915	0793	0785
I.H.P.	66·71	56·82	84·53	73·19	43·83	41·63

TOTAL I.H.P. = 366·51

SPEED FULL

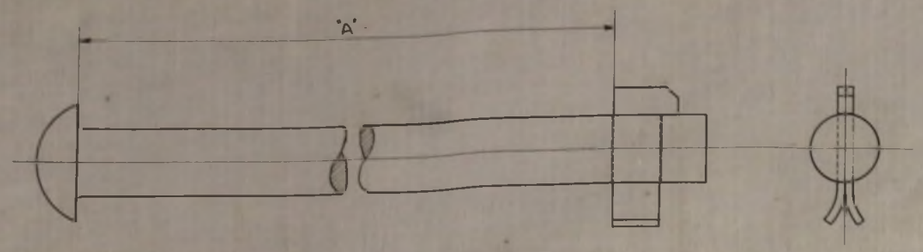
L. P. CYL.

INDICATOR CARDS

8.10.25

D°N° 5070

FALKLAND ISLES 1460



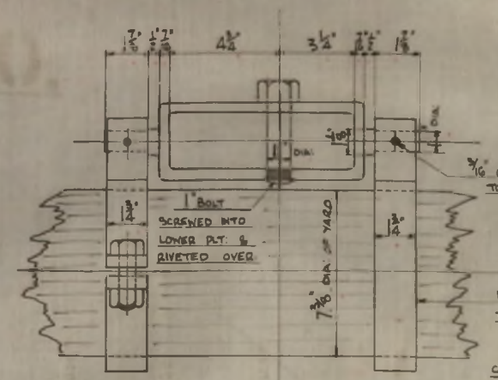
F.U.T.G.	2 OFF A = 15'-6"	¾" DIA.
M.U.T.G.	Do	"
F.L.T.G.	2 OFF A = 19'-0"	"
M.L.T.G.	Do.	"
F.U.T	2 OFF A = 22'-6"	"
	2 OFF A = 15'-0" *	
M.U.T.	Do.	"
F.L.T.	2 OFF A = 25'-0"	"
	2 OFF A = 15'-0" *	
M.L.T.	Do	"
F.Y.	2 OFF A = 26'-9"	7/8" DIA.
	2 OFF A = 25'-0" *	
M.Y.	Do.	"
MIZZEN MAST	1 OFF A = 22'-7"	"

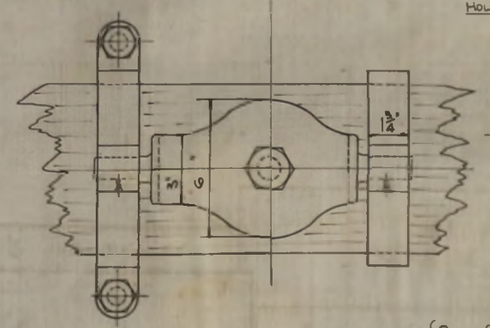
* ITEMS MARKED THUS TO BE SUPPLIED IN GALVD TUBE WITH SIMILAR OUTSIDE DIA AS SHOWN FOR SOLID STAYS

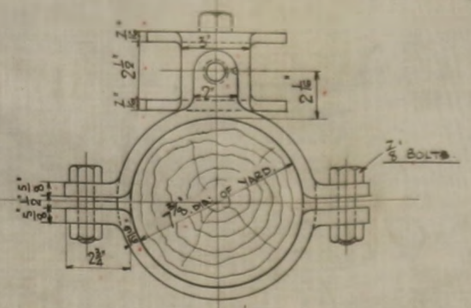
NOTE! EXISTING JACKSTAYS TO BE USED WHERE POSSIBLE.

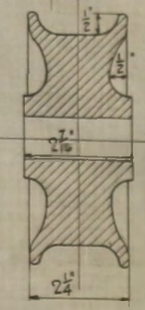
NOTE! NO SPARE JACKSTAY REQUIRED FOR MIZZEN MAST.

JACKSTAYS — MATL. WROT IRON GALVD — SCALE — FULL SIZE. — Dg Nº 5071.



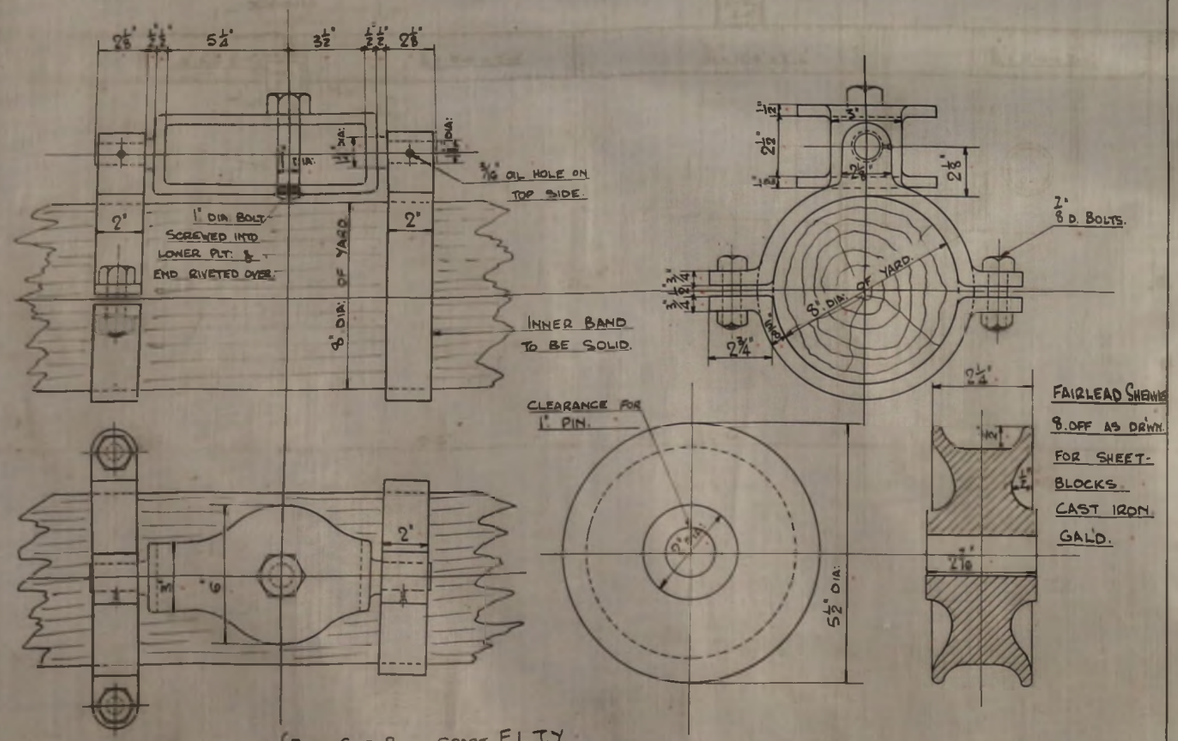






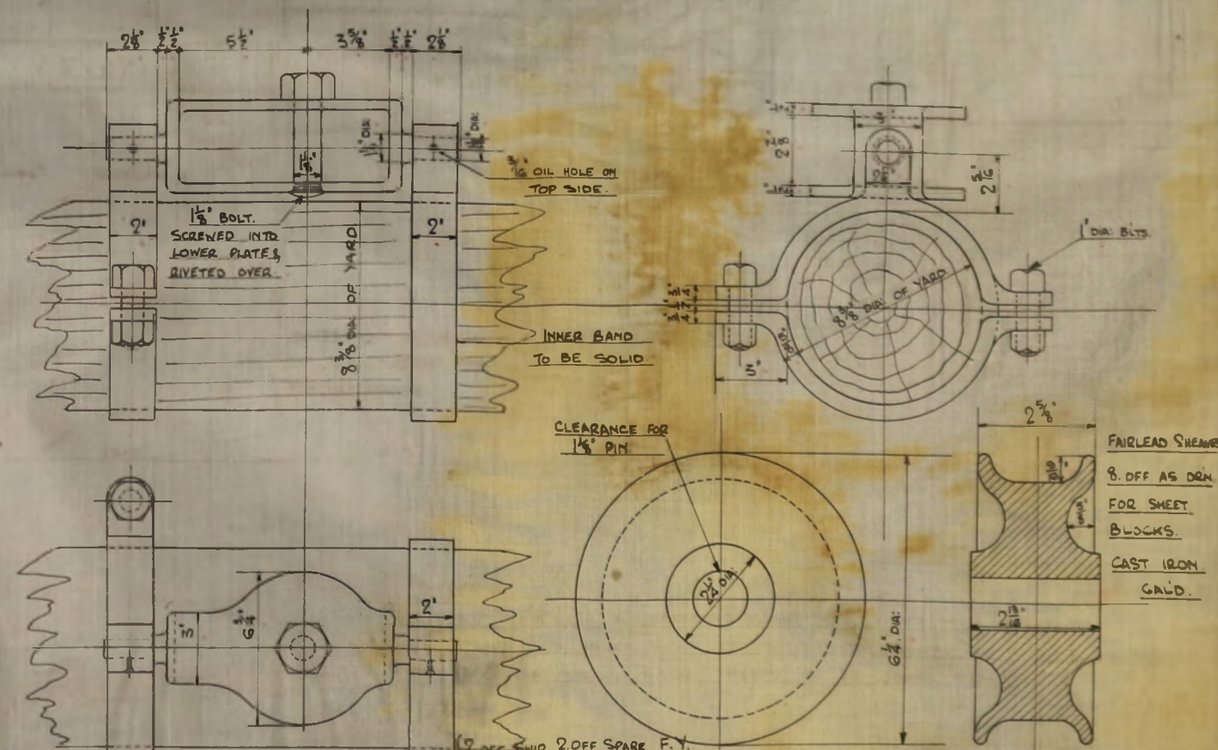
FAIRLEAD SHEAVES
8 OFF AS DRAWN
FOR SHEET BLOCKS
CAST IRON GALD

SHEET BLOCKS. — 8 OFF { 2 OFF SHIP 2 OFF SPARE F.U.T.Y. / 2 OFF Do 2 OFF Do M.U.T.Y. } — WROT. IRON. GALD. — Dg Nº 5071.



FAIRLEAD SHEAVES
8 OFF AS DRWN.
FOR SHEET-BLOCKS.
CAST IRON GALD.

SHEET BLOCKS. — 8 OFF { 2 OFF SHIP 2 OFF SPARE F.L.T.Y. / 2 OFF Do 2 OFF Do M.L.T.Y. } — WROT. IRON GALD. — Dg Nº 5071.



FAIRLEAD SHEAVES
8 OFF AS DRN.
FOR SHEET BLOCKS.
CAST IRON GALD.

SHEET BLOCKS. — 8 OFF. — { 2 OFF SHIP. 2 OFF SPARE F.Y. / 2 OFF Do 2 OFF Do M.Y. } — WROT. IRON GALD. — Dg Nº 5071.

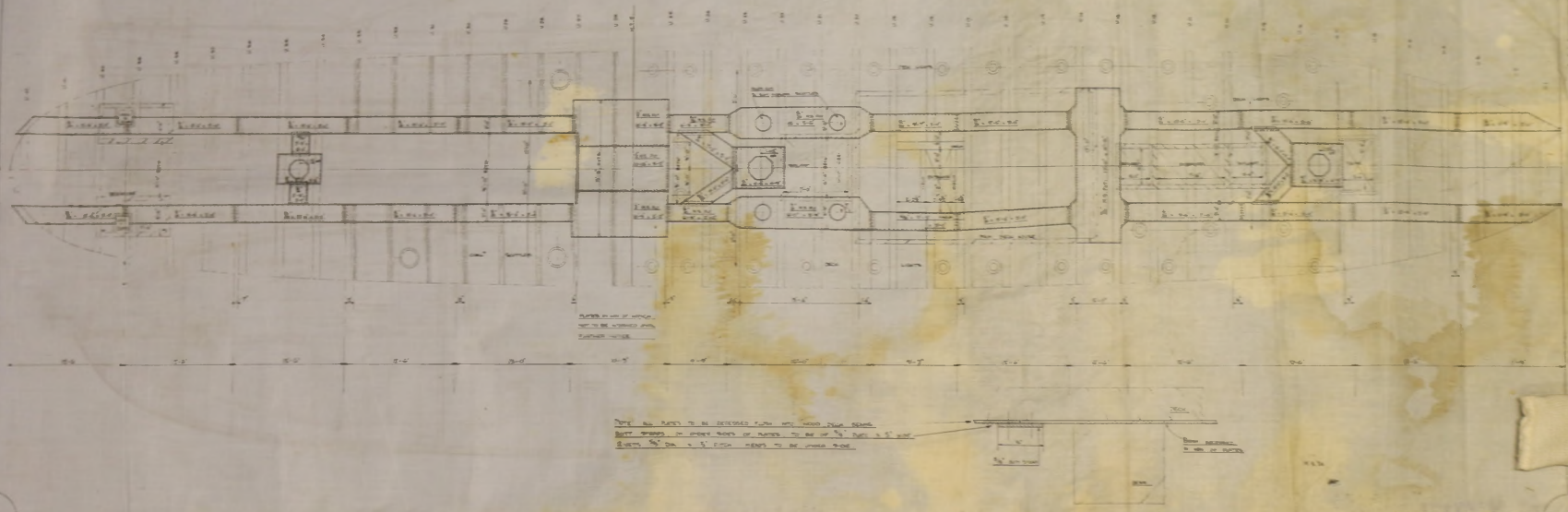
H.H. 4.12.'24.

NEW SHEET BLOCKS & JACKSTAYS

SCALE:- 3" = 1. FOOT.

Dg Nº 5071

FALKLAND ISLES 1460.



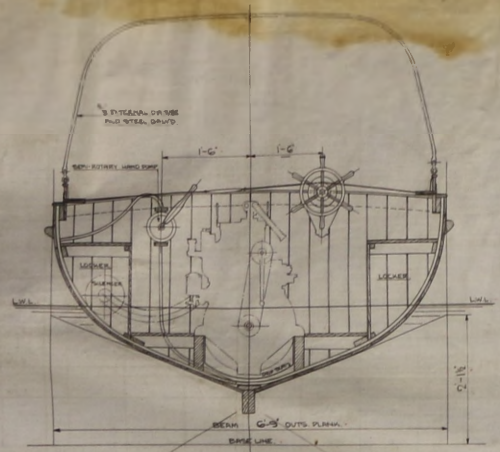
ARRT. OF UPPER DECK PLATES ETC.

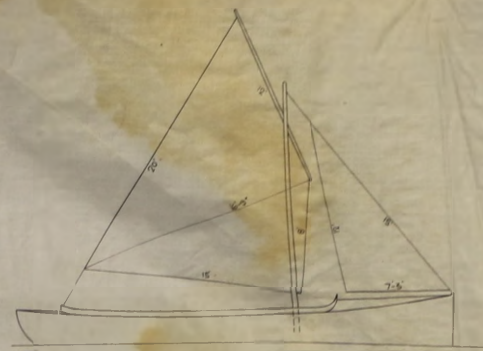
D^c N^o 4810

FALKLAND ISLES 1460

TABLE OF SCANTLINGS

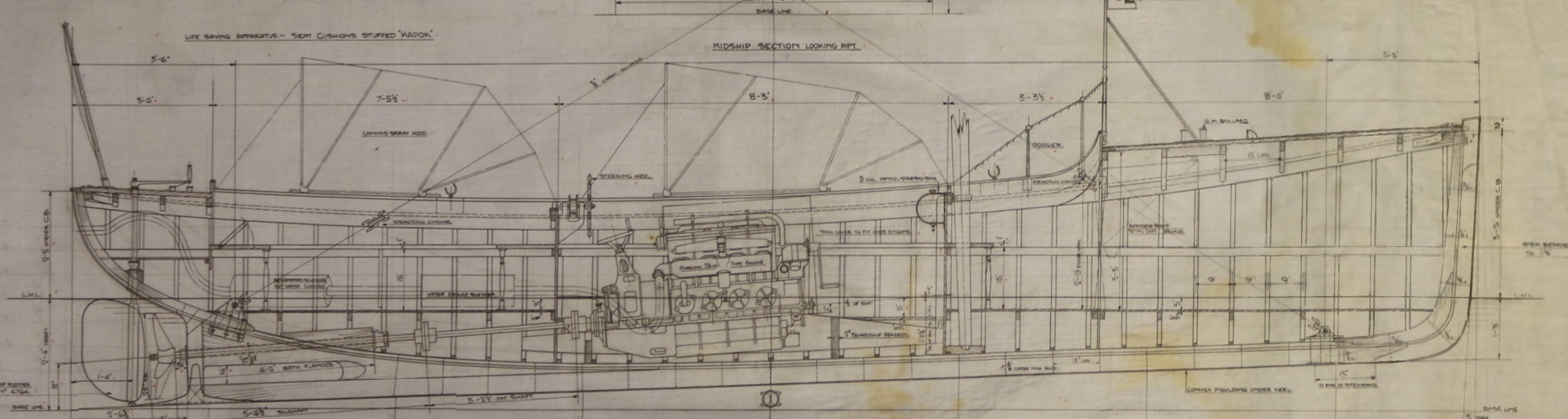
ITEM	MATERIAL	SIZES
KEEL	AMERICAN ELM	3"
KEEL	AMERICAN ELM	5" x
STEM	ENGLISH OAK	
STEM DEADWOOD	ENGLISH OAK	
AFT DEADWOOD	ENGLISH ELM	
STERN FRAME	ENGLISH OAK	
RUDDER POST	ENGLISH OAK	
FRAMING	AMERICAN ELM	
FRAMING	AMERICAN ELM	
PLANKING	TEAK	
T. HOOKS	AMERICAN ELM	
BEAMS	AMERICAN ELM	
CEILING BOARDS	TEAK	
SIDE BEARERS	TEAK	
ENGINE BEARERS	PITCH PINE	
GUNWALES	AMERICAN ELM	
BREASTS	AMERICAN ELM	
BILGE STRINGERS	AMERICAN ELM	
BULWARKS	TEAK PLANKING	
DECK BEAMS	ENGLISH OAK	
BREAST HOOKS	ENGLISH OAK	
FLOOR BOARDS	PINE	
BEAMS FOR SKYLIGHTS	ENGLISH OAK	
FLOOR BATTENS	PINE	
DECKING FORE & AFT	TEAK	
KNEE STRAPS	TEAK	

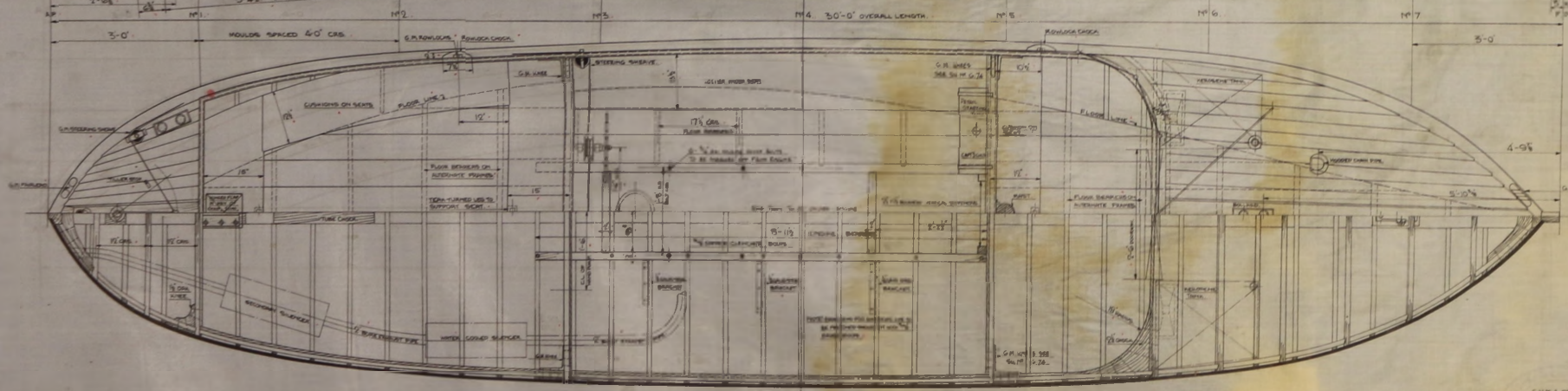




LIFE SAVING APPARATUS - SEAT CUSHIONS STUFFED "KAPOK"

MIDSHIP SECTION LOOKING AFT.





All TIMBER PLANED INSIDE & OUTSIDE BEFORE WORKING

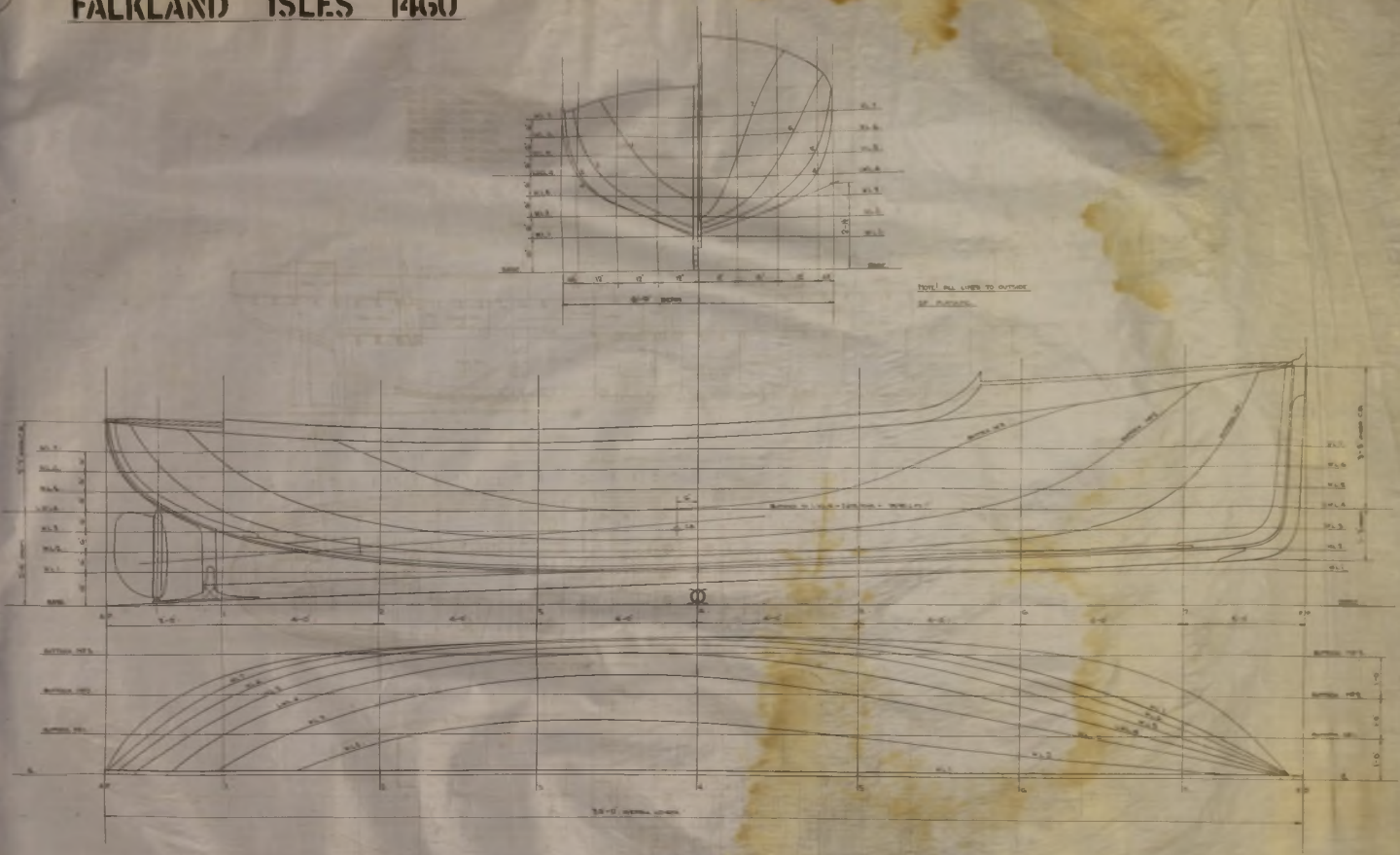
GWM LOT 1½
9.5.'24

MOTOR LAUNCH 30—0 x 6—9 x 3—1¾ DEPTH AMIDSHIPS

SCALE — 1" = ONE FOOT

Dg Nº 4743

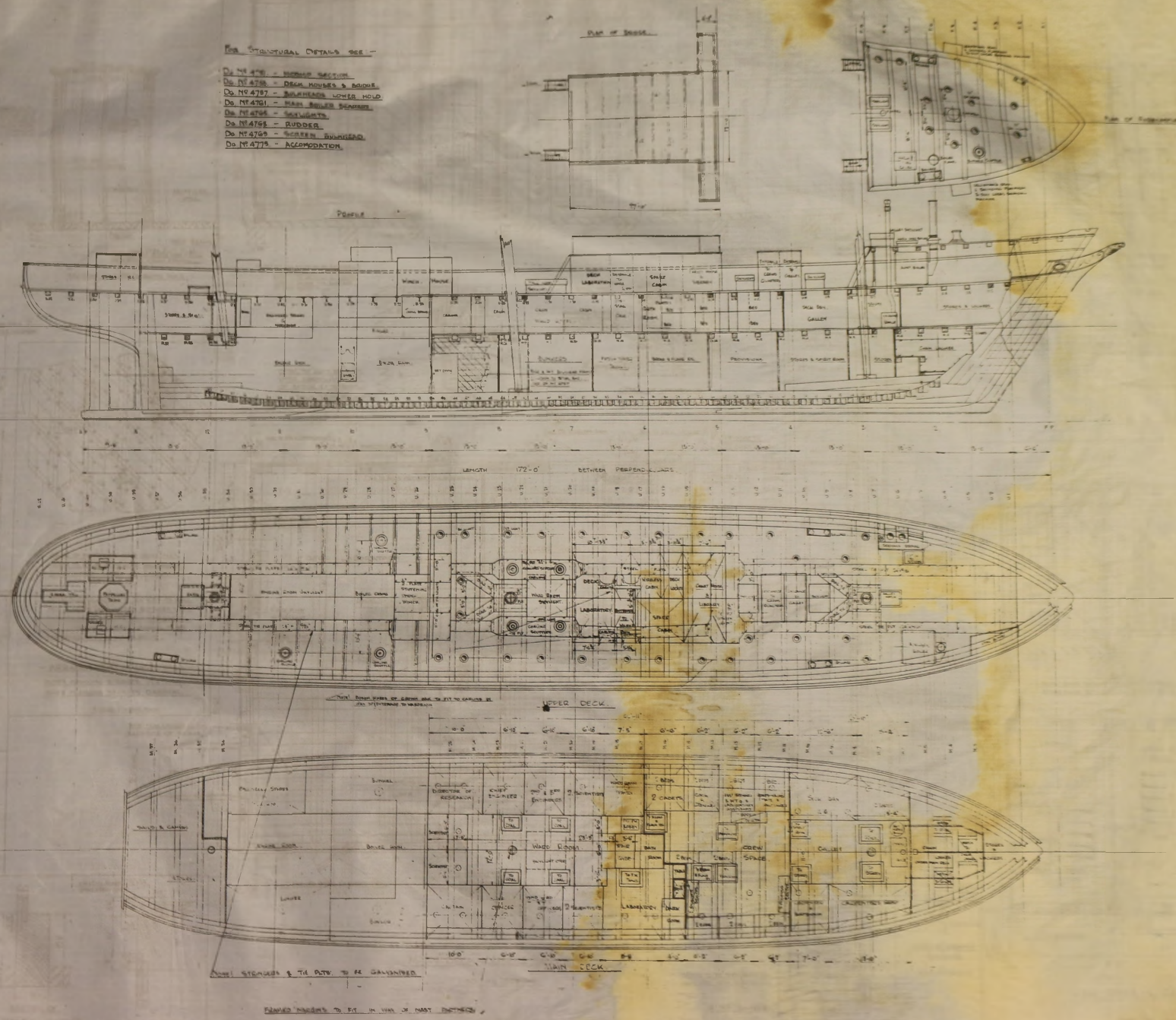
FALKLAND ISLES 1460



30-0 MOTOR LAUNCH LINES

D^G No 4745

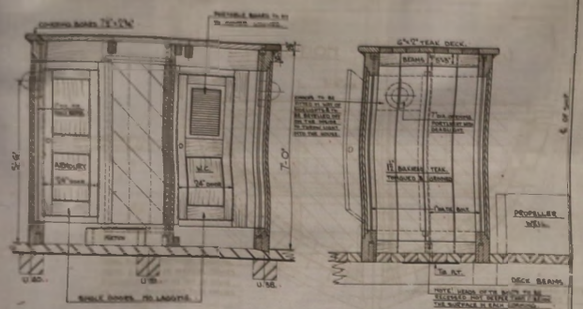
FALKLAND ISLES 1460

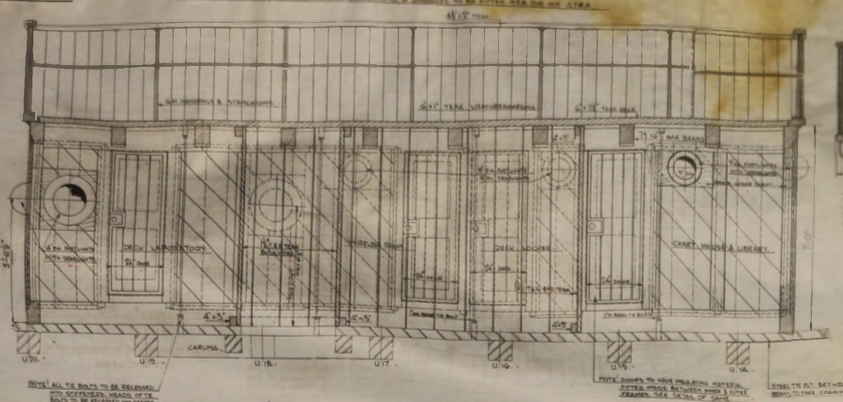


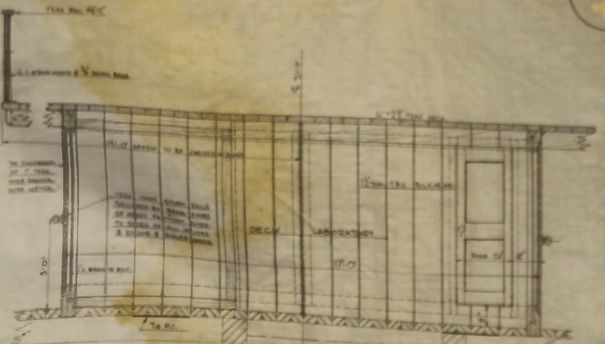
ARRANGEMENT OF DECKS

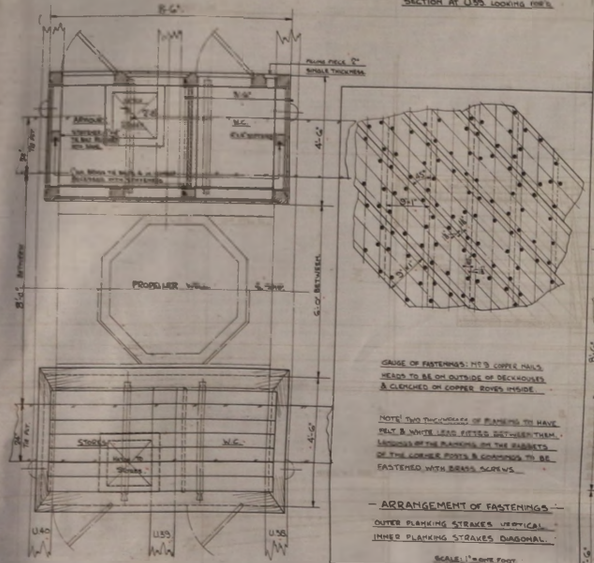
Dg No 4752

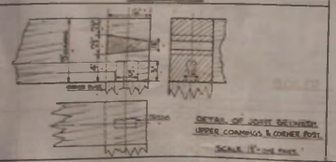
FALKLAND ISLES 1460

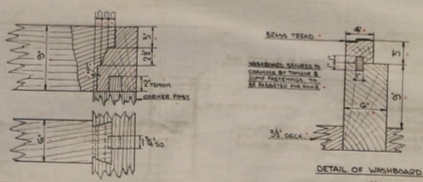


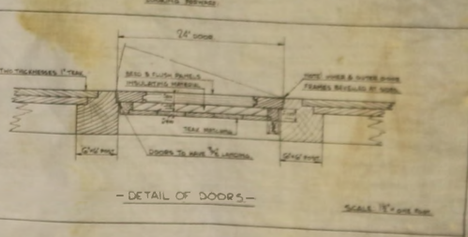


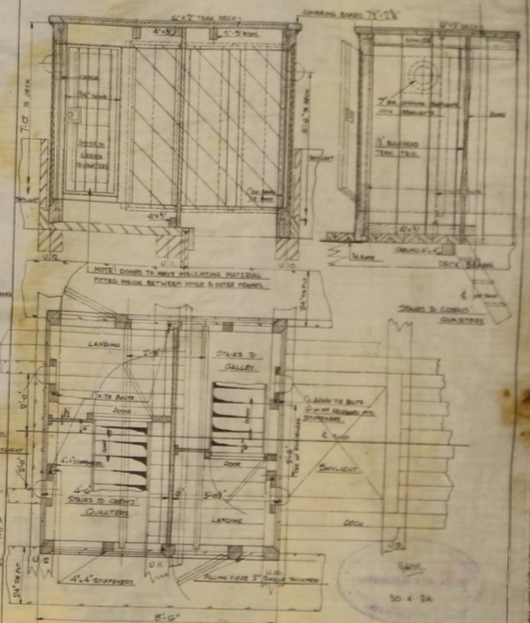


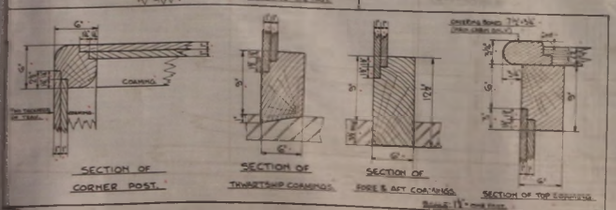










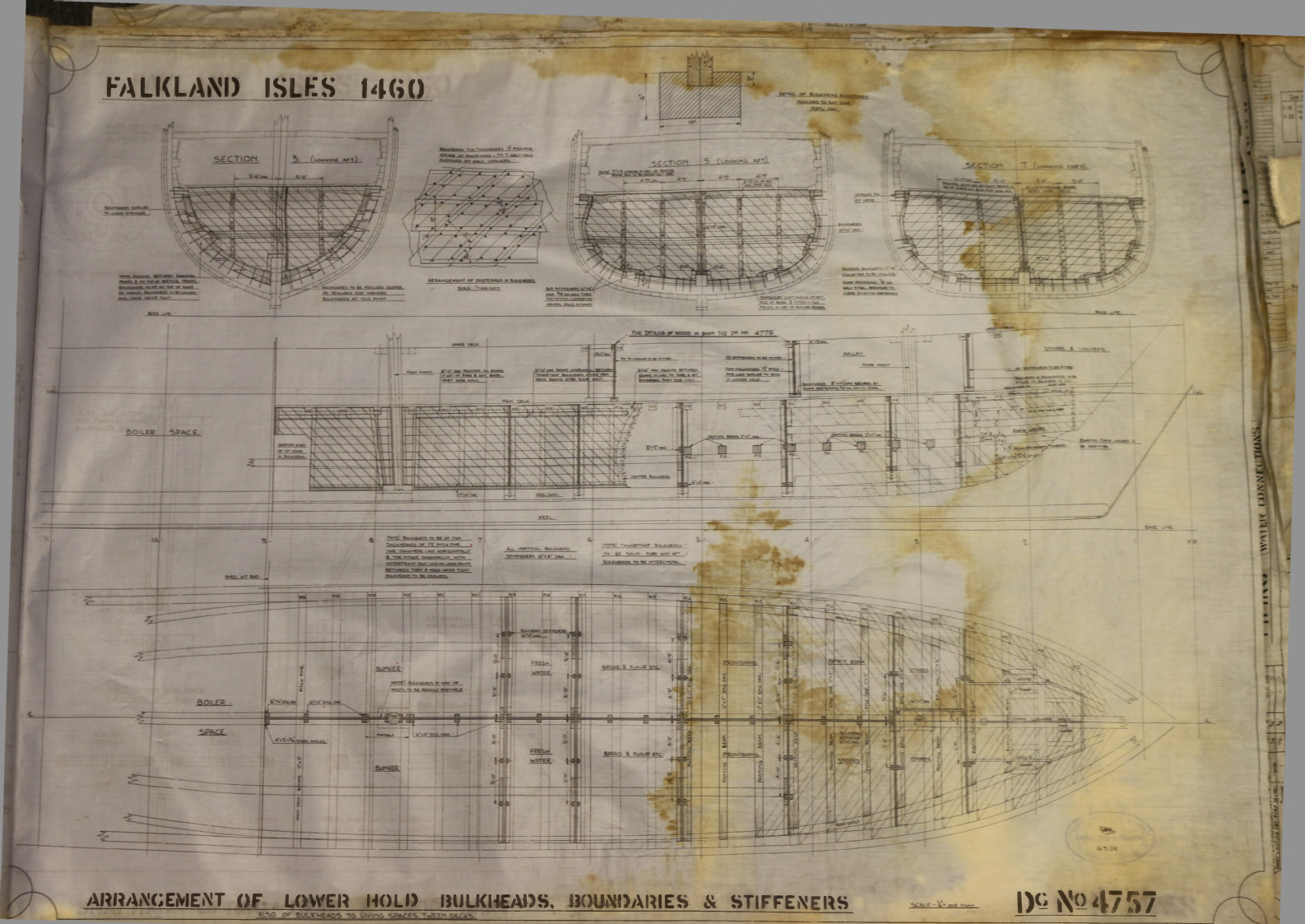


DECK HOUSES & BRIDGE

SCALE ¾" = ONE FOOT.

DG Nº 4753

FALKLAND ISLES 1460



ARRANGEMENT OF LOWER HOLD BULKHEADS, BOUNDARIES & STIFFENERS

ALSO OF BULKHEADS TO LIVING SPACES, TWEEN DECKS.

SCALE - ¼" TO THE FOOT.

DG No 4757

FAKLAND ISLES 1460

SQUARE THREAD RIGHT HANDED SCREW 5½ DIA. 4½ DIA AT BOTTOM OF THREAD ½ PITCH.

10'-3⅜" OVERALL TAILSHAFT

7-11⅝" LINER

G.M. LINER GROOVED SLIGHTLY AS SHOWN

GUNMETAL LINER CONTINUOUS

FORGED STEEL

DELTA METAL 30 TONS PER SQ IN TENSILE

9'-1⅝"

12'-11⅝" OVERALL CENTRE SPINDLE

1¼ DIA STUDS

4-⅞ DIA STUDS THREADED ⅞

24-⅝ DIA HOLES

LOCKING RING LIFT WROT IRON.

COUPLING LOOKING AFT SHOWING LOCKING RING IN POSITION.

4-⅞ DIA STUDS THREADED ⅞

HANDLE 1 OFF WROT IRON

⅜ SET SCREW

END VIEW LOOKING FORWARD

2¼ DIA BOLTS

COUPLING LOOKING AFT SCREW AND SHAFT TO BE MARKED AS SHOWN AT ENTERING POSITION OF THREAD.

FORGED STEEL & DELTA METAL TAIL SHAFT 1 OFF COMPLETE.

¾ DIA. BOLT FITTED WITH SHACKLE FORWARD & EYEPLATE AFT.

SQ THREAD 1⅜ DIA ¼ PITCH R.H. THD. 1 OFF. L.H. THD. 1 OFF

INT. SHAFT LIFTING GEAR BRKTS. 2 OFF WROT. IRON BLACK.

4758

SQ THREAD 1⅜ DIA ¼ PITCH L.H. THD.

G.M. BUSHES EASY FIT ON SHAFT

⅞ BOLTS

INT. SHAFT LIFTING GEAR BRKT LOWER 1 OFF WROT. IRON BLACK.

4758

4-⅞ DIA COACH SCREWS

SQ THREAD 1⅜ DIA ¼ PITCH R.H. THD.

THRUST SHAFT LIFTING BRACKET 1 OFF WROT IRON BLACK.

4758

4-⅞ DIA COACH SCREWS

BELL METAL BUSH SUITABLE FOR RUNNING IN WATER

TEMPLATE TO BE TAKEN OF RUDDER POST BEFORE MANUFACTURE

3-1" THROUGH BOLTS

SECTION AA

AFT STERN BRACKET 1 OFF CAST STEEL (GALVANISED AFTER MACHINING)

4758

SQ THD 1⅜ D ¼ PITCH L.H.

SQ THD 1⅜ D ¼ PITCH R.H.

INT. SHAFT LIFTING SCREW 1 OFF AS DRAWN WROT IRON.

4758

SQ THD 1⅜ D ¼ PITCH R.H.

THRUST SHAFT LIFTING SCREW 1 OFF AS DRAWN WROT IRON

4758

THRUST BLOCK BRACKET 1 OFF WROT. IRON. BLACK.

4758

DT 25 3 '24.

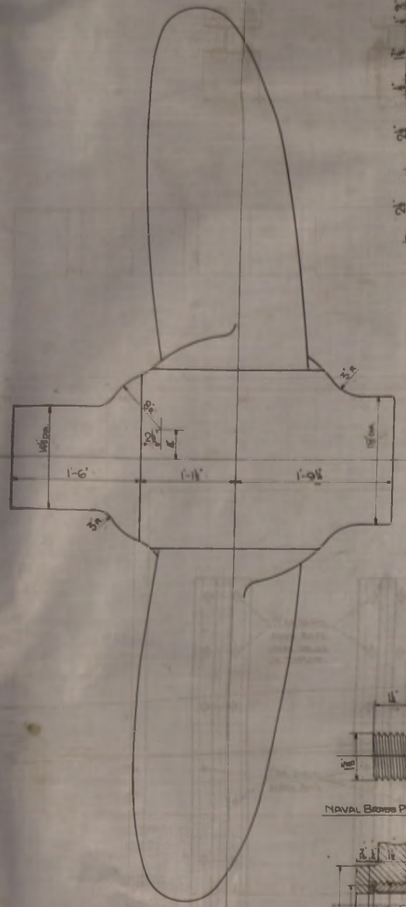
SCALE- ½" & 3" - 1 FOOT

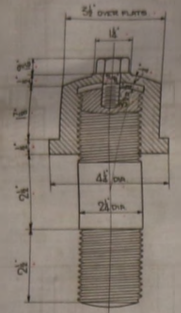
Dc No 4758

SHAFTING, LIFTING GEAR, & PROP. BRKT.

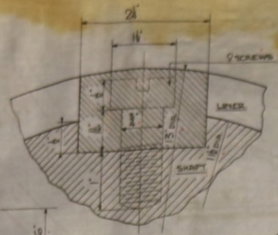
PIPING (WATER CONNECTIONS)

FALKLAND ISLES 1460

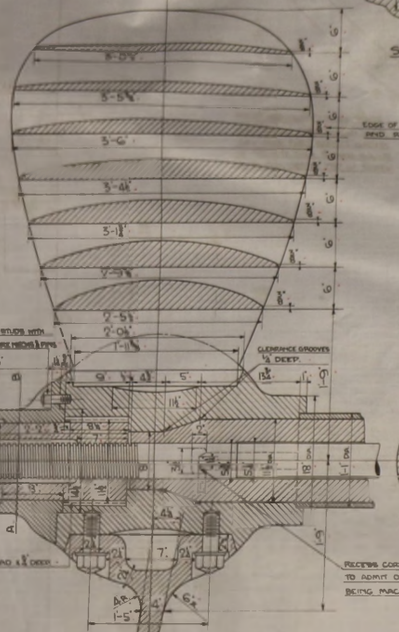


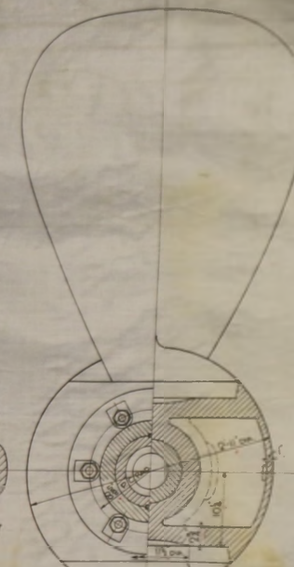


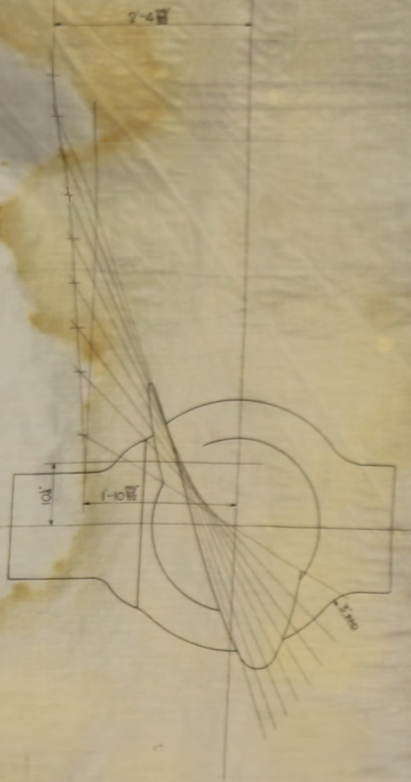
MATERIAL NAVAL BRASS

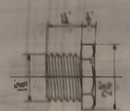


SECTION OF KEYS
FULL SIZE

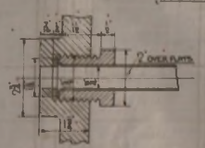






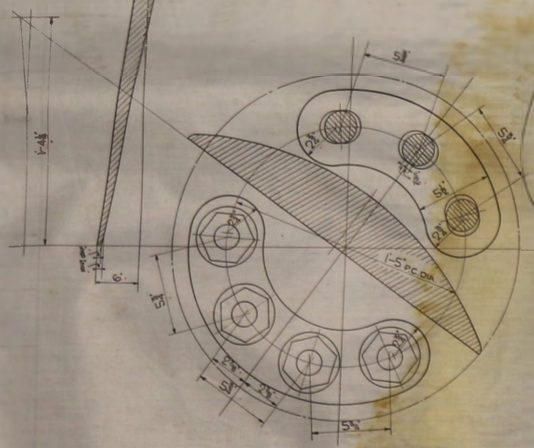


NAVAL BRASS PLUGS. 2 OFF | 1 OFF FOR INLET. 1 " OUTLET

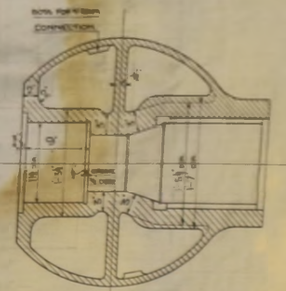


UNION COUPLING FOR STEAM TO PROPELLER BOSS

WHEN NOT IN USE HOLE TO BE PLUGGED BY PLUG SHOWN ABOVE



PITCH PIECES OF WOOD FITTED (EXCEPT TO END SCREWS WHICH ARE METAL) TO ALL SCREWS AFTER PROPELLER IS SET



SECTION OF BOSS AT 90° ANGLES TO BLADES

PITTING (WATER CONNECTIONS)

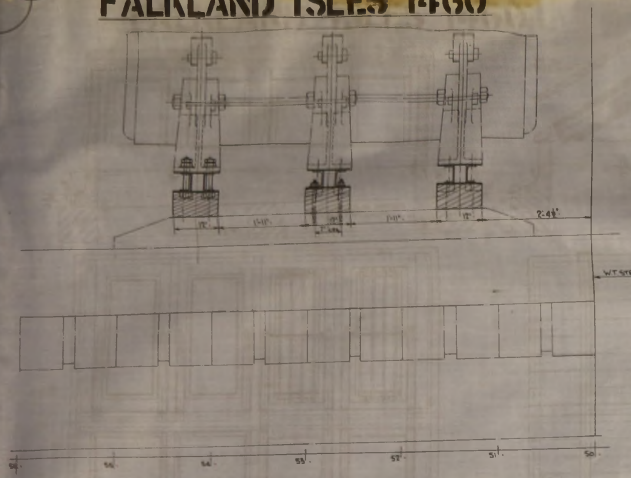
24 SQ: FT: BLADE AREA.

PROPELLER 10 – 6. DIA. x 12 – 0. PITCH. MATERIAL: NAVAL BRONZE. STONE'S

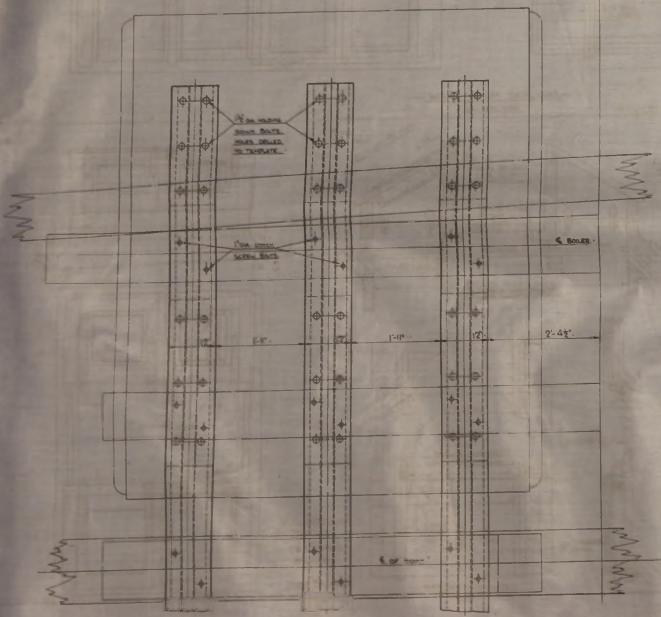
SCALE – 1½ & 3 – ONE FOOT

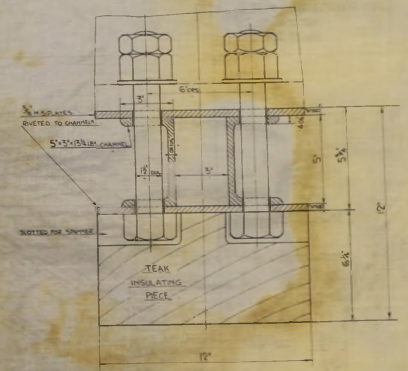
Dg No 4760

FALKLAND ISLES 1460









— SECTION THRO' 'AA' —
SCALE ⅜ FULL SIZE

26·2·24

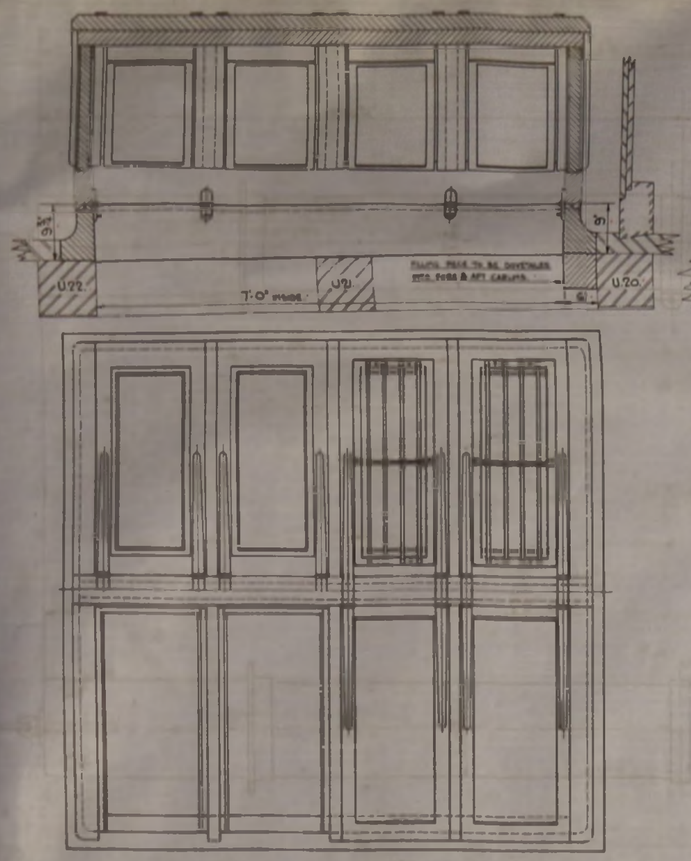
SCALE 1" = 1 FOOT

ARRANGEMENT OF MAIN BOILER BEARERS

Dg No 4761

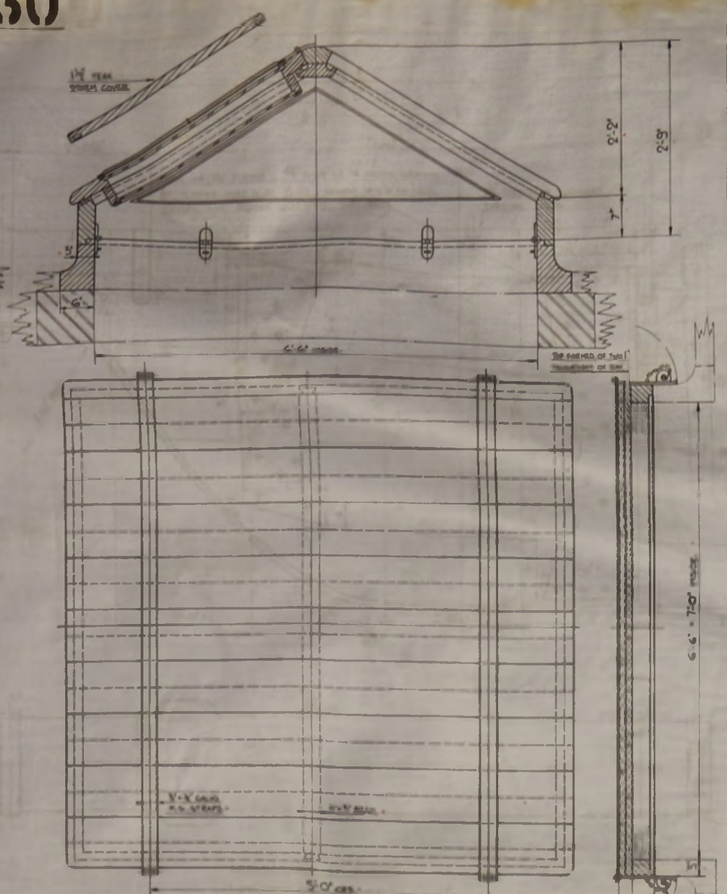
WATER CONNECTIONS

FALKLAND ISLES 1460



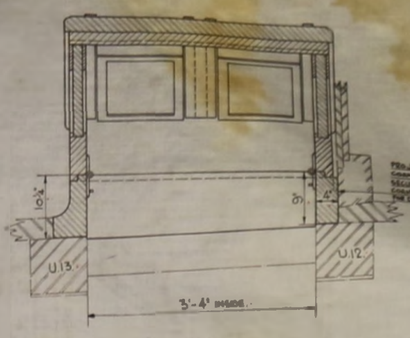
— WARD ROOM SKYLIGHT —

1 OFF MATL: TEAK

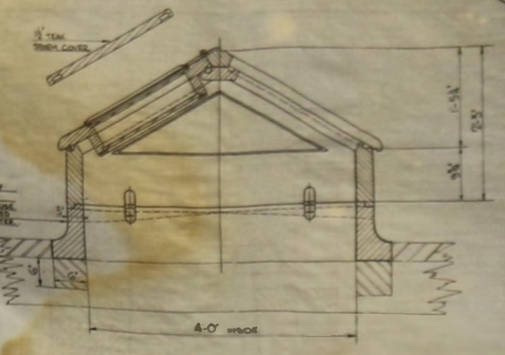


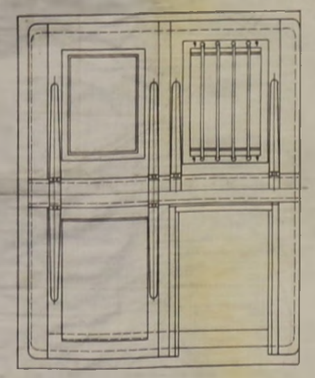
— BATTENING DOWN COVER —

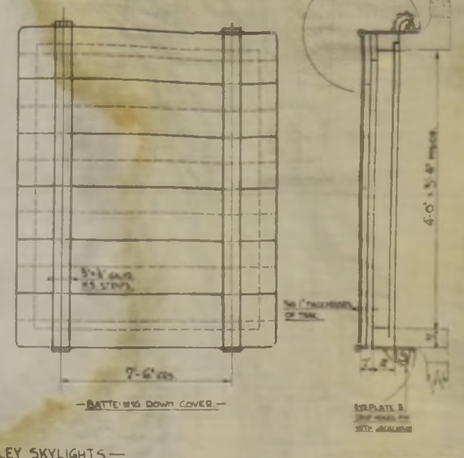
SCALE 1" = 1 FOOT



NOTE: CREW SPACE SKYLIGHT DRAWN GALLEY SKYLIGHT ON BEAMS U13 & U10.





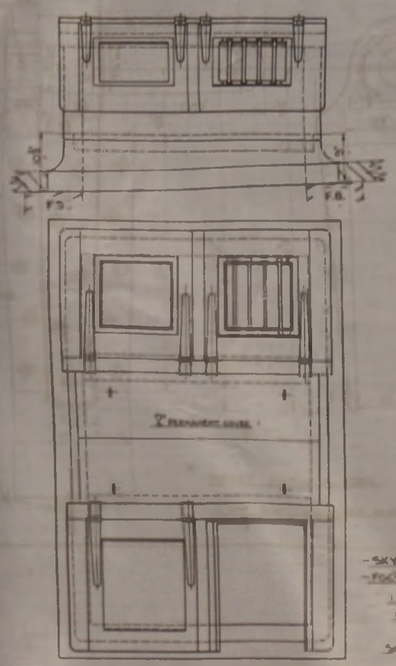


— BATTENING DOWN COVER —

— CREW SPACE & GALLEY SKYLIGHTS —

2 OFF MATL: TEAK

SCALE 1" = 1 FOOT

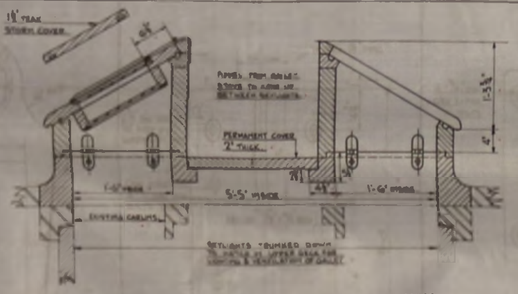


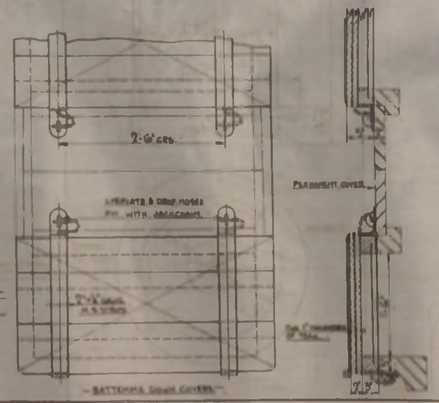
— SKYLIGHTS ON FOCSLE DECK —

1 OFF AS DRAWN

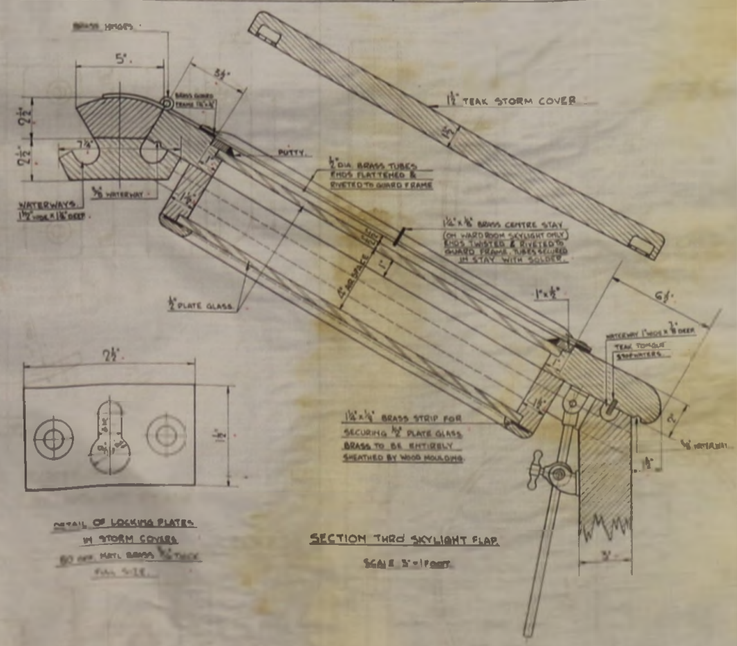
MATL: TEAK

SCALE 1" = 1 FOOT.





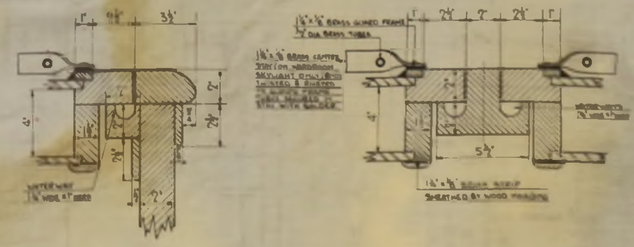
— BATTENING DOWN COVERS —



DETAIL OF LOCKING PLATES IN STORM COVERS

SO OFF MATL BRASS ⅛" THICK

FULL SIZE



SKYLIGHTS

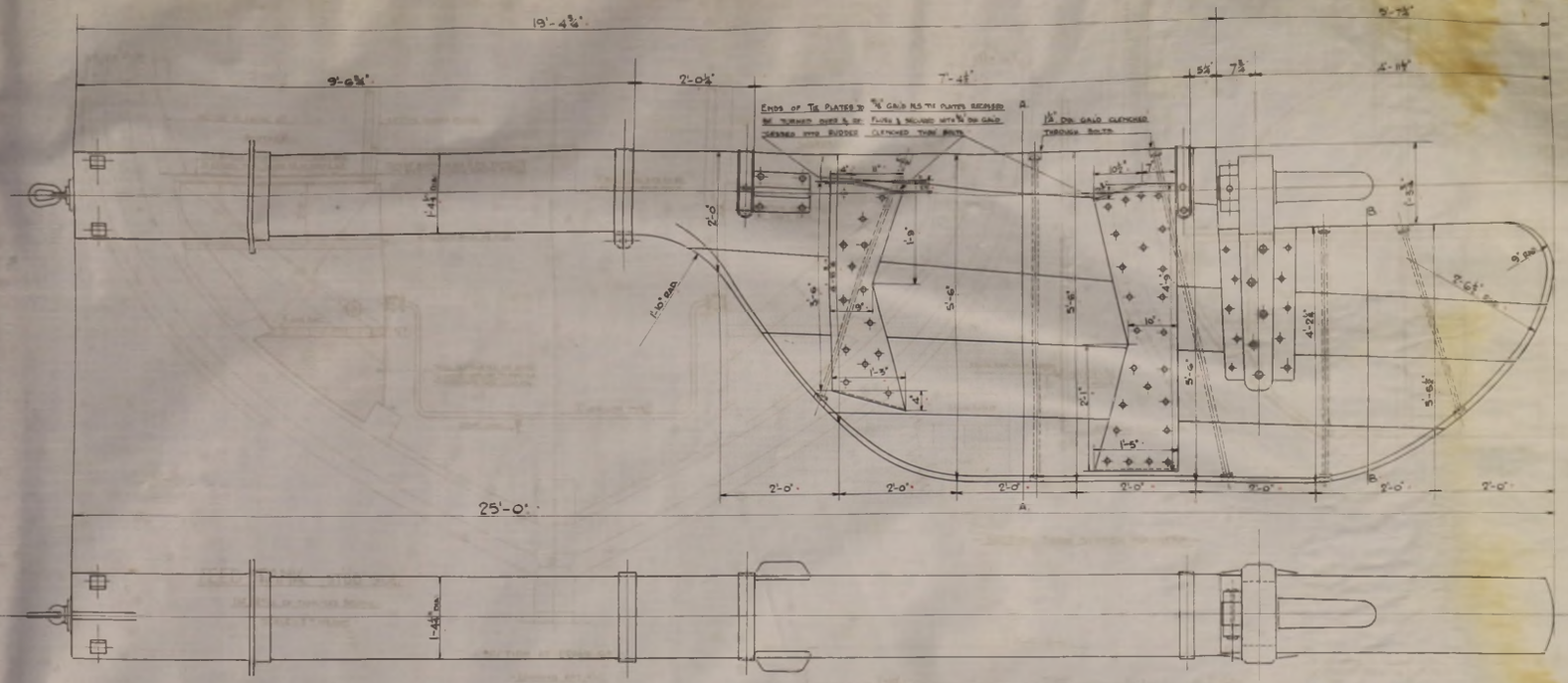
SCALES — 1" & 3" = 1 FOOT

C.M.R. 16.4.24

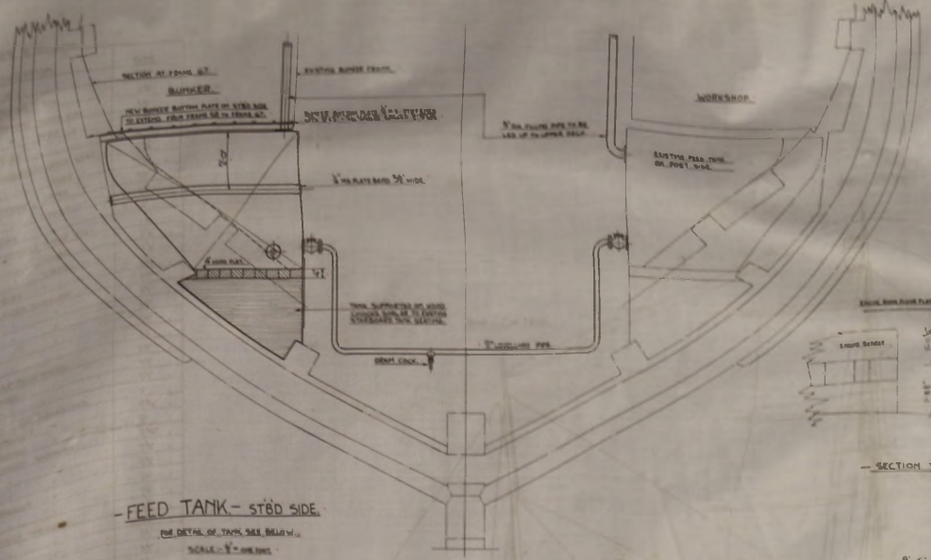
DG No 4765

PIPING, WATER CONNECTIONS

FALKLAND ISLES 1460

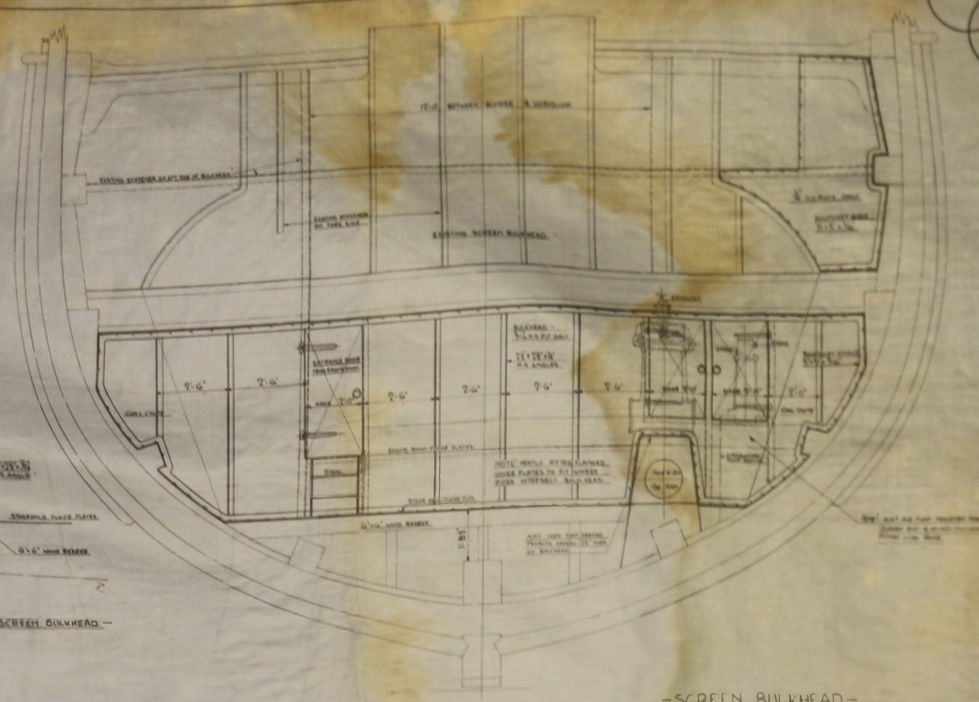

19'-4 3/4"
9'-6 3/4"
2'-0 1/2"
7'-4"
5 1/2"
7 1/2"
4'-11"
25'-0"
2'-0"
2'-0"
2

FALKLAND ISLES 1460





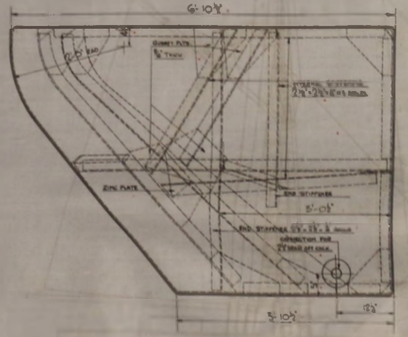
— SECTION THRO' SCREEN BULKHEAD —



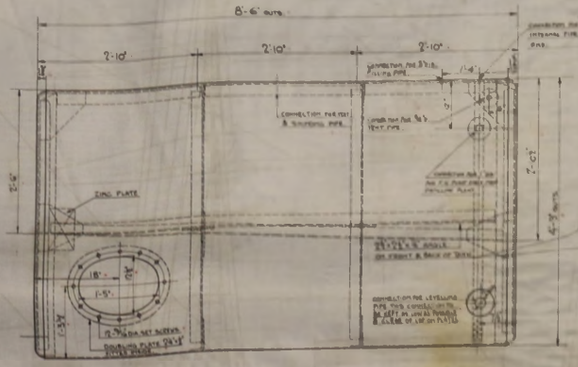
— FEED TANK — STBD SIDE.

FOR DETAIL OF TANK SEE BELOW.
SCALE — ½" = ONE FOOT

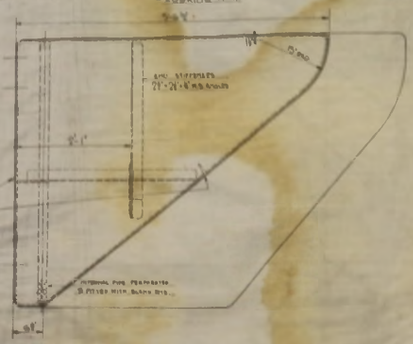
— SECTION AT FRAME 68 —
— LOOKING AFT —



— VIEW OF FORE END OF TANK —



— SECTION AT FRAME 58 —
— LOOKING AFT —



— VIEW OF AFT END OF TANK —

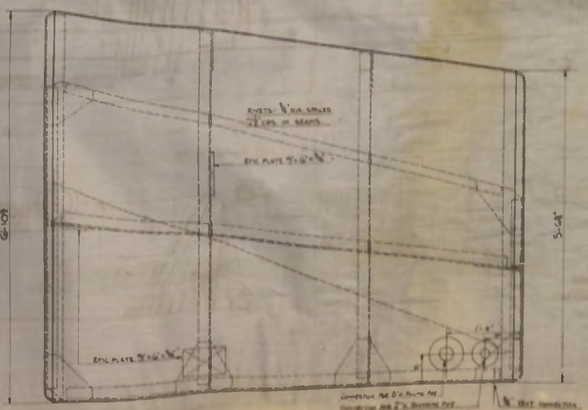
— SCREEN BULKHEAD —

ADDITIONAL PLATING WHERE MARKED.
ALL MARGINALS & ANGLES TO BE WORKED WHERE POSSIBLE.
SCALE ½" = ONE FOOT

DETAILS OF STARBOARD FEED TANK.

MATL. ⅜" M.S. PLATE
SCALE 1" = ONE FOOT

NOTE TANK TO BE TESTED TO 20FT. HEAD OF WATER



SCALES ½" & 1" = ONE FOOT.

27 4 24

ARRGT. OF FEED TANKS & SCREEN BULKHEAD.

DG NO 4769

FALKLAND ISLES 1460

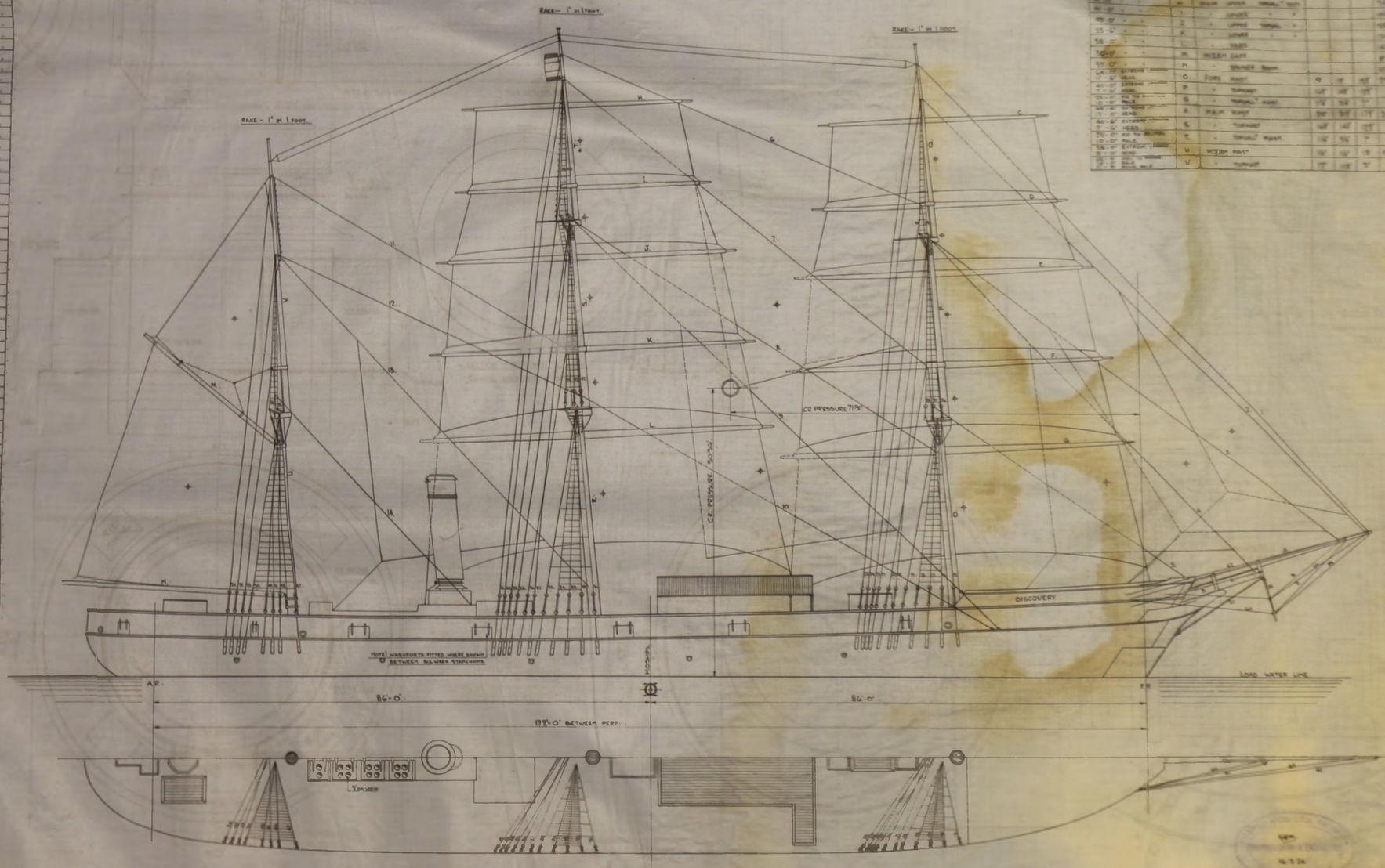
STAYS & RIGGING.

ITEM	DESCRIPTION	SIZE
1	FLYING STAY	2¾ STEEL
2	FORE TOPGALL'T STAY	2¾ "
3	" TOPMAST OUTER STAY	5¾ "
4	" " INNER "	5"-5¾ "
5	" STAY	5"-4" "
6	MAIN TOPGALL'T UPPER STAY	2¾ "
7	" " LOWER "	2¾ "
8	" TOPMAST UPPER "	5¾ "
9	" " LOWER "	5"-5¾ "
10	" STAY	5"-4" "
11	MIZEN TOPMAST UPPER STAY	1¾ "
12	" " LOWER "	2¾ "
13	" " STAYSL "	2¾ "
14	" STAY	2"-1¾ "
15	FORE LOWER SHROUDS	5¾ "
16	" " "	5¾ "
17	" " "	5¾ "
18	" " "	5¾ "
19	" " "	5¾ "
20	" CAP BACKSTAYS	5¾ "
21	" TOPMAST "	5¾ "
22	" " "	5¾ "
23	" " CAP BACKSTAYS	5" "
24	" TOPGALL'T "	2¾ "
25	" ROYAL "	2" "
26	" TOPMAST SHROUDS	2¾ "
27	" " "	2¾ "
28	" " "	2¾ "
29	" TOPGALL'T "	2¾ "
30	" " "	2¾ "
31	MAIN LOWER SHROUDS	5¾ "
32	" " "	5¾ "
33	" " "	5¾ "
34	" " "	5¾ "
35	" " "	5¾ "
36	" CAP BACKSTAYS	5¾ "
37	" TOPMAST "	5¾ "
38	" " "	5¾ "
39	" " CAP BACKSTAYS	5" "
40	" TOPGALL'T BACKSTAYS	2¾ "
41	" ROYAL "	2" "
42	" TOPMAST SHROUDS	2¾ "
43	" " "	2¾ "
44	" " "	2¾ "
45	" TOPGALL'T "	2¾ "
46	" " "	2¾ "
47	MIZEN LOWER SHROUDS	2¾ "
48	" " "	2¾ "
49	" " "	2¾ "
50	" " "	2¾ "
51	" TOPMAST BACKSTAYS	5" "
52	" " "	2¾ "
53	" CAP "	2¾ "
54	" TOPGALL'T "	1¾ "
55	" TOPMAST SHROUDS	2¾ "
56	" " "	2¾ "
57	BOBSTAY BAR	2¾ STEEL
58	MARTINGALE STAYS	3" STEEL
59	MARTINGALS	2¾ STEEL
60	BACK ROPES	3" STEEL
61	BOWSPRIT SHROUDS	5¾ "
62	JIBBOOM GUYS	3" "

NOTE! BLOCK STROPS TO BE FITTED TO LOWER & TOPMAST CAPS ON FORE & MAIN MASTS TO ASSIST IN TAKING WEIGHT OF LOWER TOPSAIL & LOWER TOPGALLANT YARDS.

MASTS & SPARS.

ITEM	DESCRIPTION	DIA. AT HEAD	DIA. AT CAP	DIA. AT DECK	LENGTH	DIA. AT HEAD	DIA. AT CAP
A	FORE MAST						
B	MAIN MAST						
C	FORE LOWER TOPMAST				39'-6"	1'-0"	1'-4"
D	" LOWER "				37'-0"	1'-0"	1'-3½"
E	" LOWER "				35'-0"	1'-0"	1'-3"
F	" LOWER "				33'-0"	1'-0"	1'-2½"
G	" TOPGALL'T				18'-0"	0'-8"	0'-9½"
H	MAIN LOWER TOPMAST				39'-6"	1'-0"	1'-4"
I	" LOWER "				37'-0"	1'-0"	1'-3½"
J	" LOWER "				35'-0"	1'-0"	1'-3"
K	" LOWER "				33'-0"	1'-0"	1'-2½"
L	" TOPGALL'T				18'-0"	0'-8"	0'-9½"
M	MIZEN CAPT				8"	10½"	10½"
N	" TOPMAST				17'-0"	0'-10"	0'-11½"
O	FORE MAST	1'-9"	1'-8"	1'-9"	79'		
P	" TOPMAST	0'-8"	0'-9"	0'-7"			
Q	" TOPGALL'T MAST	0'-5"	0'-6"	0'-5"			
R	MAIN MAST	1'-9"	1'-8"	1'-9"	79'		
S	" TOPMAST	0'-8"	0'-9"	0'-7"			
T	" TOPGALL'T MAST	0'-5"	0'-6"	0'-5"			
U	MIZEN MAST	1'-5"	1'-4"	1'-5"	69'-6"		
V	" TOPMAST	0'-7"	0'-8"	0'-7"			

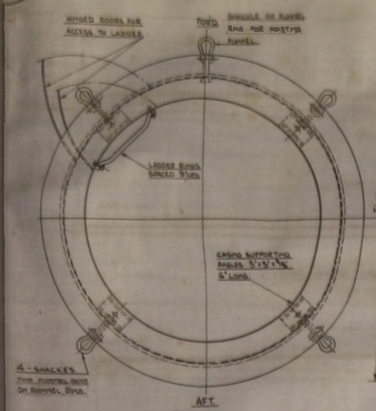


MAST & STAY PLAN

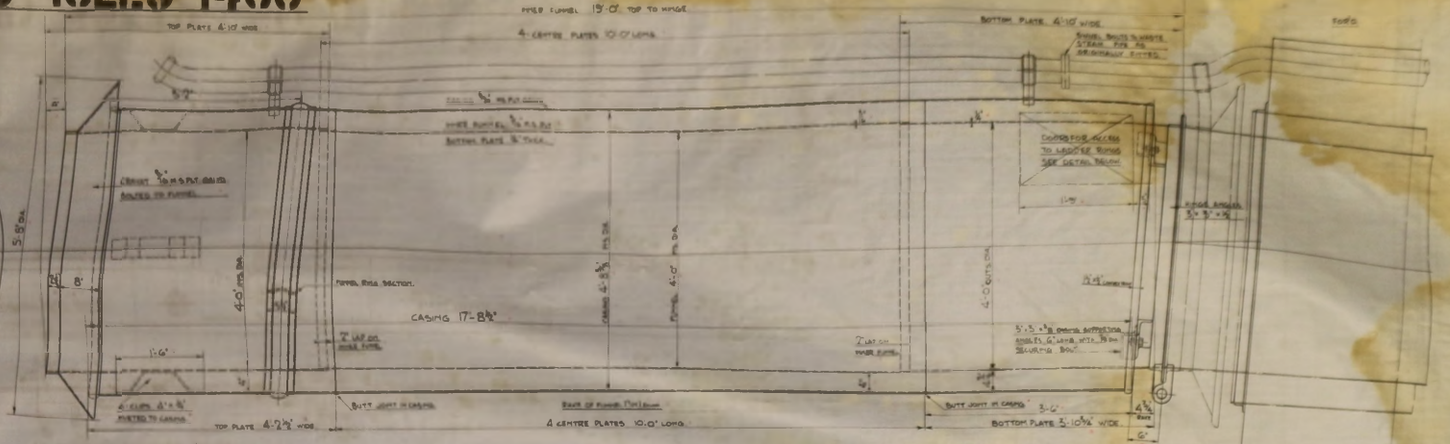
SCALE - ⅛" = ONE FOOT.

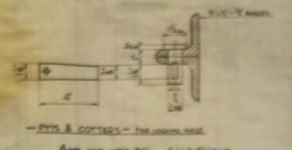
DG No 4770

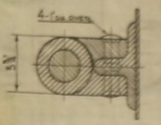
FALKLAND ISLES 1460

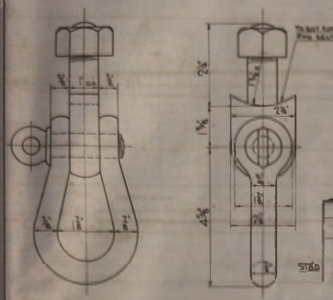


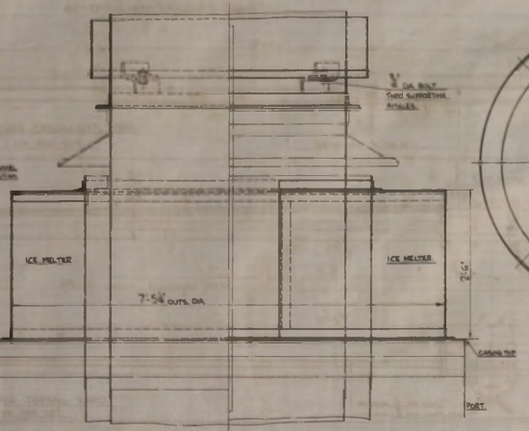
— PLAN OF TOP OF FUNNEL —

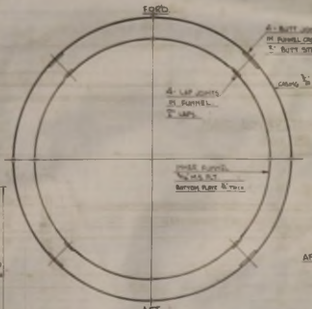




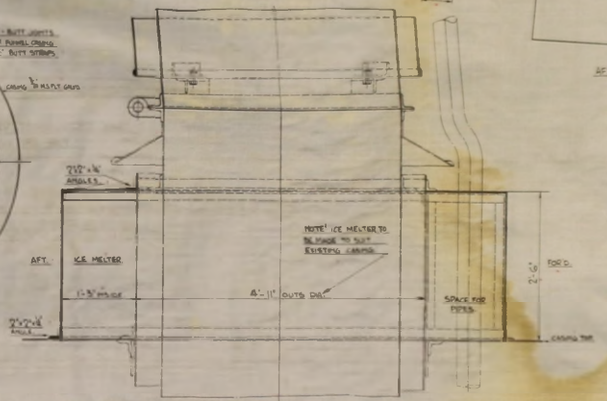


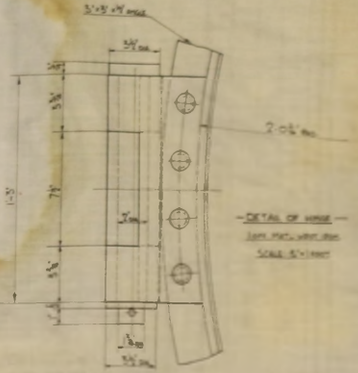






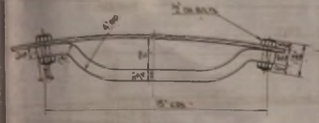
— SECTION THRO' FUNNEL & CASING —
SHEWING ARRANGEMENT OF JOINTS



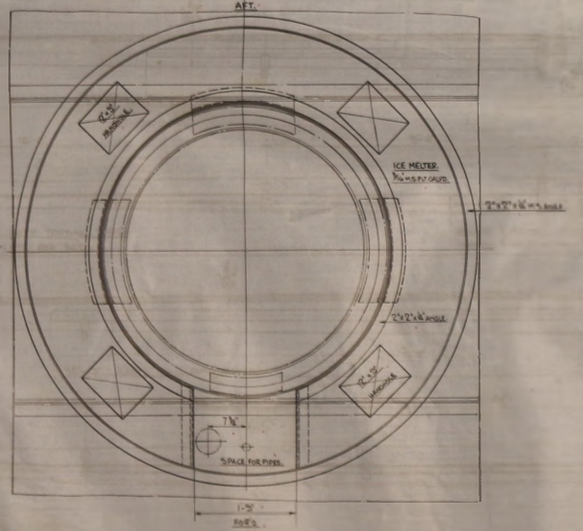


— DETAIL OF HINGE —
1 OFF MATL. WROT IRON
SCALE 5"=1 FOOT

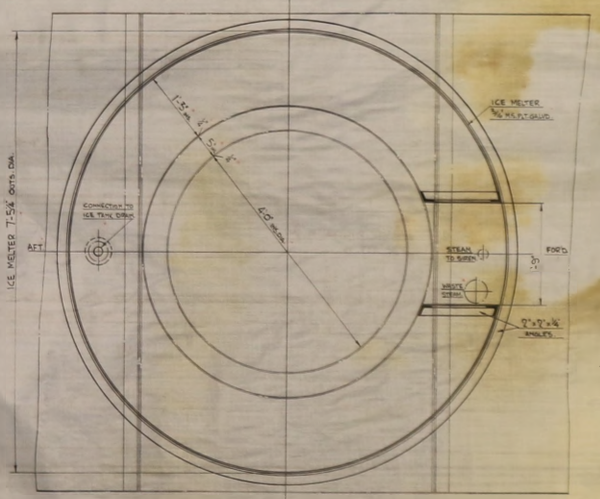
— SHACKLES —
5 OFF MATL. WROT IRON BARS.
SCALE HALF SIZE
EXISTING ONES TO BE USED WHERE POSSIBLE



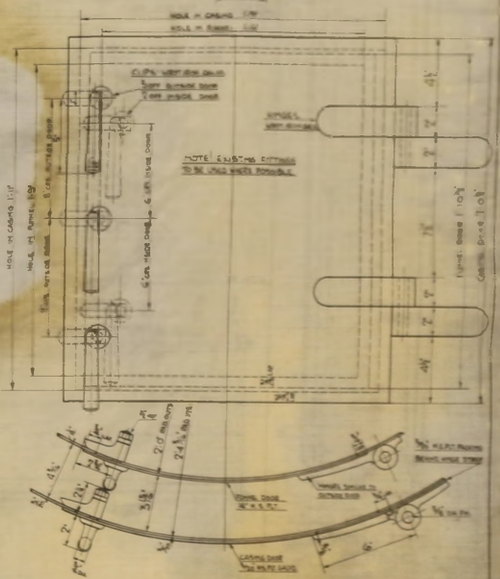
— LADDER RUNGS —
20 OFF MATL. WROT IRON
SCALE ½=1 FOOT
EXISTING ONES TO BE USED IF POSSIBLE.



— PLAN OF TOP OF ICE MELTER —



— SECTION THRO ICE MELTER —



— DETAIL OF DOORS —
1 OFF MATL. BOTTOM DOOR ⅜" M.S.P.T.
SCALE 5"=1 FOOT

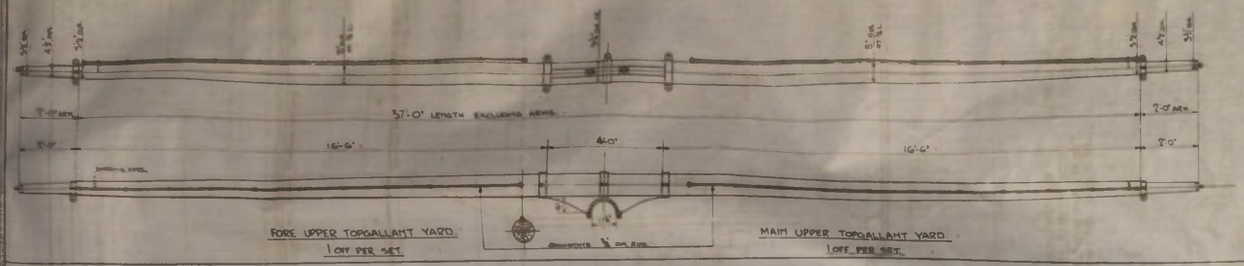
PIPING. WATER CONNECTIONS.

ARRANGEMENT OF LOWERING FUNNEL & ICE MELTER

SCALE: 1" = ONE FOOT

DG Nº 4774

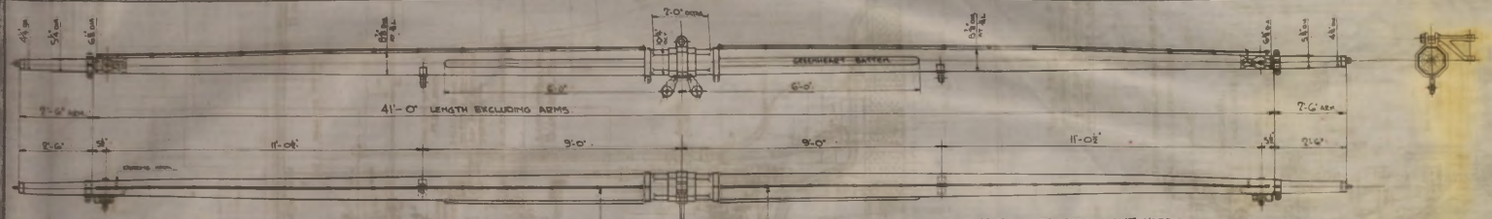
FALKLAND ISLES 1460



FORE UPPER TOPGALLANT YARD
1 OFF PER SET.

MAIM UPPER TOPGALLANT YARD
1 OFF PER SET.

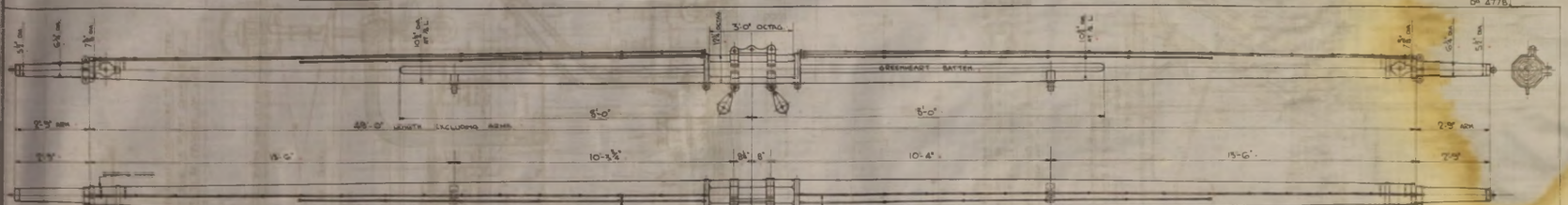
DR 4778



FORE LOWER TOPGALLANT YARD
1 OFF PER SET.

MAIM LOWER TOPGALLANT YARD
1 OFF PER SET.

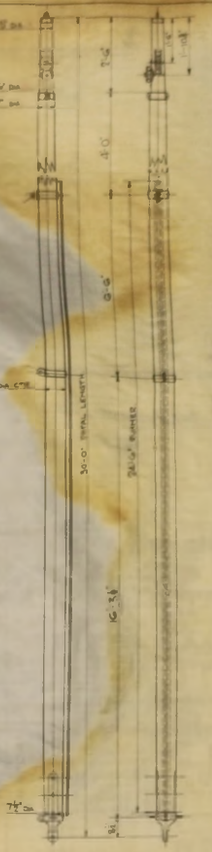
DR 4778



FORE UPPER TOPSAIL YARD
1 OFF PER SET.

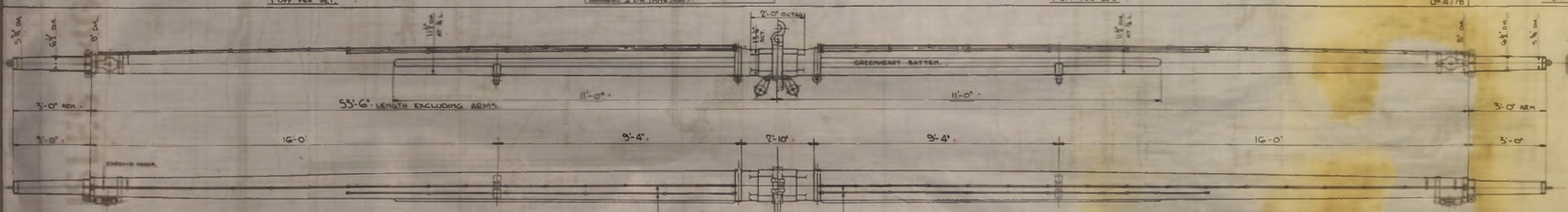
MAIM UPPER TOPSAIL YARD
1 OFF PER SET.

DR 4778



—SPANKER GAFF.—
1 OFF PER SET.

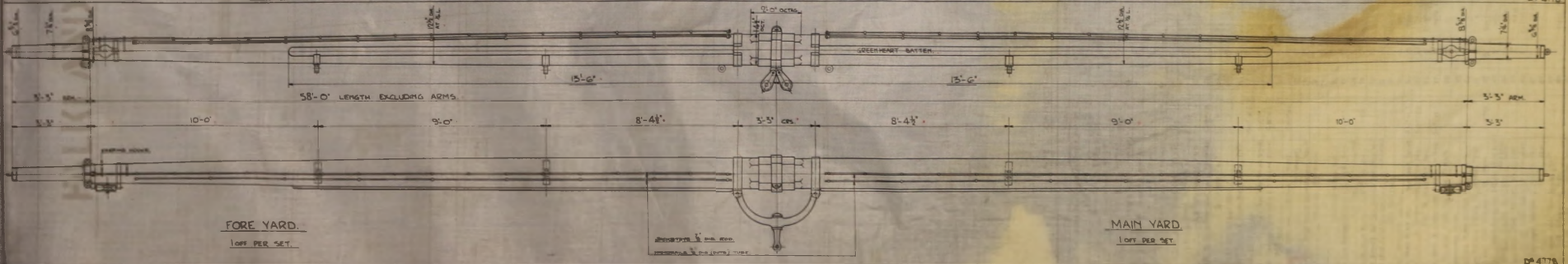
DR 4778



FORE LOWER TOPSAIL YARD
1 OFF PER SET.

MAIM LOWER TOPSAIL YARD
1 OFF PER SET.

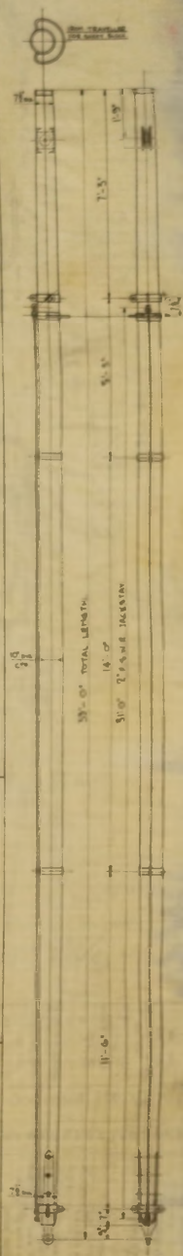
DR 4778



FORE YARD.
1 OFF PER SET.

MAIN YARD.
1 OFF PER SET.

DR 4778



SPANKER BOOM
1 OFF PER SET.

DR 4778

PIPING (WATER CONNECTIONS)

NOTE! EXISTING IRONWORK TO BE USED IN WHEREVER POSSIBLE.
NEW IRONWORK REQUIRED FOR SPARE SET.
NO EXISTING IRONWORK FOR LOWER TOPGALLANT YARDS.

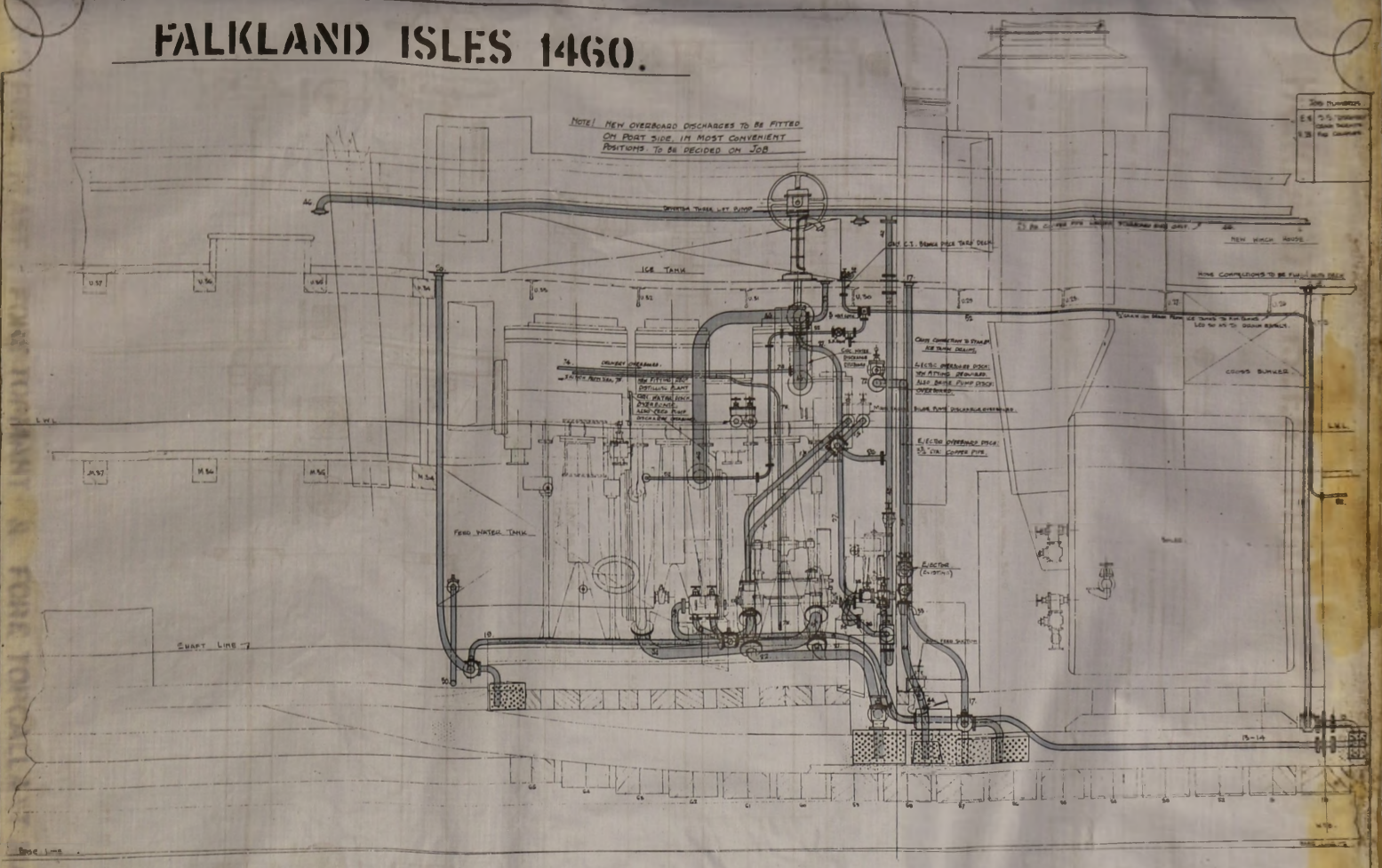
—SCALE: ½" = ONE FOOT.—

DRN. 26 7 24

YARDS & BOOMS

DG No 4778

FALKLAND ISLES 1460.



NOTE! ALL SUCTIONS TO BE MARKED ON VALVE BOXES & CARE TO BE TAKEN IN RUNNING PIPES TO KEEP SAME EASILY ACCESSIBLE & ALLOW DOOR CLEARANCE.

GOOD DRAINAGE TO ALL PIPES. TO ENSURE WATER DRAINING COMPLETELY OUT OF ALL PIPES.

BULKHEAD PIECES TO FIT AT INTERSECTION OF ALL PIPES PASSING THRO' STRUCTURE EXCEPTING IN THE CASE OF SCREW SHAFT WHERE FLANGES SHOULD BE KEPT AWAY FROM THE SHAFT & FLANGED PITS TO BE FITTED.

NOTE! FOR ARRANGEMENT OF SANITARY PIPING SEE DG NO 4082



PIPE CONNECTIONS

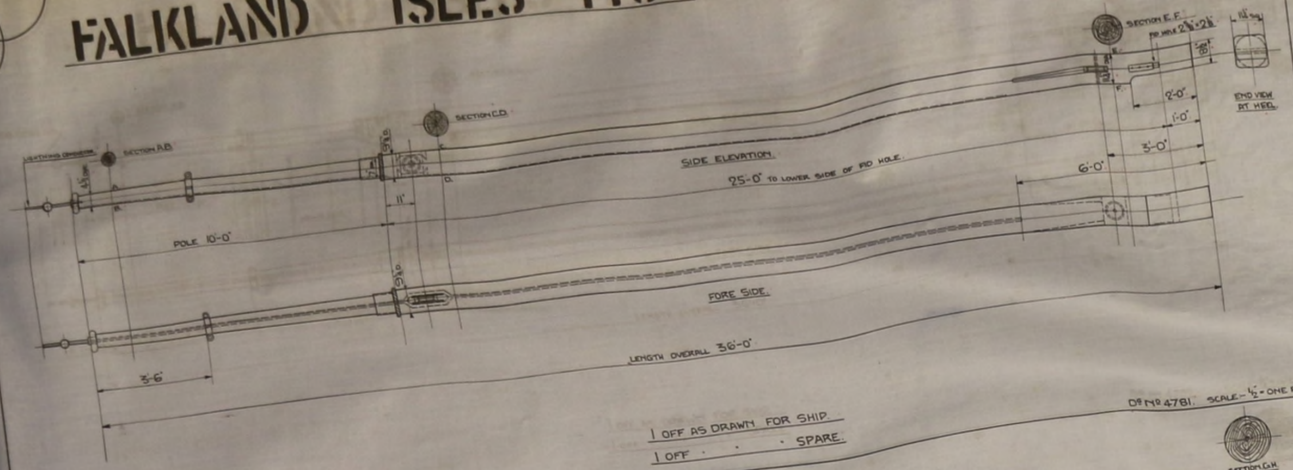
NAME	MATERIAL	NO	DIA	REMARKS
BILGE SUCTION FROM CARGO HOLD & ENGINE ROOM	GALV IRON	1	5"	NEW LINE
" " STORES HOLD & "	"	2	3"	"
" " ENGINE ROOM & TWD STORES	"	3	2"	"
" " FORWARD CARGO HOLD	"	4	5"	"
" " ENGINE & BOILER COMPTS	"	5	3"	"
" " FEED WATER TANK OVERFLOW	"	6	3"	"
BILGE PUMP SUCTION FROM CARGO HOLDS ETC	"	7	5"	"
" " " " " " "	"	8	3"	"
" " " " ENGINE ROOM & TWD STORES	"	9	3"	"
" " FORWARD CARGO HOLD	"	10	3"	"
" " ENGINE & BOILER "	"	11	3"	"
" " " " TWD STORES P & S	"	12	3"	"
BILGE SUCTION FROM WASH BOX IN FORWARD BUNKERED P.S.	COPPER	13	2"	"
" " " " " "	"	14	3"	"
HAND PUMP SUCTION (MAIN)	"	15	3"	"
BILGE SUCTION FROM BOILER SPACE P&S	"	16	2"	"
HAND PUMP SUCTION	GALV IRON	17	2"	"
MAIN ENGINE BILGE SUCT FROM BOILER SPACE	COPPER	18	3½"	EXISTING PIPE
BILGE SUCTION FROM AFTER END OF ENGINE ROOM	GALV IRON	19	3"	NEW PIPE
HAND PUMP SUCTION	"	20	3"	"
AIR CIRC PUMP BILGE INJECTOR (PORT) (STBD)	COPPER	21	2½"	EXISTING PIPE
" " " " "	"	22	2½"	"
MAIN BILGE MAIN FROM AFT END OF ENGINE ROOM TO FWD END OF BOILER ROOM	"	23	3½"	"
OBSERVATION OPENINGS	"	24	1"	"
" "	"	25	1"	"
DISCHARGE OF BILGE PUMP 25	GALV IRON	26	3"	NEW PIPE
BILGE PUMP SUCTION FROM VALVE BOX IN ENGINE ROOM	"	27	3"	"
" " " " " "	"	28	3"	"
FROM PITTSBURG P.P.	COPPER	29	3"	EXISTING PIPE
MAIN FEED BILGE & BILGE FROM VALVE BOX	"	30	2½"	NEW PIPE
CLOSE OVERBOARD SUCTION FROM LIFE BOAT DAVIT BOX	"	31	2½"	"
GEN SERVICE BILGE SUCTION FROM E.R.S. ENGINEERS	"	32	2½"	"
" " SEA INJECTION	"	33	2½"	EXISTING PIPE
AIR CIRCULATING	"	34	2½"	"
FEED FROM PUMP NO. 1 TO BRACKET TANK	GALV IRON	35	1½"	NEW PIPE
" " " " " "	"	36	1½"	"
" " SUCTION FROM SUCTION BOX	COPPER	37	2½"	EXISTING PIPE
" " TEST TO FEED HEATER	"	38	1"	"
AIR VENT TO CREOSOTED PIPE IN FORETANK	GALV IRON	39	1"	NEW PIPE
FILLING PIPE TO F.W. TANKS	"	40	2"	"
SOUNDING PIPES	"	41	2"	"
FEATHER PUMP SUCTION FROM	"	42	2"	"
SOUNDING PIPES TO LOWER HOLD	"	43	2"	"
OVERFLOW PIPE FROM ENGINE OR BOILER	COPPER	44	3"	EXISTING PIPE
CIRCULATING PIPE BETWEEN VALVE BOXES	"	45	5"	NEW LINE
EJECTOR BILGE SUCTION (" ")	"	46	3½"	EXISTING PIPE
DONKEY PUMP (STARBD) SEA SUCTION	"	47	3"	NEW PIPE
AIR CIRC TO CONDENSER BILGE INJECTOR	"	48	3"	EXISTING PIPE
AIR FEED PUMP DELIVERY TO BOILER DRUM (PORT)	"	49	2"	EXISTING PIPE & ELBOW
" " " " " (STBD)	"	50	2"	"
BLOW DOWN FROM MAIN BOILER (PORT)	"	51	2½"	NEW PIPE
FEED TANK OVERFLOW PIPE	"	52	2½"	EXISTING PIPE
BLOW DOWN FROM MAIN BOILER (STBD)	GALV IRON	53	2½"	NEW PIPE
DRAIN FROM ICE TANK TO F.W. TANKS	"	54	1½"	EXISTING PIPE
AUX FEED & MAIN BOILER FEED PUMPS	COPPER	55	3"	"
AUX CIRC. VESSEL TO CONDENSER	"	56	3"	SUPPLIED WITH PUMPS
DISTILLING PLANT CIRCULATING WATER PIPE	"	57	4½"	"
VACUUM TO DISTILLER	"	58	2½"	"
DISTILLING PLANT CIRC PUMP DISCHARGE	"	59	2½"	"
BLOW DOWN TO BILGE DISTILLING PLT	"	60	1"	NEW PIPE
BRINE PUMP SUCTION (DISTILLING PLANT)	"	61	3"	SUPPLIED WITH PUMPS
CIRC PUMP SEA SUCTION (" ")	"	62	3"	NEW PIPE
FRESH WATER PUMP SUCTION (" ")	"	63	3"	"
DISCHARGE TO FEED TANK	"	64	3"	"
MANIFOLD FEED	COPPER	65	3"	SUPPLIED WITH PUMPS
BRINE PUMP VALVE (OVERBOARD DISCHARGE)	"	66	3"	NEW PIPE
FEED TANK BRACK OVERBOARD	"	67	3"	NEW PIPE
" " OR BILGE	"	68	3"	"
" " SUCTION FROM VALVE BOX	"	69	3"	"
" " " " " "	"	70	3"	"
DISTILL FEED TANK TO H.P. BOILER	"	71	3"	EXISTING PIPE
FEED TANK OVERFLOW TO BILGE	"	72	3"	NEW PIPE
DISTILLING PLANT BRINE DISCHARGE	"	73	3"	"
DISTILLING PLANT (STBD) SUCTION	GALV IRON	74	3"	"
FRESH WATER SET PUMP DELIVERY	COPPER	75	3"	"
" " " "	"	76	3"	"

ARRT. OF PIPING (WATER CONNECTIONS)

D.G. No 4750

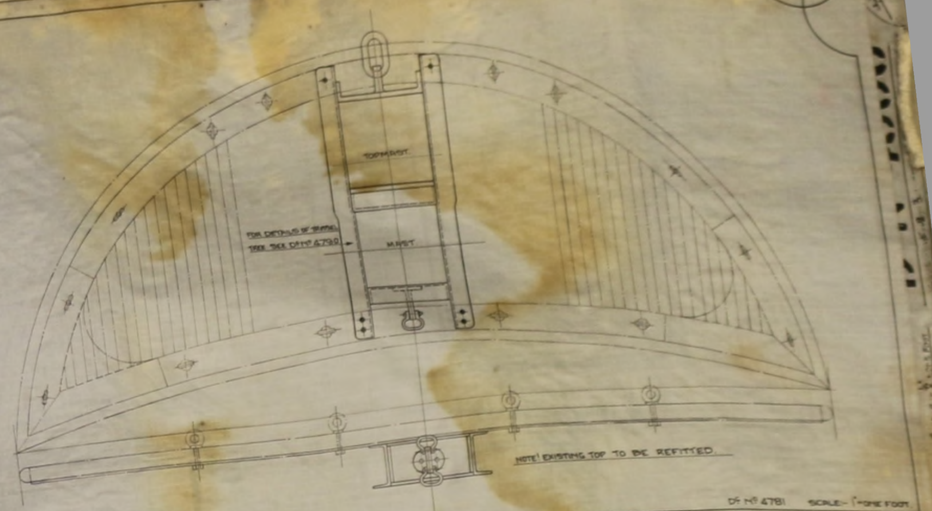
D.G. No 4780

FALKLAND ISLES 1460



1 OFF AS DRAWN FOR SHIP
1 OFF . . . SPARE

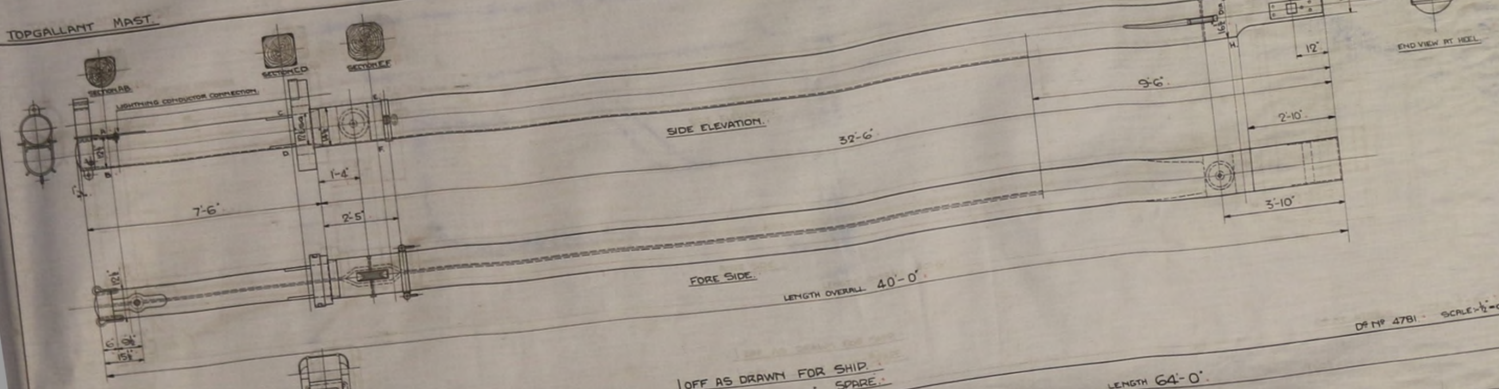
Dg Nº 4781 SCALE - ½" = ONE FOOT



EXISTING TOP SHOWING CONNECTION OF NEW TRUSSEL TREE.

Dg Nº 4781 SCALE - 1" = ONE FOOT

TOPGALLANT MAST.

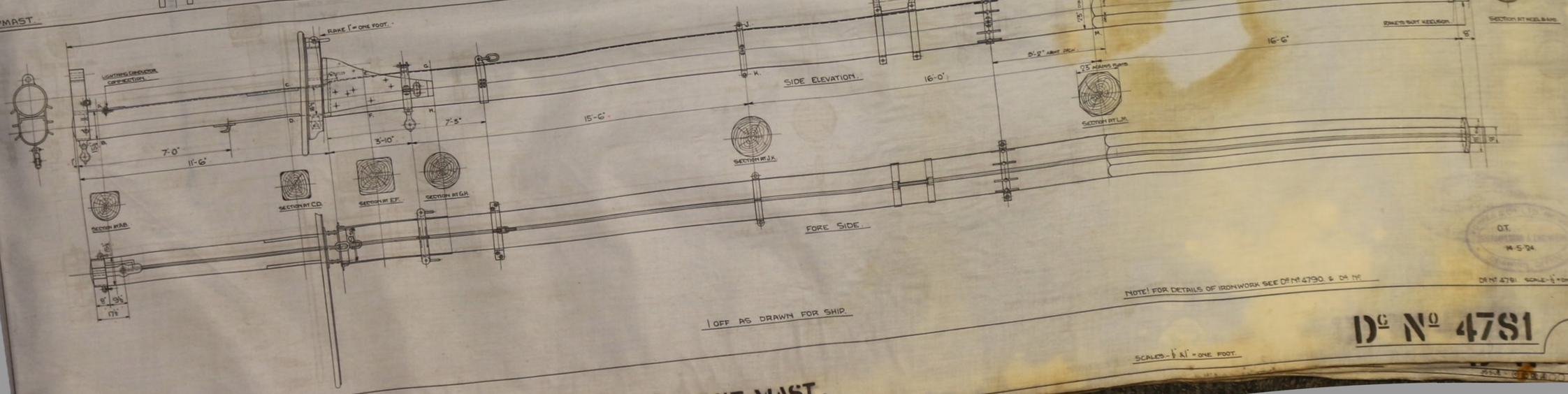


NEW TRUSSEL TREE (WOOD)

1 OFF AS DRAWN FOR SHIP.
1 OFF . . . SPARE.

Dg Nº 4781 SCALE - ½" = ONE FOOT

TOPMAST.



1 OFF AS DRAWN FOR SHIP.

NOTE! FOR DETAILS OF IRONWORK SEE Dg Nº 4790 & 94 Nº

Dg Nº 4781 SCALE - ½" = ONE FOOT

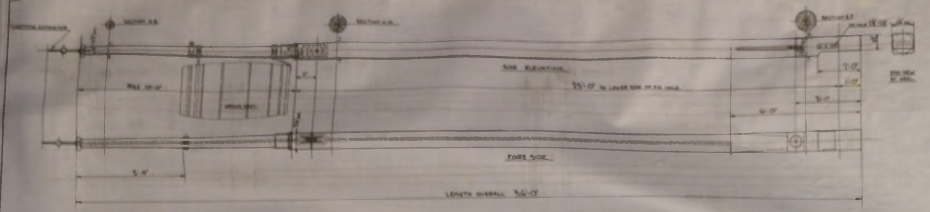
SCALES - ½" & 1" = ONE FOOT.

FORE MAST.

FORE MAST, FORE TOPMAST & FORE TOPGALLANT MAST.

Dg Nº 4781

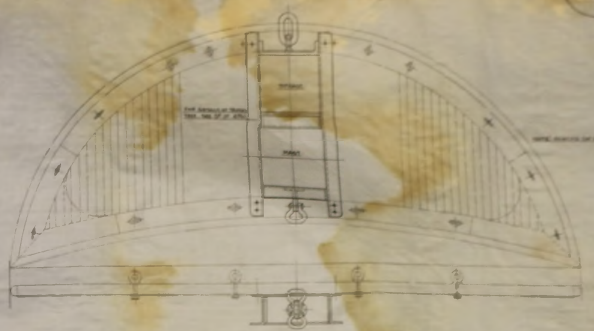
FALKLAND ISLES 1460



1 off as drawn for ship
1 off " " " SPARE

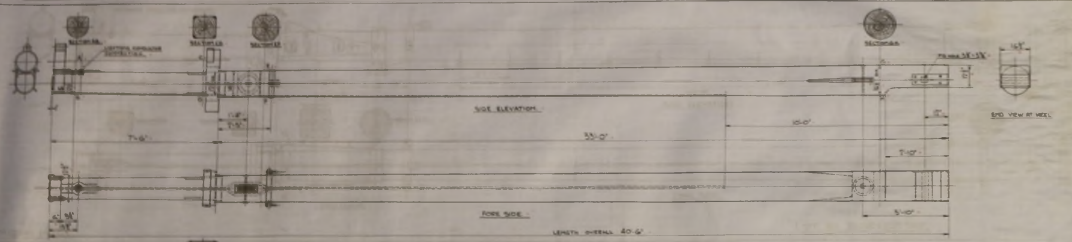
TOPGALLANT MAST.

DR No 4780. SCALE 1" = 1 FOOT.



EXISTING TOP SHOWING CONNECTION TO NEW TRUSS TREE

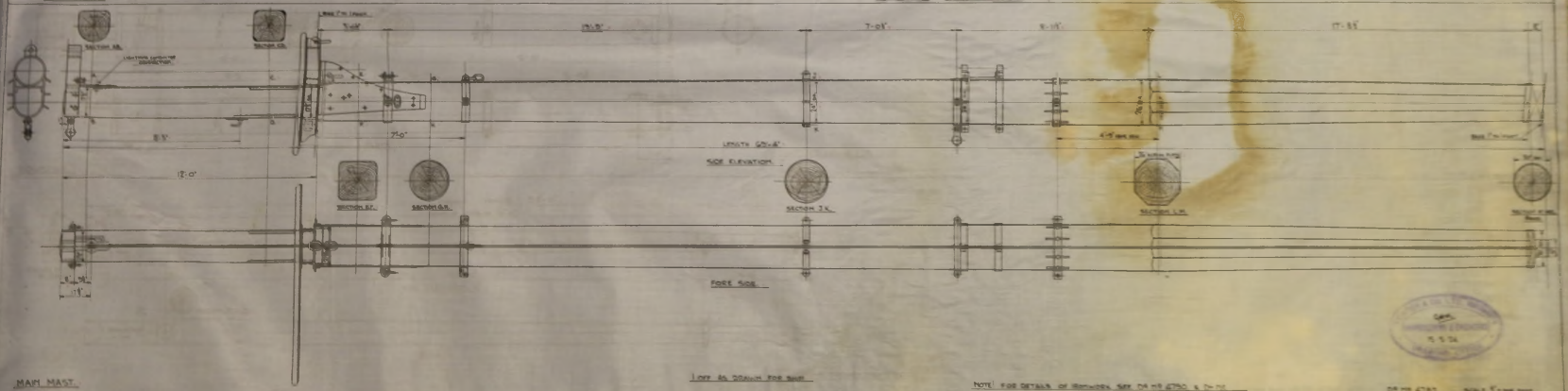
DR No 4785. SCALE FULL SIZE.



1 off as drawn for ship
1 off " " " SPARE

TOPMAST.

DR No 4781. SCALE 1" = 1 FOOT.



1 off as drawn for ship

NOTE FOR DETAILS OF IRONWORK SEE DR No 4790 & 91

MAIN MAST.

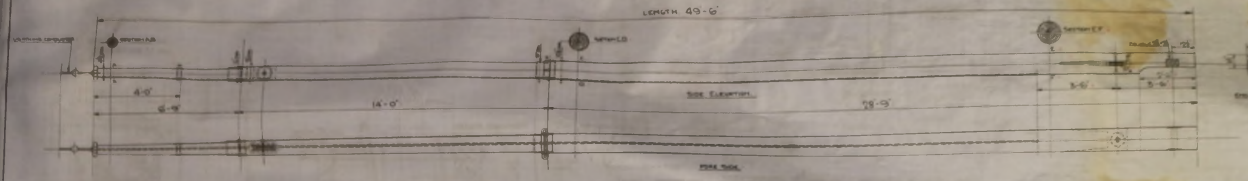
DR No 4782. SCALE 1" = 1 FOOT.

MAIN MAST, MAIN TOPMAST, & MAIN TOPGALLANT MAST.

SCALES 1" & 1" = 1 FOOT.

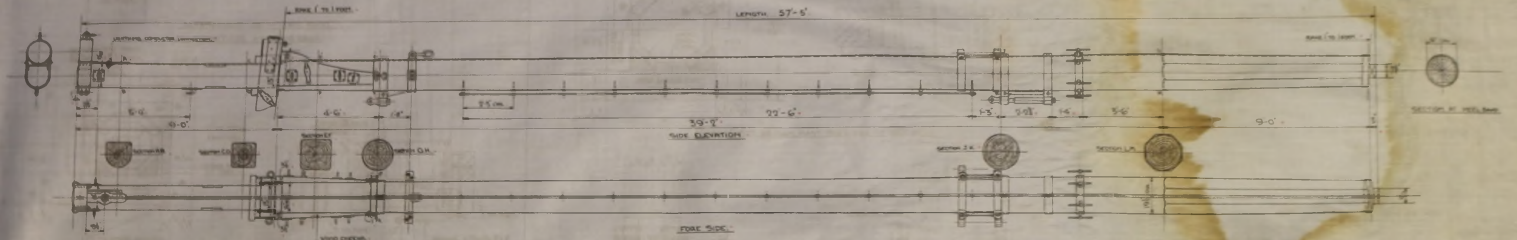
Dg No 4782

FALKLAND ISLES 1460



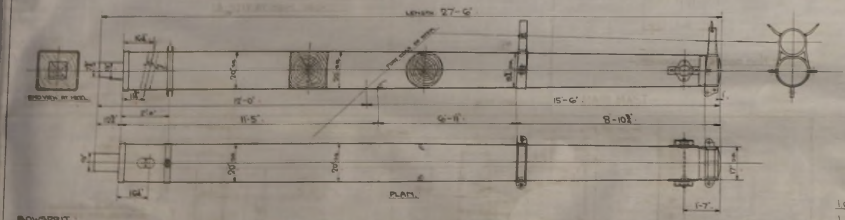
TOPMAST

1 OFF AS DRAWN FOR SHIP
1 OFF " " " SPARE



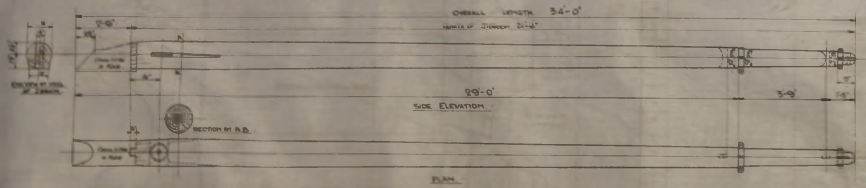
MIZEN MAST.

1 OFF AS DRAWN FOR SHIP



BOWSPRIT.

1 OFF AS DRAW FOR SHIP
1 OFF " " " SPARE



JIBBOOM.

1 OFF AS DRAWN FOR SHIP
1 OFF " " " SPARE

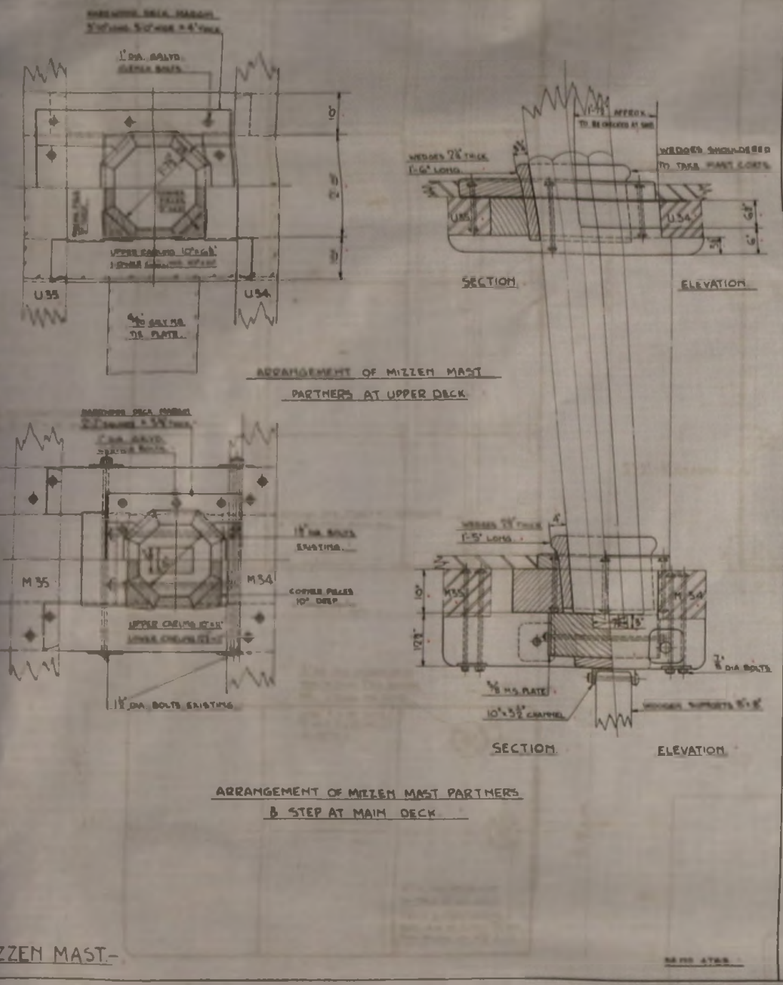
NOTE! FOR DETAILS OF FASHIONING SEE Dg Nº 4790 & 2 Sht

MIZEN MAST, MIZEN TOPMAST, JIBBOOM & BOWSPRIT.

SCALE - 1" = ONE FOOT

Dg Nº 4783

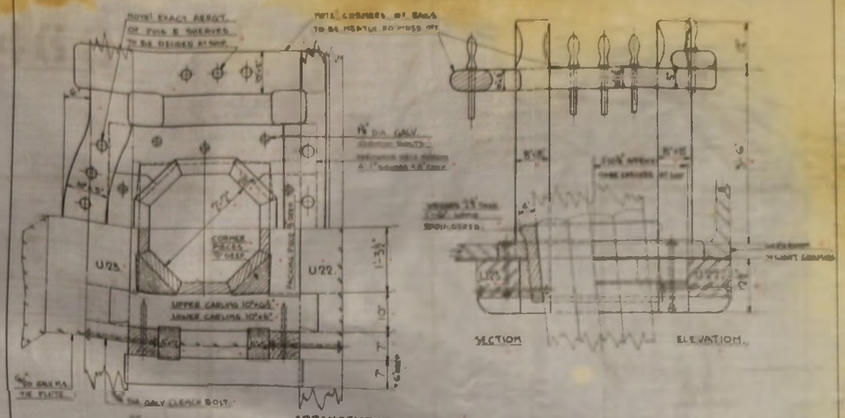
FALKLAND ISLES 1460



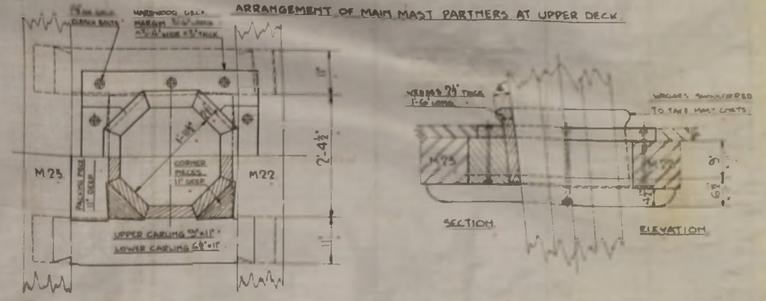
ARRANGEMENT OF MIZZEN MAST PARTNERS AT UPPER DECK

ARRANGEMENT OF MIZZEN MAST PARTNERS & STEP AT MAIN DECK

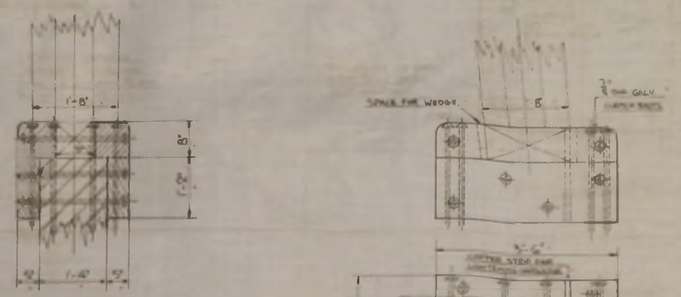
-MIZZEN MAST-



ARRANGEMENT OF MAIN MAST PARTNERS AT UPPER DECK

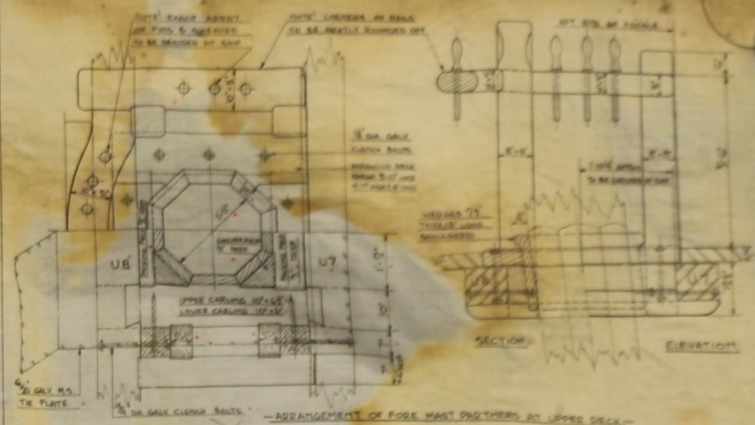


ARRANGEMENT OF MAIN MAST PARTNERS AT MAIN DECK

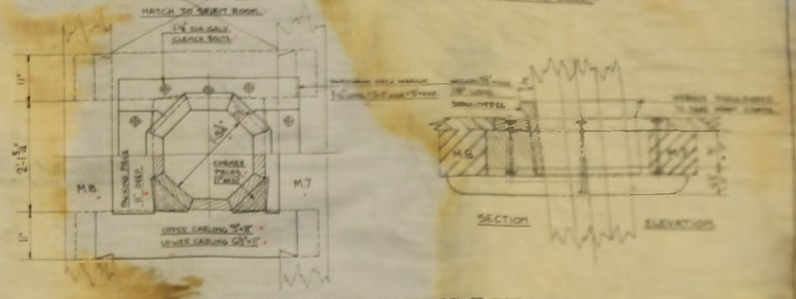


-ARRANGEMENT OF MAIN MAST STEP-

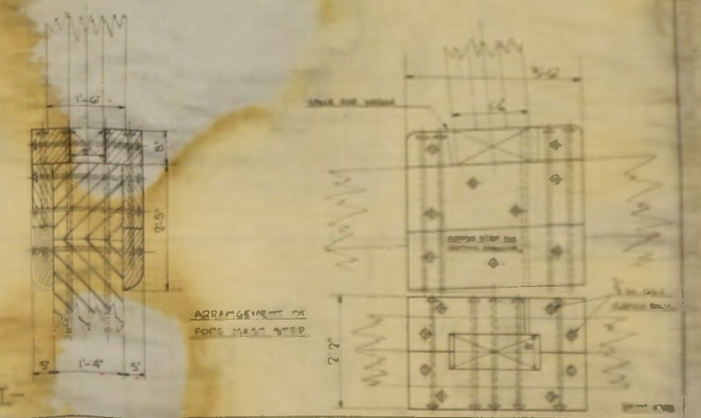
-MAIN MAST-



-ARRANGEMENT OF FORE MAST PARTNERS AT UPPER DECK-

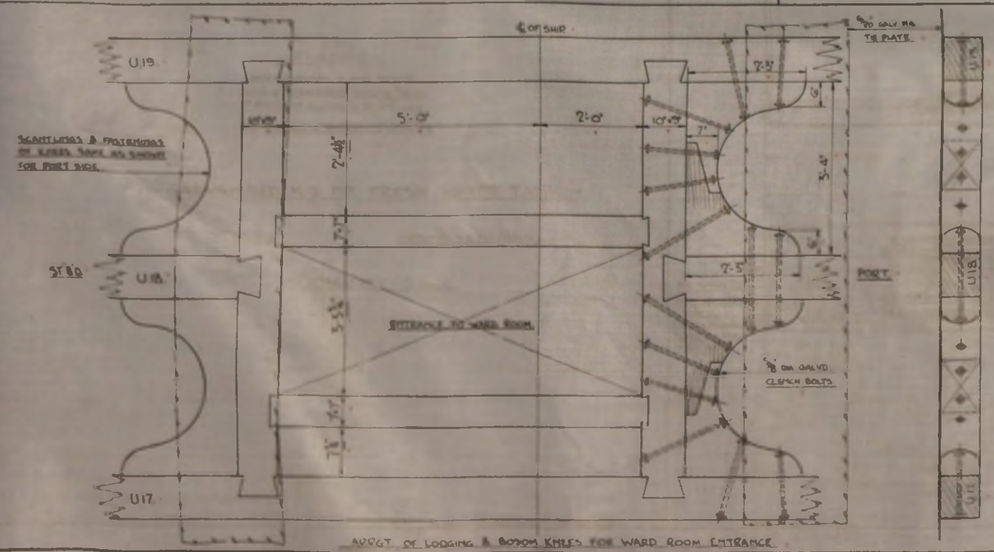


-ARRANGEMENT OF FORE MAST PARTNERS AT MAIN DECK-



ARRANGEMENT OF FORE MAST STEP

-FORE MAST-



ARRGT OF LODGING & BOSOM KNEES FOR WARD ROOM ENTRANCE



-ARRGT OF CARLINGS FOR WARD ROOM SKYLIGHT-

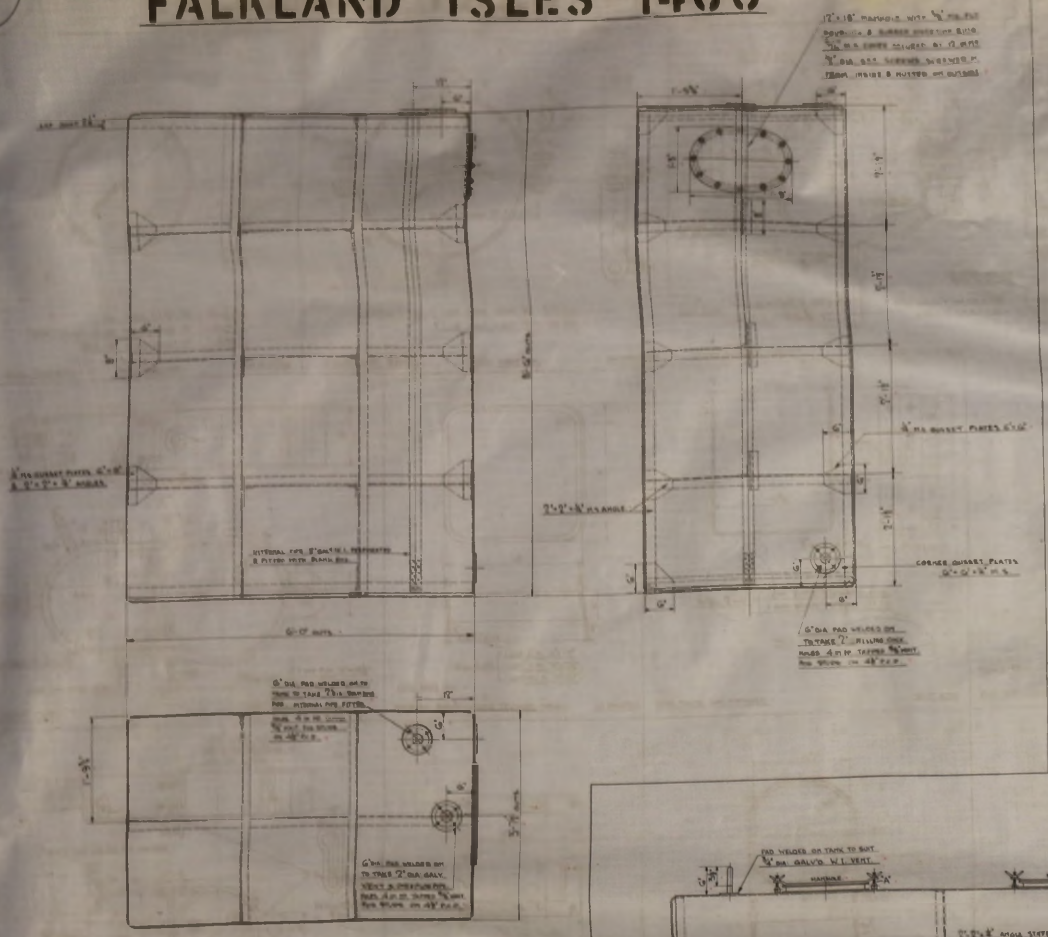
LODGING & BOSOM KNEES & MAST PARTNERS

SCALE ½" = ONE FOOT

31.7.24

DG NO 4788

FALKLAND ISLES 1460



— GALVANISED M.S PLT. FRESH WATER TANK —

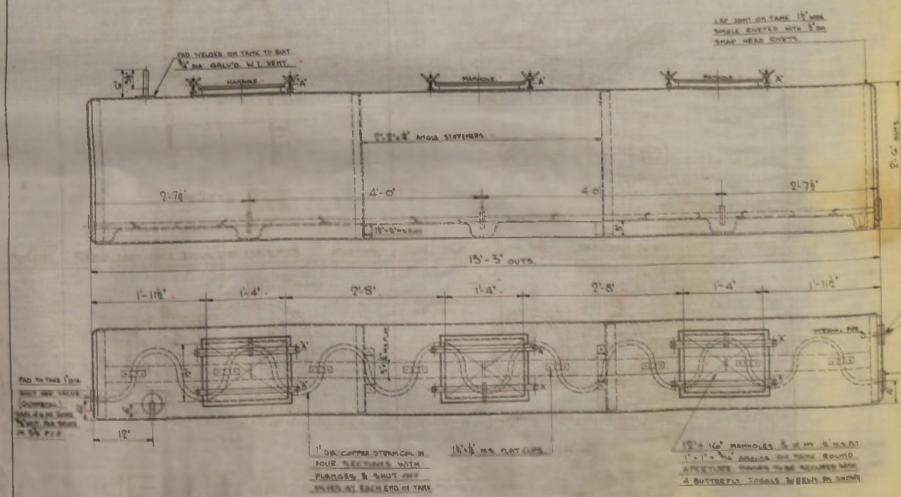
No OFF : 6 MATL : ⅜" M.S PLT (GALV.)

CAPACITY = 5 TONS

— RIVETING —

LONGITUDINAL & END SEAMS DOUBLE, SNAP HEAD RIVETS ⅞" DIA. 7" PITCH LAP JOINTS TO BE 2⅞" WIDE.

ALL STIFFENING ANGLES : 2"×2"×⅜" M.S.

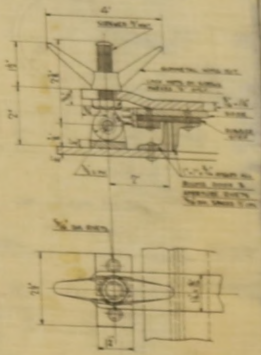


— ICE TANK (GALV. M.S) —

2 OFF { 1 OFF PORT AS DRAWN (LH) / 1 OFF STARBD (RH)

MATL - ⅜" M.S PLT (GALV.)

STEAM COIL OF COPPER WITH G.M. FLANGES.

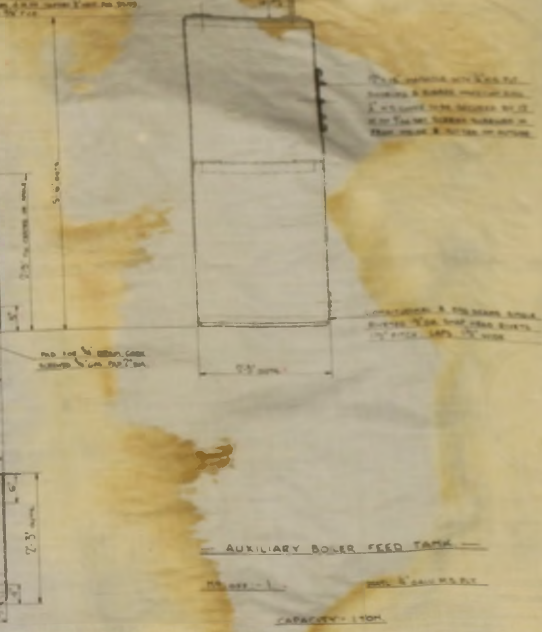


— DETAIL OF BUTTERFLY TOGGLE SCREWS ETC —

NO REQ'D : 12 PER TANK

MATLS AS SHOWN & G.M.

SCALE :- HALF SIZE



— AUXILIARY BOILER FEED TANK —

No OFF : 1 CAPACITY : 1 TON

NOTE! ALL TANKS GALVANISED AFTER MANUFACTURE

SCALE :- 1" = ONE FOOT

DATE 16.8.24.

F. W. TANKS ICE TANKS & AUX. BOILER FEED TANK.

DG No 4789

FALKLAND ISLES 1460.

HEEL BANDS. MATL. WROT IRON. Dg No 4790

RIDGE WIRE BANDS. MATL. WROT IRON. Dg No 4790.

SPIDER & SLING BANDS. MATL. WROT. IRON. Dg No 4790

TRUSSEL TREE F.M. & M.M. MATL. MILD STEEL CHANNELS. Dg No 4790

SPIDER BAND F.T.M. & M.T.M. MATL. WROT. IRON. Dg No 4790

MAST CAPS. MATL. WROT IRON. Dg No 4790.

SQUARE BAND UNDER TRUSSEL TREE. MATL. WROT. IRON. Dg No 4790.

HEEL BAND FOR TOPMAST. MATL. MILD STEEL PLT. Dg No 4790

MIZ. TOPMAST BANDS IN WAKE OF SHROUDS & STAYS. MATL. WROT. IRON. Dg No 4790

J'BROOM 4 EYE BAND. 1 OFF AS DRAWN J. MATL. WROT. IRON. Dg No 4790

J'BROOM 5 EYE BAND. 1 OFF AS DRAWN J. MATL. WROT. IRON. Dg No 4790

TOPMAST CAP. MATL. WROT IRON. Dg No 4790.

TOPMAST TRUSSEL TREE IRONWORK. MATL. MILD STEEL PLT. Dg No 4790

SQUARE BAND UNDER TRUSSEL TREE F.T.M. & M.T.M. MATL. WROT. IRON. Dg No 4790.

FORE T'GALT MAST 4 EYE BAND. MATL. WROT IRON. Dg No 4790.

MAIN T'GALT MAST 5 EYE BAND. Dg No 4790.

MIZEN TOPMAST 1 EYE BAND. Dg No 4790

MIZEN MAST SPIDER BAND. 1 OFF AS DRAWN MIZ M. MATL. WROT IRON. Dg No 4790

HEAD BAND (BISCUIT). 1 OFF AS DRAWN B. MATL. WROT IRON. Dg No 4790

INNER J'BROOM FITTING. 1 OFF AS DRAWN B. MATL. WROT IRON. Dg No 4790

OUTER J'BROOM FITTING. 1 OFF AS DRAWN 'B'. MATL. WROT IRON. Dg No 4790

MIZEN MAST, SPANKER BOOM & GAFF FITTINGS. Dg No 4790.

MIZEN MAST TRUSSEL TREE IRONWORK. 1 OFF AS DRAWN. MIZ. M. Dg No 4790

NOTE! ALL FITTINGS TO BE GALVANIZED.

1 SET OF IRONWORK AS DRAWN FOR SHIP.
1 SET OF IRONWORK LESS ITEMS MARKED F.M., M.M., MIZ.M. FOR SPARES.

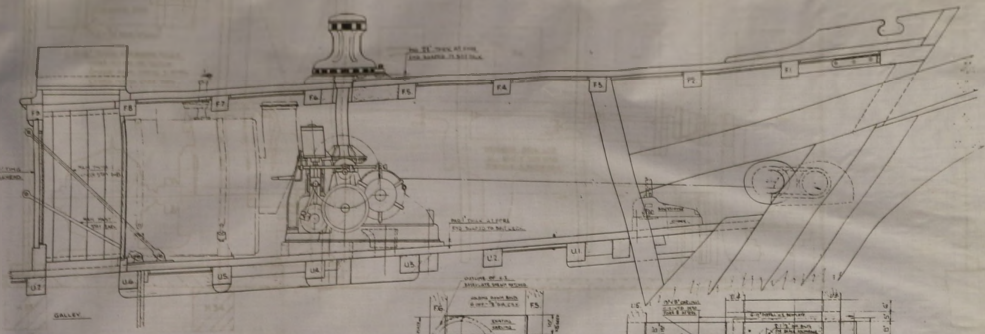
SCALES: 3" = 1'0" & 1" = 1'0"

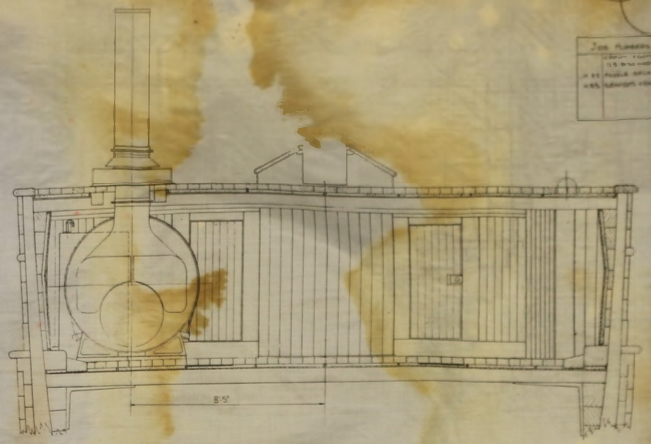
18 8 74

MAST IRONWORK DETAILS.

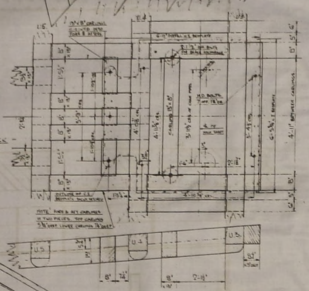
Dg No 4790.

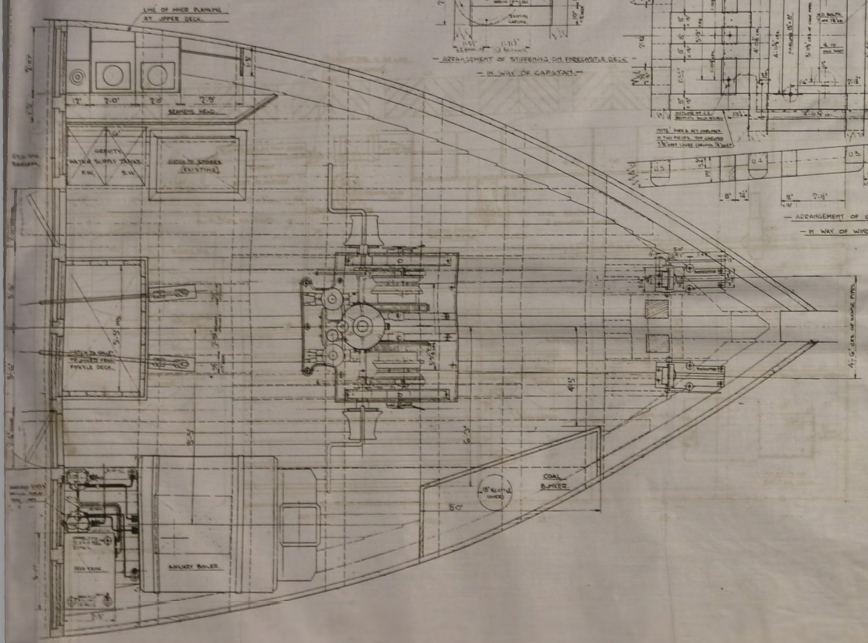
FALKLAND ISLES 1460

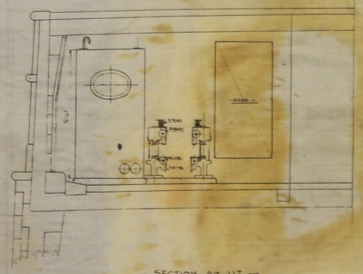








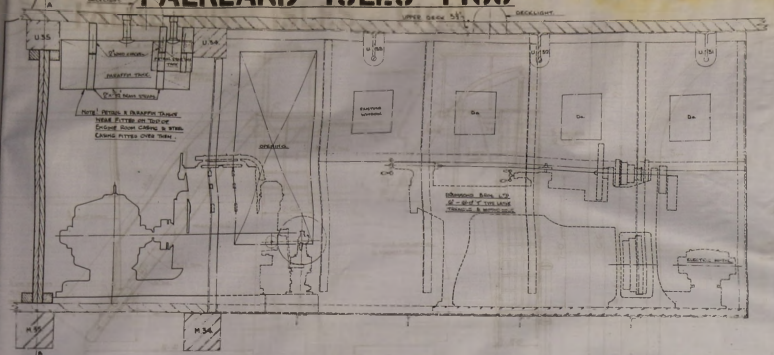


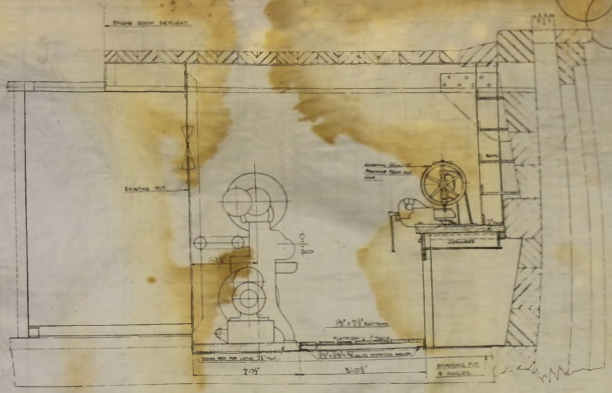


ARRANGEMENT OF FORECASTLE

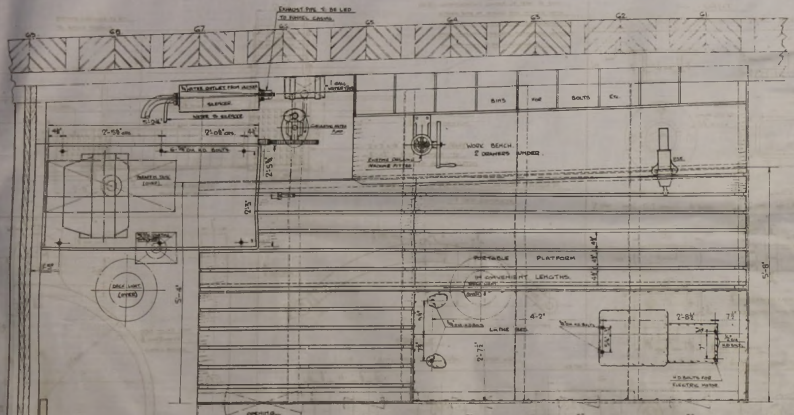
Dg No 4797

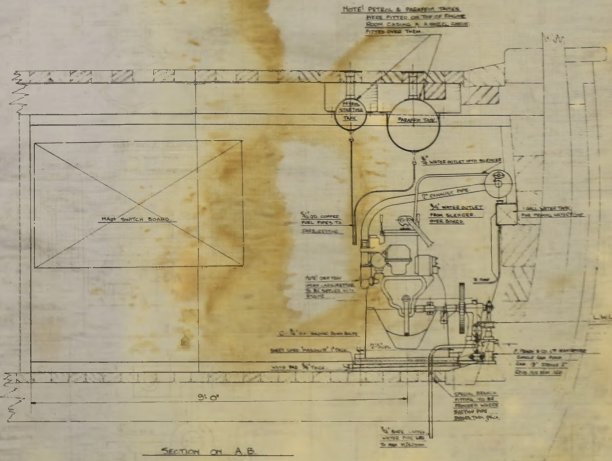
FALKLAND ISLES 1460





SECTION AT FORE END OF WORKSHOP





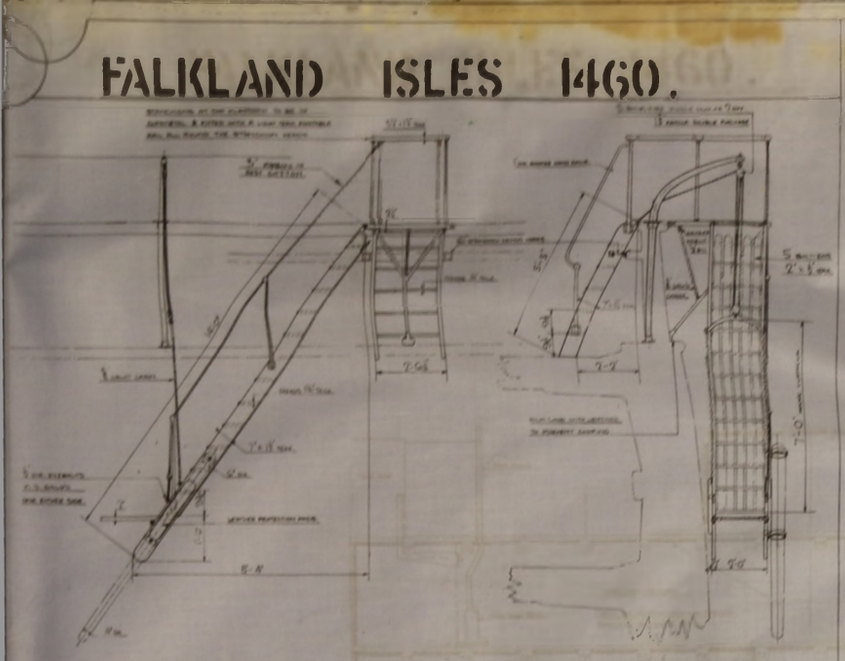
SECTION ON A.B.

ARRGT OF WORKSHOP LATHE & EMERGENCY LIGHTING SET

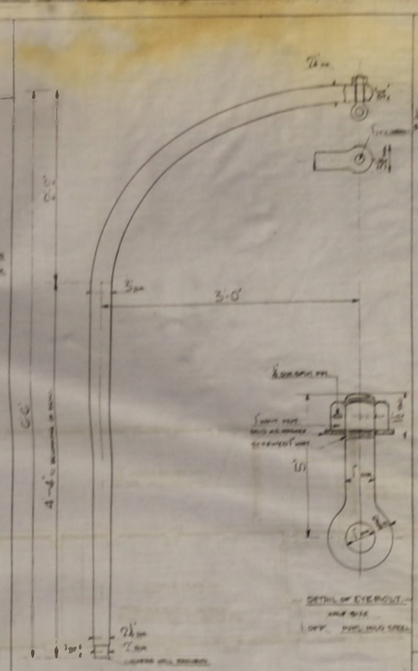
DG No 4500

ISSUE- 1 2 3 4 5

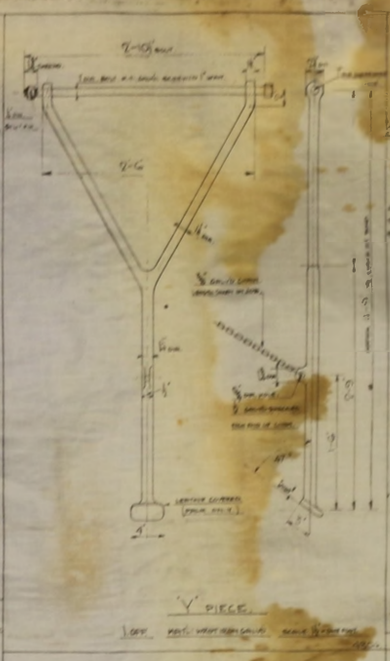
FALKLAND ISLES 1460.



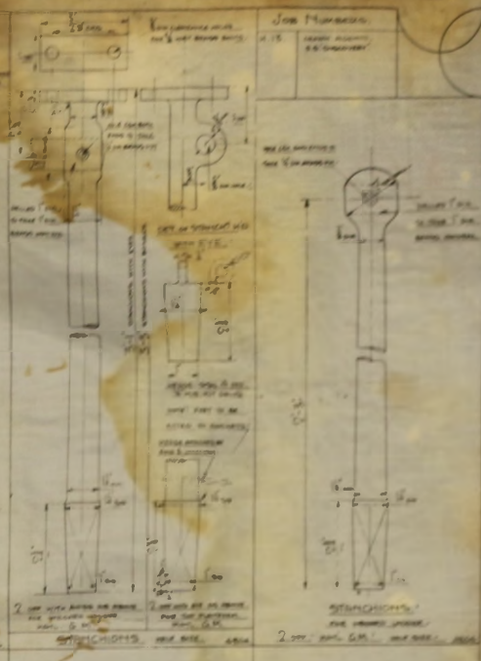
ARRGT OF ACCOMMODATION LADDER



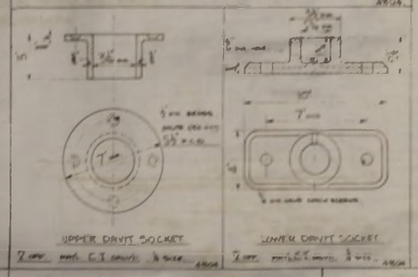
DAVIT



'V' PIECE.

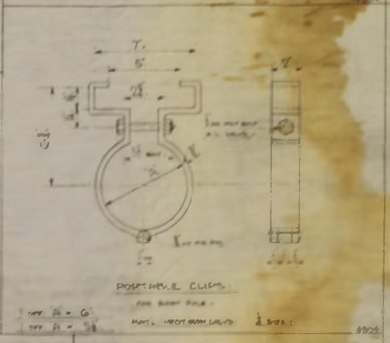


STANCHIONS

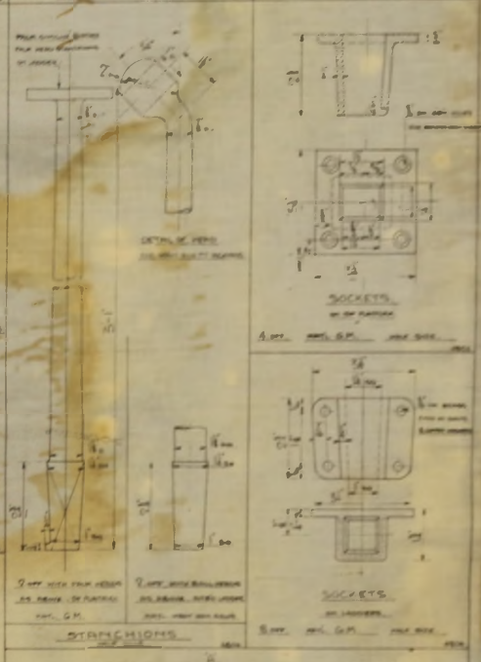


UPPER DAVIT SOCKET

LOWER DAVIT SOCKET

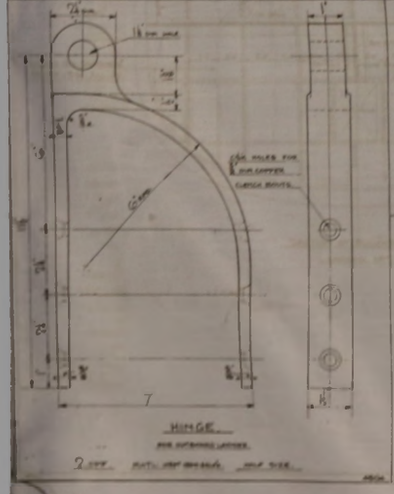


POSITION CLIPS

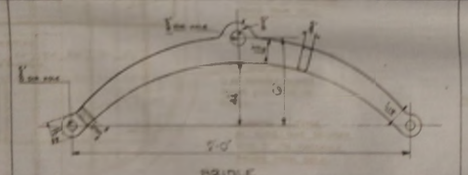


STANCHIONS

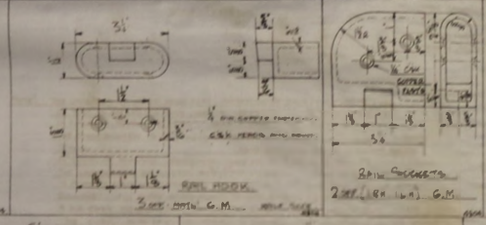
SOCKETS



HINGE

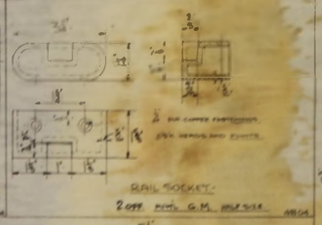


BRIDLE



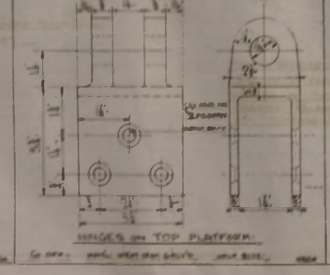
RAIL HOOK

RAIL SOCKETS

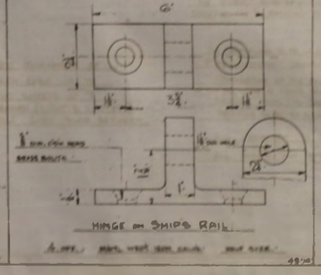


RAIL SOCKET

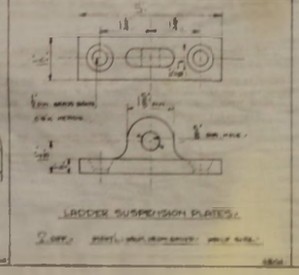
SOCKETS



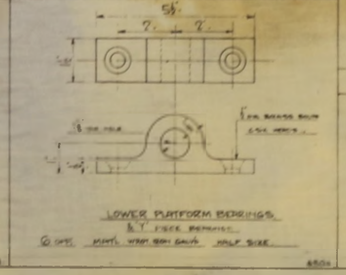
HINGES ON TOP PLATFORM



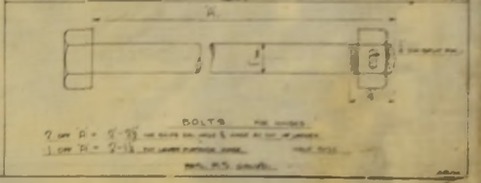
HINGE on SHIPS RAIL



LADDER SUSPENSION PLATES



LOWER PLATFORM BEARINGS



BOLTS

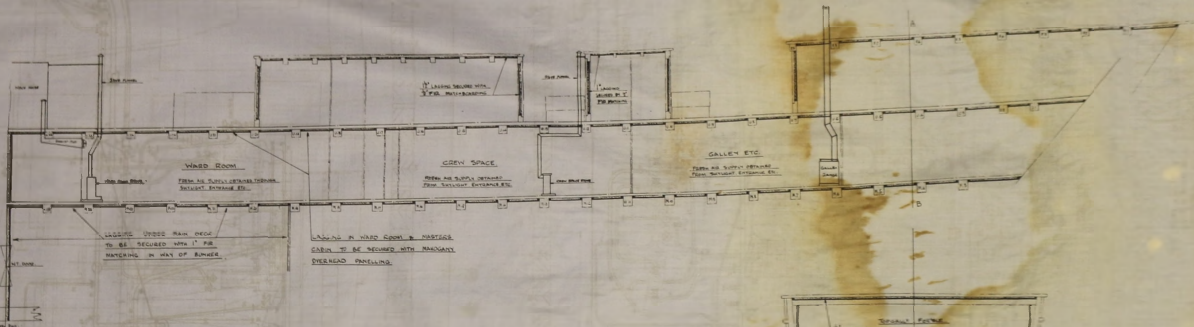
ACCOMMODATION LADDER.

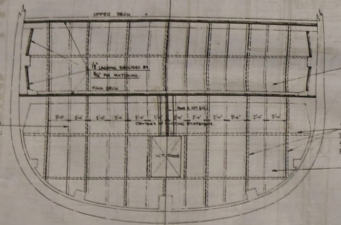
ARRANGEMENT OF HEATING, VENTILATION & LAGGING.

Dg No 4804

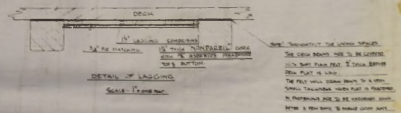
ISSUE - 1 2 3 4 5

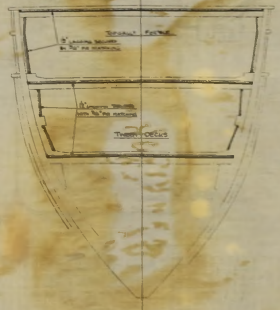
FALKLAND ISLES 1460.





Section at Bulkhead Frame № 80 looking Aft.





Section Thro' A.B.

Note! Specified thickness of lagging in each case is to consist of two sheets of ¼" asbestos millboard (1 top & 1 bottom) with Monsbestos core slab between.

Note! The underside of upper deck flat, underside of main deck flat & sides of ship to be lagged with core & asbestos ½" thick & secured in place by ¾" pib matching. Ends & sides to be lagged similar. The steel bulkhead to be lagged on fore side throughout with core & asbestos ½" thick. Note withdrawn about 1" behind lagging as shown for spacing. Asbestos core slabs ½" thk to be notched round stiffeners & all other projecting fittings. Care to be taken that these do not form metallic connection between the ½" pib matching and the steel. Bulkhead. All joints in the lagging slabs, original thk ½" thick, to be ¼ all other projecting fittings. Care to be taken that these do not form metallic connection between the ½" pib matching and the steel. Bulkhead. All joints in the lagging slabs, original thk ½" thick, to be ¼ all other projecting fittings. Lagged with core ½" thick. The work is to be cut accurately to shape. The joints fitting on the beams should be so formed as to allow the asbestos to be accommodated.

The underside to be lagged with core slab asbestos ½" thick & secured by ¾" pib matching. Deckhouse to be lagged ½" thick & secured by ¾" pib matching.

Ventilation of the engine & boiler spaces & the living spaces to be by means of the ventilators & upper deck hatches & by small open pitch pine fiddle gratings. Fans in engine room & after end of deckhouse & in crew space heating to be by means of suitable ventilating fans with coil heaters.

All woodwork to be secured with screws.

All joints for matchboarding are finished joints.

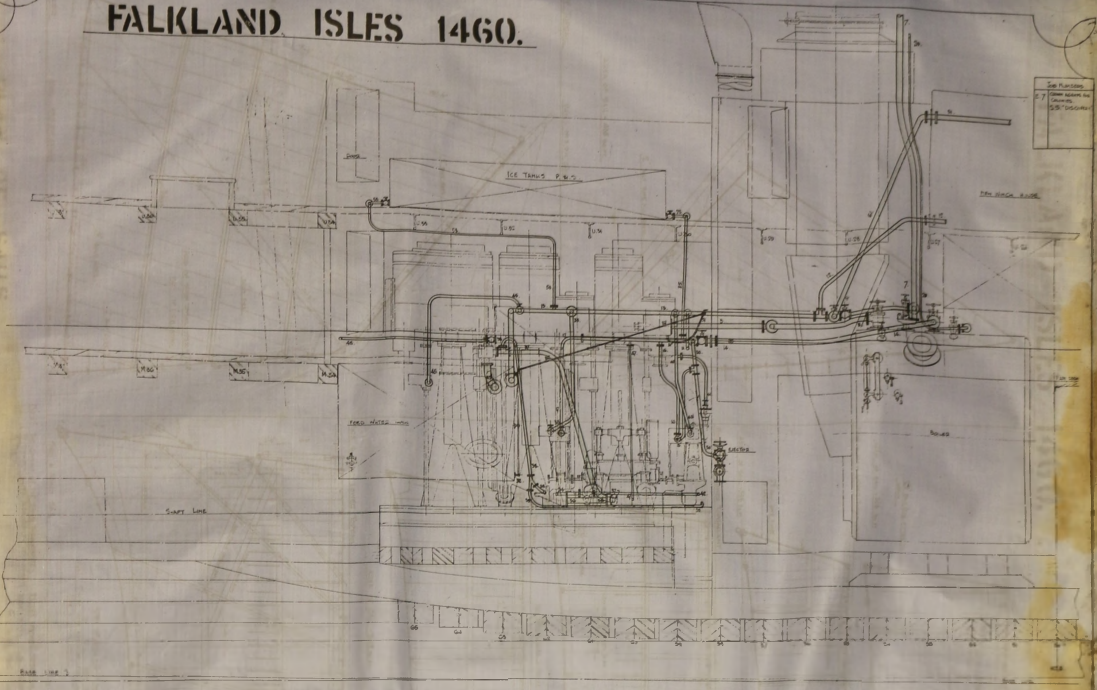
ARRANGEMENT OF HEATING, VENTILATION & LAGGING.

Scale - ¼" = 1'-0"

DGN No 4805

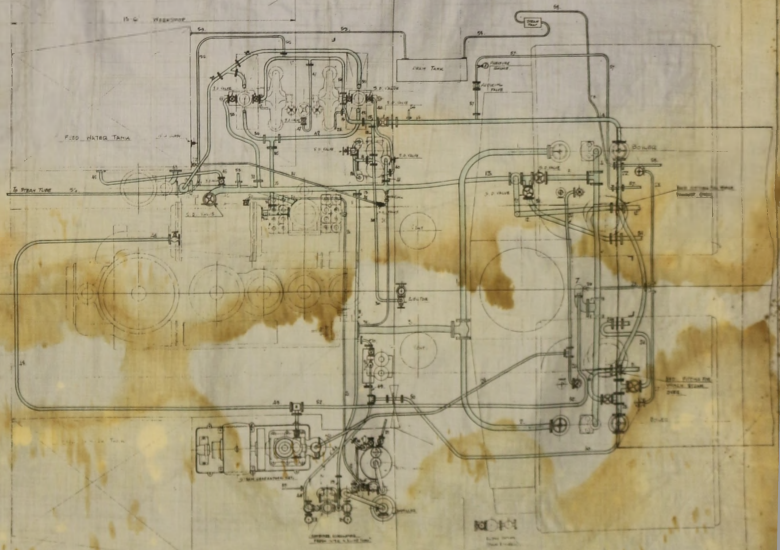
ISSUE - (C)

FALKLAND ISLES 1460.



PIPE CONNECTIONS

DESCRIPTION	MATERIAL	NO	DIA	REMARKS
MAIN STEAM PIPE FROM MAIN BOILER STOP VALVE		1	5"	EXTRA HEAVY PIPE
" " "		2	5"	" " "
" " "		3	4"	" " "
BOOT SCAM TO BRANCH PIECE (PORT BOILER)		4	3½"	" " "
" " "		5	3½"	" " "
SUPERH. BRANCHES		6	3½"	" " "
CONNECTIONS OF SUPERH.		7	3"	" " "
TO CS STEAM DISTRIBUTOR		8	2½"	" " "
STEAM TO WINCH		9	2"	NEW PIPE
EXHAUST FROM FEED REGULATOR		10	1"	NEW PIPE
" " " " " "		11	1¼"	" " "
" " " " " "		12	1½"	" " "
" " " " " "		13	1½"	" " "
ALL OTHER PIPES TO BOILER ON BOARD		14	1"	EXISTING PIPE
BOILERS FROM		15	1"	" " "
SERVICE CIRC PUMP (PORT)		16	1½"	" " "
" " (STBD)		17	1½"	" " "
SPARE SERVICE PUMP		18	1½"	" " "
SERVICE PUMP TO BOILER		19	1½"	NEW PIPE
MAIN FEED PIPING FROM H.P. HEATER		20	1½"	" "
H.P. HEATER FEED PIPE TO BOILER		21	1½"	" "
STEAM TO H.P. HEATER		22	1½"	EXISTING PIPE
" " " "		23	1½"	" " "
BLOW DOWN		24	1½"	" " "
" " " "		25	1½"	" " "
STEAM TO CIRCULATING PUMP (PORT)		26	1½"	NEW PIPE
BOILER TO STEAM CIRCULATING PUMP		27	1½"	NEW PIPE
STEAM TO CIRCULATING PUMP (STBD)		28	1½"	EXISTING PIPE
" " " " (STBD)		29	1½"	" " "
BRANCH PIPE TO WINCH		30	1½"	" " "
EJECTOR STEAM		31	1½"	" " "
OVERFLOW BLOW-OFF		32	1½"	" " "
BOILER TO HOTWELL SURGE AND FEED TANK		33	1½"	" " "
CIRC. TO AUX. SEA VALVE CHAMBER		34	1½"	" " "
" " " "		35	1½"	" " "
" " " "		36	1½"	" " "
MAIN ENGINE FEED SUCTION		37	1½"	" " "
" " " " (STBD)		38	1½"	" " "
AIR VALVE FROM MAIN CONDENSER TO AIR PUMP		39	1½"	" " "
" " " " " "		40	1½"	" " "
FEED SUCTION TO BOILER (PORT)		41	1½"	" " "
" " " " (STBD)		42	1½"	" " "
SEA VALVE TO AUX. SEA VALVE CHAMBER		43	1½"	" " "
OVERFLOW FROM H.P. HEATER		44	1½"	EXISTING PIPE
STEAM TO HEATER FROM P.S. EXHAUST		45	1½"	NEW PIPE
" " " " " "		46	1½"	" " "
STEAM TO WINCH (INJECTOR)		47	1½"	EXISTING PIPE
EXHAUST FROM VERT. CENTRIFUGAL SET (OVERBOARD)		48	1½"	NEW PIPE
STEAM TO FEED (PORT)		49	1½"	" "
SEA VALVE FROM CIRC. PUMP TO CONDENSER		50	1½"	" "
CIRC. FROM CONDENSER TO OVERBOARD		51	1½"	" "
EXHAUST FROM STEAM CIRCULATING SET TO OVERBOARD		52	1½"	" "
AIR VALVE TO AIR PUMP (PORT)		53	1½"	" "
" " " " (STBD)		54	1½"	" "
" " " " (STBD)		55	1½"	" "
" " " "		56	1½"	" "
" " " "		57	1½"	" "
" " " "		58	1½"	" "
" " " "		59	1½"	" "
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" " " "		96	1½"	" "
" " " "		97	1½"	" "
" " " "		98	1½"	" "
" " " "		99	1½"	" "
" " " "		100	1½"	" "

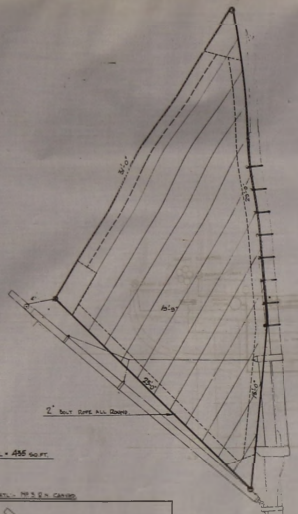


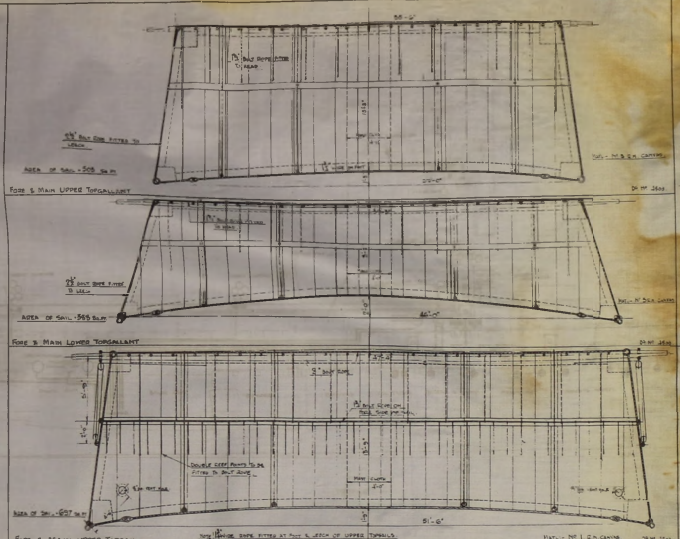
DGNO 4806

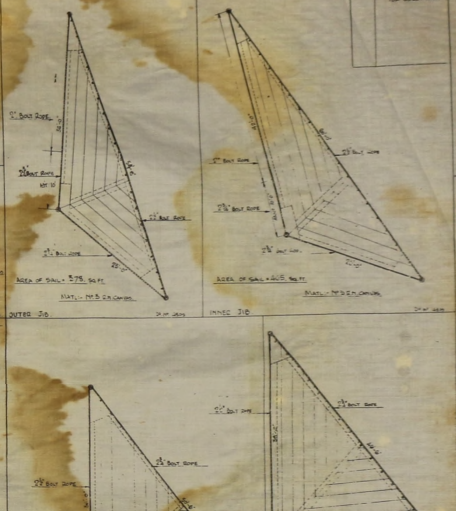
ARRANGEMENT OF PIPING STEAM CONNECTIONS.

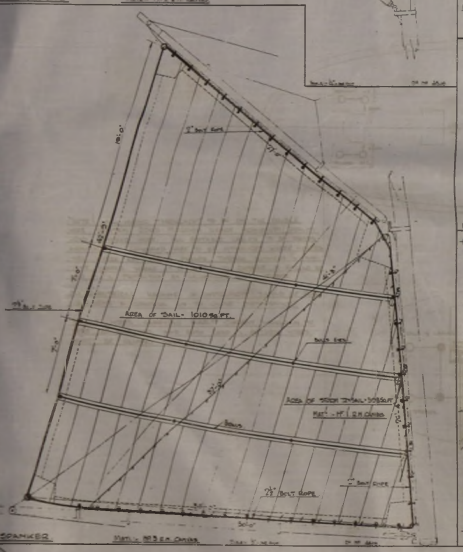
DGNO4806

FALKLAND ISLES 1460.









Note! The cambers of the sails throughout to comply with Admiralty specifications & 10279.

Note:- All sails to be roped with bolt-rope except where noted otherwise. Bolt rope to be of best soft laid hemp rope.

Note! Leather protection to eye to windward. Eyes worked to be reduced. Sails to be hand stitched throughout.

Note:- All bolt rope to be of best soft laid hemp rope. Tyings and all sailing material to be of soft yarn.

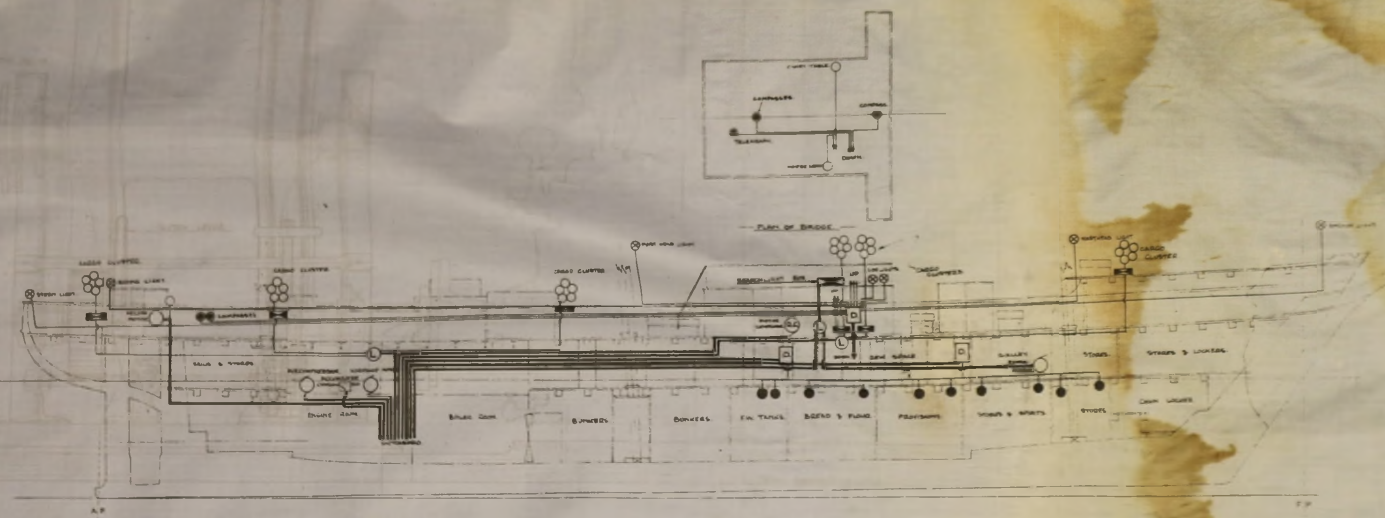
Scales:- 1" = 1 foot

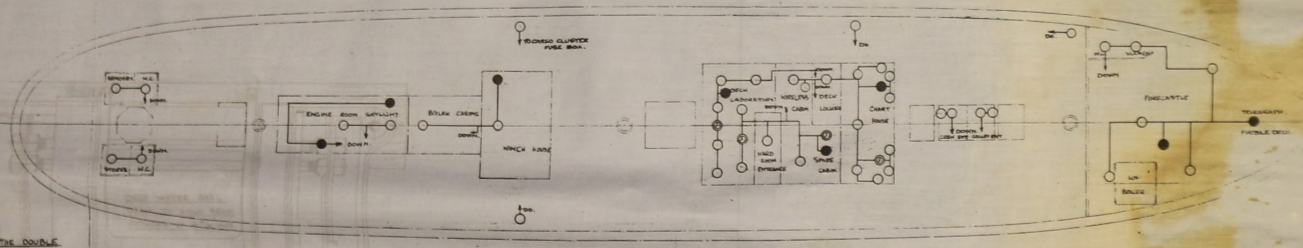
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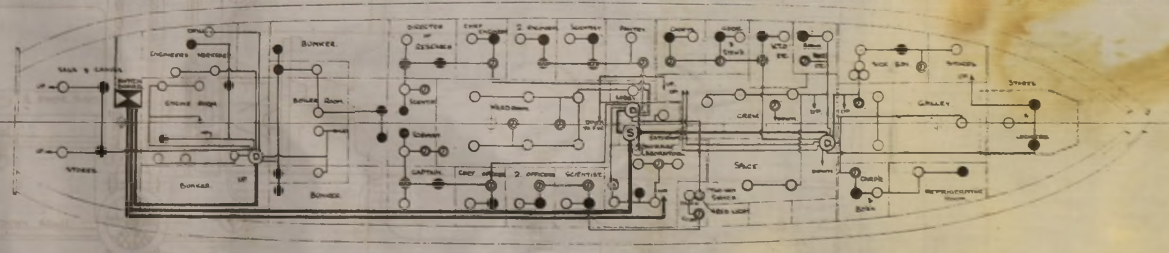
PLAN OF SAILS.

DG Nº 4809

FALKLAND ISLES 1460







ELECTRIC LIGHTS AS LISTED

NAVIGATION LIGHTS (R.G.W.)	⊗
COMPASS & TEL. LIGHTS (R.W.)	●
CABIN LIGHTS ETC (PANEL) (R.W.)	○
CABIN LIGHTS ETC (OVERHEAD) (R.W.)	●
PLUGS FOR FANS	⊘
2 SPECIAL LIGHTS ON BRIDGE	
3 SWITCHBOARD LIGHTS	
7 NAVIGATION LIGHTS	
15 CARGO CLUSTER LIGHTS (3 CLUSTERS)	
6 COMPASS, STEERING GEAR & TELEGRAPH LIGHTS	
7 LIGHTS IN FORECASTLE	
4 ENTRANCE & CREW SPACE LIGHTS	
26 LIGHTS IN MAIN ACCOMMODATION	
9 LIGHTS IN MESS HOUSE	
4 LIGHTS IN ART DEPARTMENTS	
3 LIGHTS IN MAIN STORES & CLIMATE	
13 LIGHTS IN GALLEY, SICK BAY ETC	
18 LIGHTS IN CREW SPACE & CABINS	
37 LIGHTS IN MAIN DECK CASING (ACCOMMODATION ETC)	
10 LIGHTS IN BOILER ROOM & BUNKERS	
5 LIGHTS IN ENGINEERS WORKSHOP	
7 LIGHTS IN ENGINE ROOM	
4 LIGHTS IN STORES & SALOON ETC	
5 LIGHTS IN ENGINE & BOILER CASINGS	
22 PLUGS FOR FANS (15 FANS)	
12 LIGHTS BELOW MAIN DECK	
5 LIGHTS AT RAIL FOR SIGNALLING GEAR	
TOTAL LAMPS 184	

SECTION BOXES	Ⓢ
JUNCTION	Ⓓ
LOOPING	Ⓛ

Note! All wiring throughout to be on the double wire system 2000 Megohm grade Admiralty quality lead covered wire. All portable cables to be braid armoured. Armoured wire to be introduced where necessary where any wiring passes through bunkers & similar danger where it is liable to damage it should be led in & protected by galvanised steel tubes.

No electrical machine or instrument should be placed in a compass as to cause disturbance.

Single wires carrying direct current should in no case be employed, and both lead & return wires must be clipped together.

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5.1.26

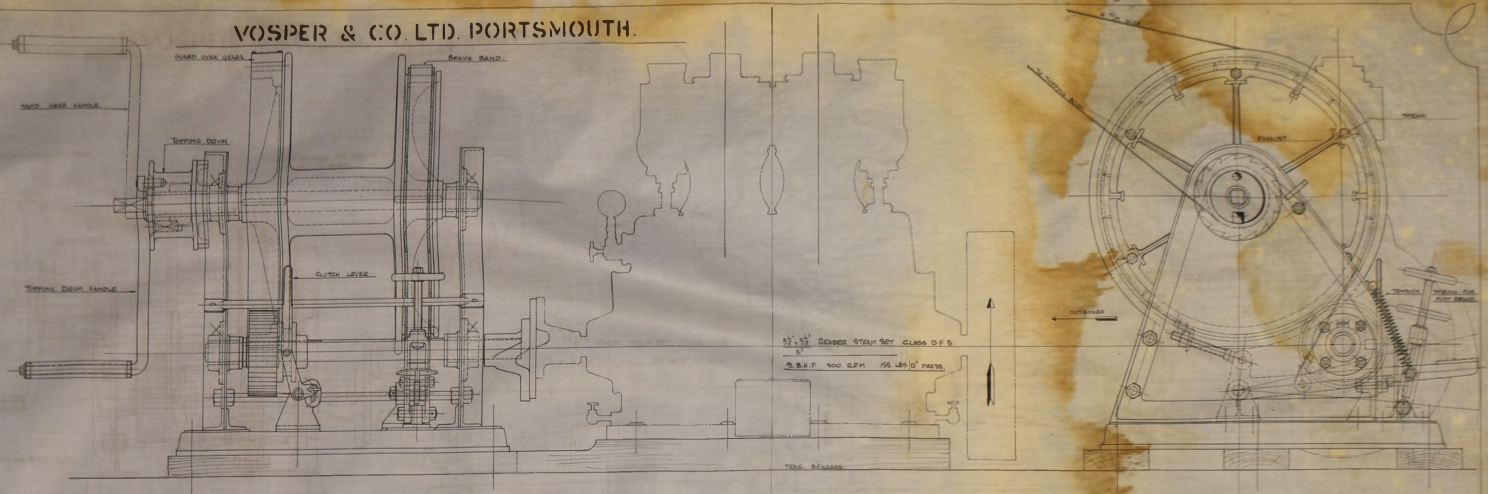
ELECTRIC LIGHT INSTALLATION

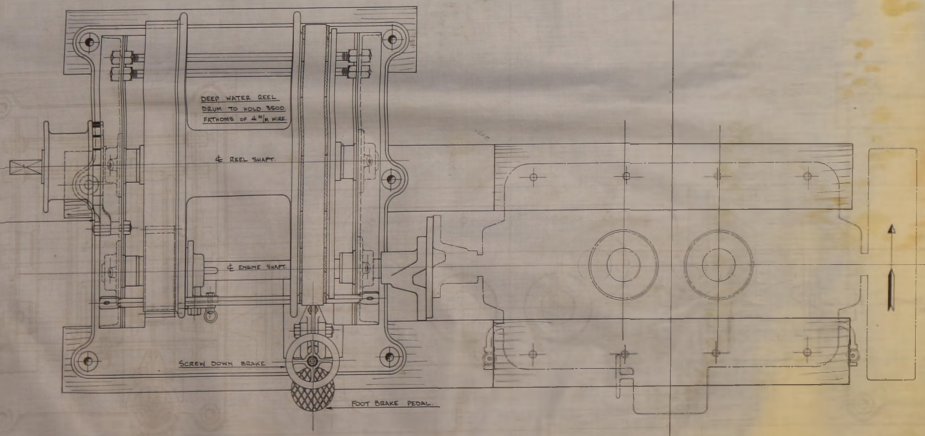
Dg No 4817

ISSUE 1 2 3 4

SCALE [illegible]

VOSPER & CO. LTD. PORTSMOUTH.



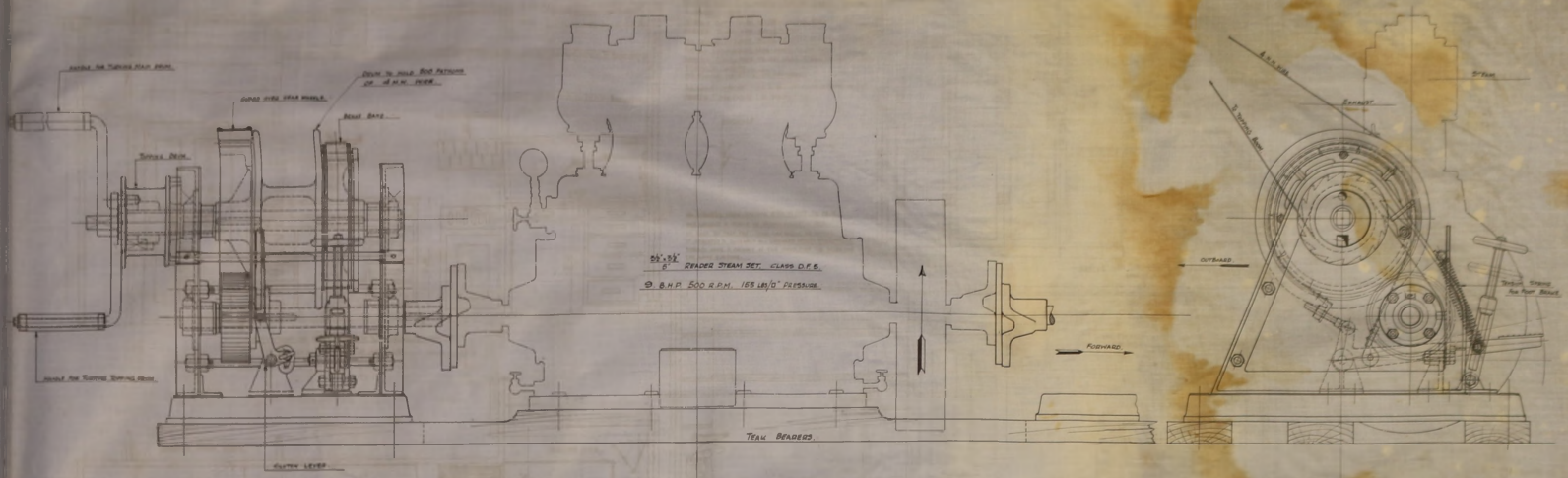


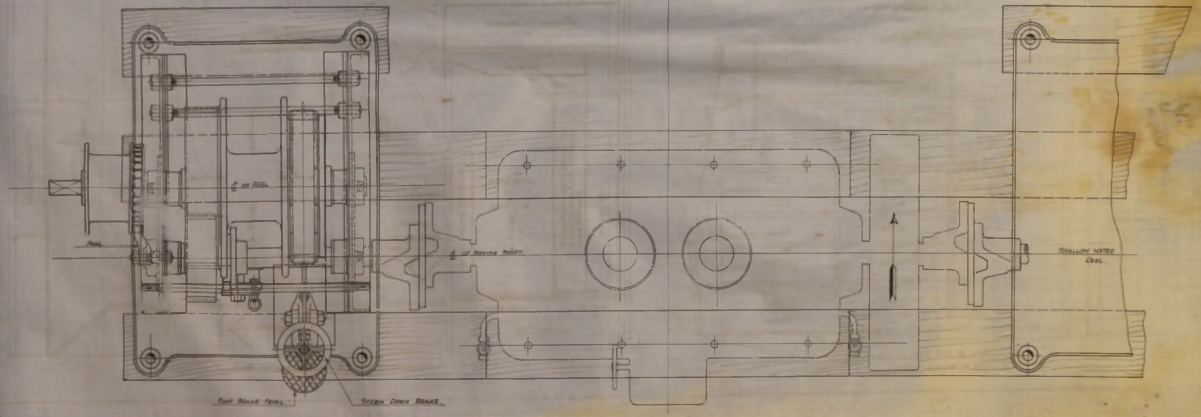
GENERAL ARRANGEMENT OF DEEP WATER REELS.

SCALE - 3" = 1 FOOT

DG No 4973

VOSPER & CO. LTD. PORTSMOUTH.



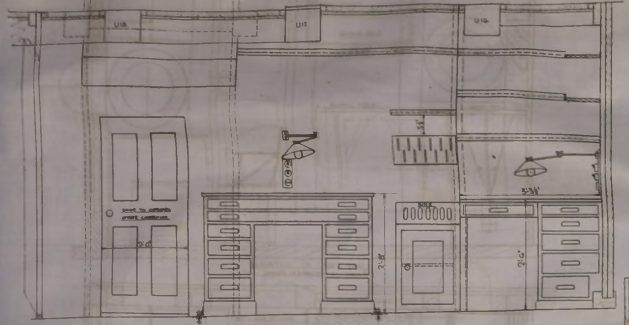


GENERAL ARRANGEMENT OF SHALLOW WATER REELS.

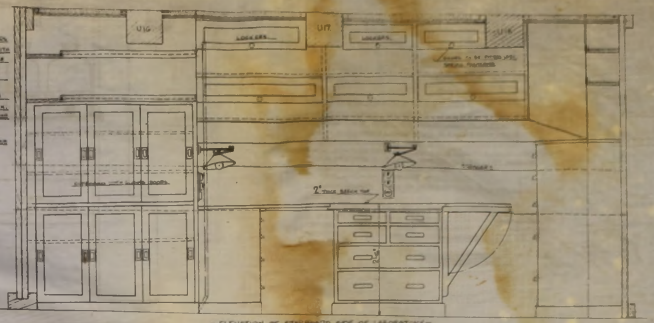
SCALE - ½ FULL SIZE.

DG No. 4979

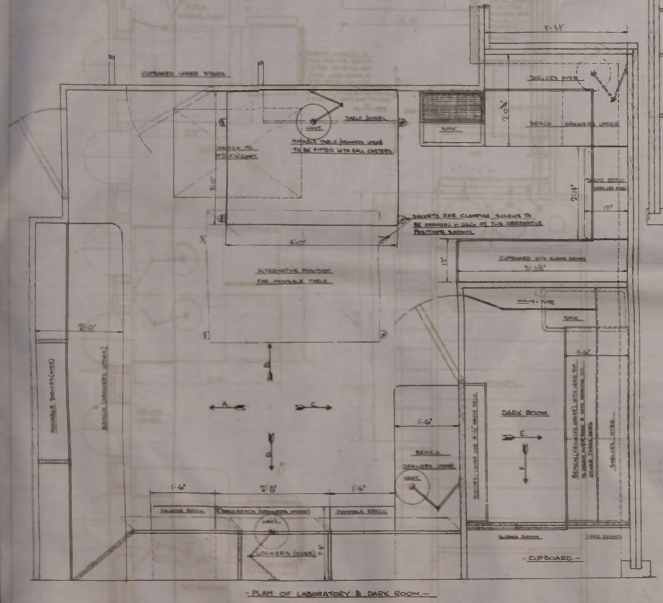
FALKLAND ISLES 1460



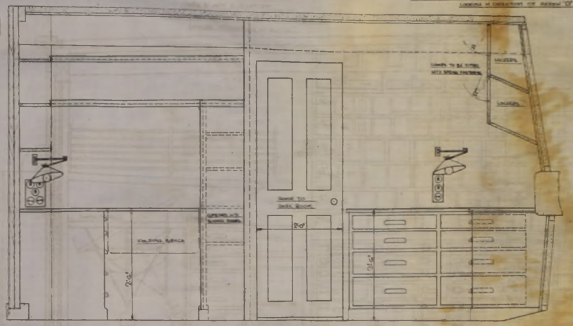
– ELEVATION OF PORT SIDE OF LABORATORY –



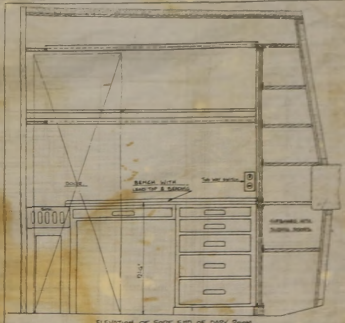
– ELEVATION OF STARBOARD SIDE OF LABORATORY –



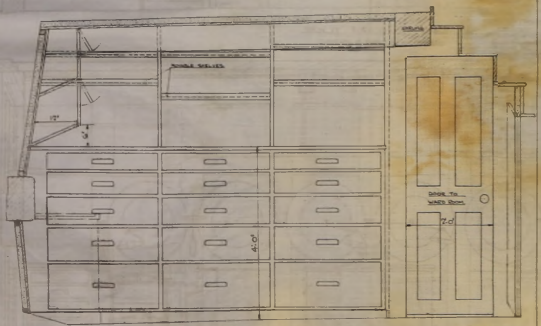
– PLAN OF LABORATORY & DARK ROOM –



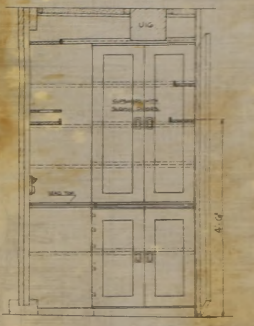
ELEVATION OF FORE END OF LABORATORY



ELEVATION OF FORE END OF DARK ROOM



ELEVATION OF AFT END OF LABORATORY

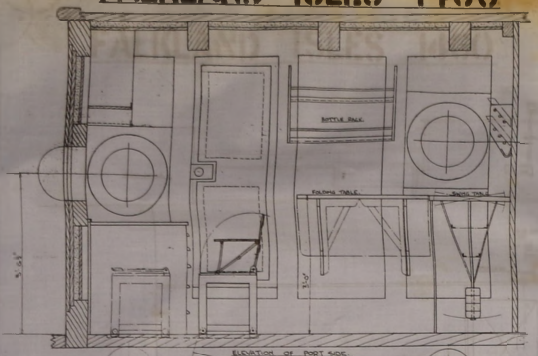


ELEVATION OF STARBOARD SIDE OF DARK ROOM

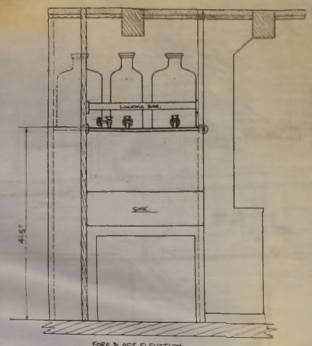
ARRGT OF MAIN DECK LABORATORY & DARK ROOM

Dg No 5013

FALKLAND ISLES 1460



ELEVATION OF PORT SIDE
LOOKING IN DIRECTION OF ARROW B.



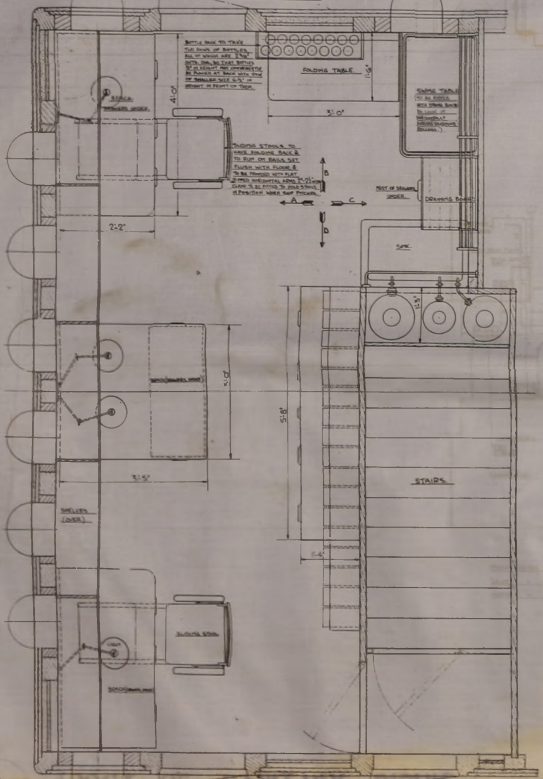
FORE & AFT ELEVATION
SHOWING BOTTLE STORAGE OVER CHANNEL
LOOKING IN DIRECTION OF ARROW D.

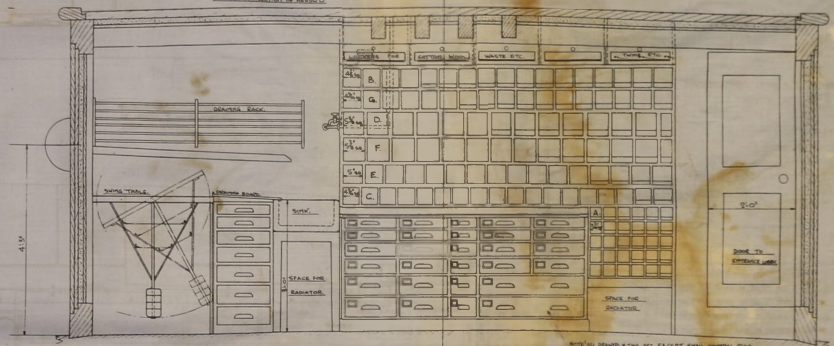
NOTE: ! SAFETY CHANNELS TO BE FITTED TO ALL DRAWERS & LOCKER DOORS, WHICH ARE LIKELY TO OPEN WITH BALLAST OR TOOLS ALL DRAWERS TO BE FITTED WITH BRASS LOCKS, EXCEPTED ON THE BOTTOMS & DRAWERS ON WOOD RACKS & FITTED WITH POSSIBLE EXCEPTIONS, PARTICULARS OF THESE WILL BE SUPPLIED LATER. HANDRAIL RAILS TO BE FITTED TO ALL BENCHES TO PROTECT BOTTLES FALLING OFF. SINKS & SHELF OVER TO BE LEAD LINED. TRAPS, & ALL PIPES CONCEALED. WITHIN FIRM PANELLING. TO BE MADE.

NO FLOOR COVERING IS REQUIRED.

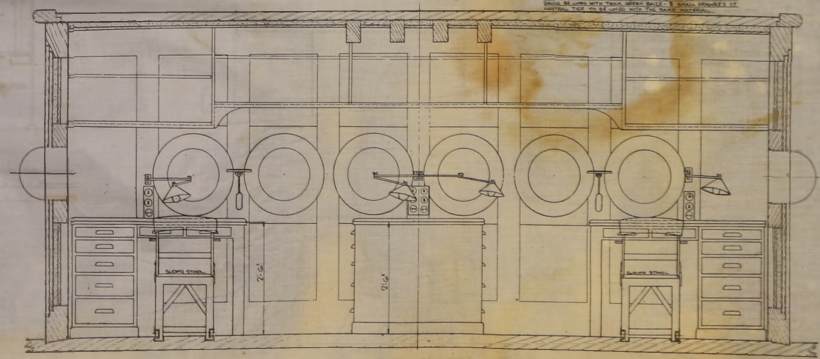
ALL SAFETY, BOTTLE RACKS & ART OF REMOVABLE TRAYS, TO HAVE HANDRAIL TO RUN ALONG THE BACK.

ALL DRAWERS, EXCEPT THOSE SET ON FIXED RACKS, WHICH HOLDING TUBES & ARE TO HAVE LONG HANDLE OF METAL OR WOOD & ONE IN MIDDLE OF BACK, SO THAT IN PASSING ONE COULD BE SEIZED BY EITHER & SIMILARLY ALL DRAWERS HOLDING EXPERIMENTAL TUBES & CHANNELS OF EVERY DESCRIPTION TO HAVE A HANDLE AT EACH END OF THE DRAWER FOR THE SAME PURPOSE.





VIEW OF FORE END OF LABORATORY
LOOKING IN DIRECTION OF ARROW C.



VIEW OF AFT END OF LABORATORY LOOKING IN DIRECTION OF ARROW A.

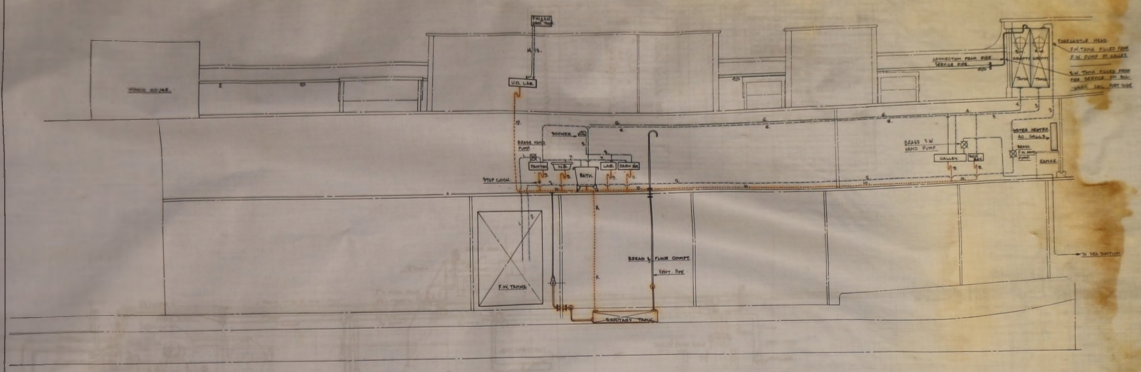
ARRGT OF SANITARY PIPING

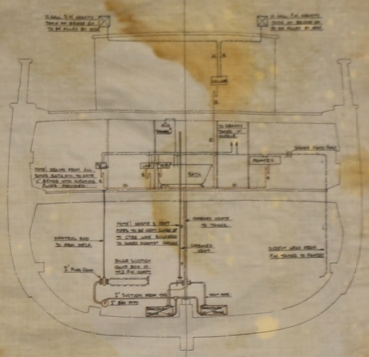
ARRGT OF UPPER DECK LABORATORY

SCALE:- 1" = ONE FOOT

DG NO 5040

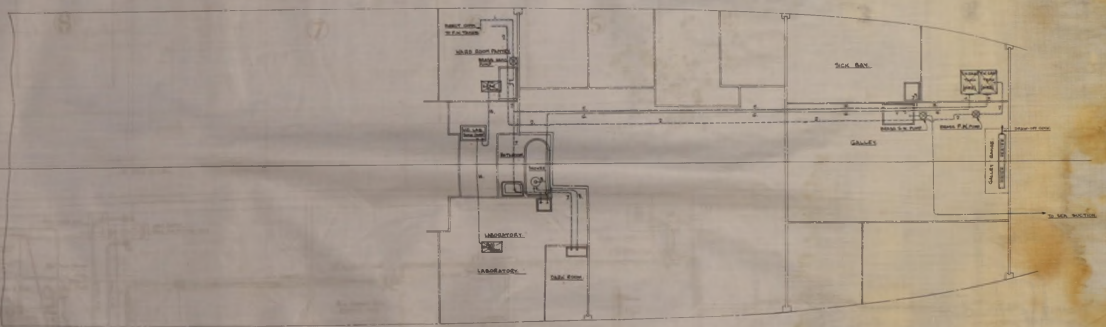
FALKLAND ISLES 1460





SECTION THRU' BRIDGE & FLOOR COMPARTMENT
LOOKING AFT.

NOTE! ALL PIPES & TANKS TO BE LAGGED TO GUARD AGAINST CONDENSATION.



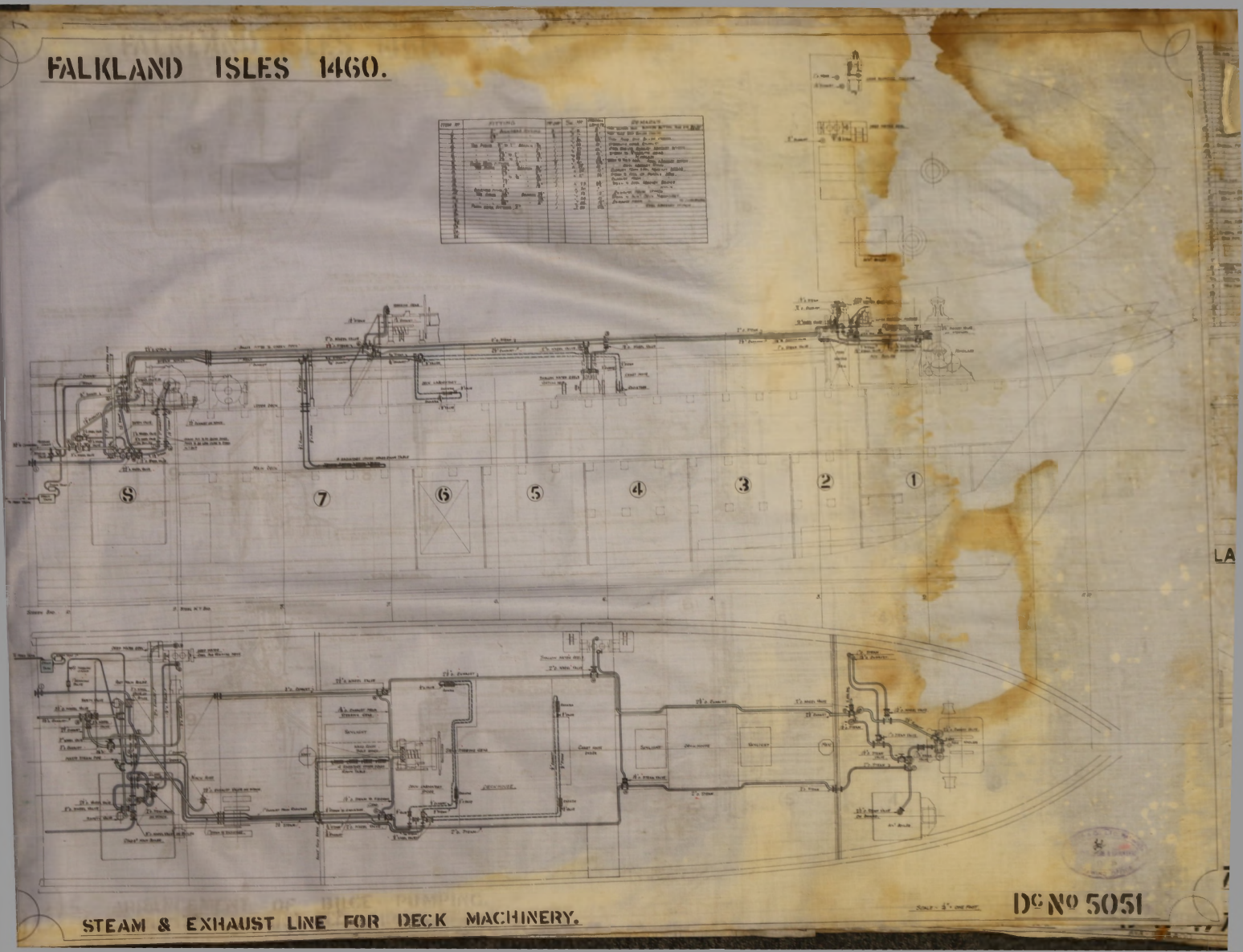
No	DESCRIPTION.	DIA.	MATL.	REMARKS
1	F.W. FROM F.W. TANKS TO PANTRY PUMP	5/8"	GALV. W.I.	
2	F.W. FROM F.W. TANKS TO GALLEY PUMP	1/2"	Do	
3	F.W. FROM GRAVITY TANK TO GALLEY	1 1/2"	Do	
4	S.W. FROM GRAVITY TANK TO GALLEY	1 1/2"	Do	
5	F.W. FROM GALLEY TO BATHROOM	1 1/2"	Do	
6	S.W. FROM GALLEY TO BATHROOM	1 1/2"	Do	
7	F.W. FROM PUMPS TO W.B. ETC.	1"	Do	
8	S.W. FROM PUMPS TO BATH, ETC.	1"	Do	
9	WASTE FROM SINKS	1 1/2"	Do	
10	WASTE MAIN	1 1/2"	Do	
11	WASTE TO SANITARY TANKS	2"	Do	
12	WASTE FROM U/DECK LAB.	1"	Do	
13	F.W. FROM GRAV. TANKS ON BRIDGE	3/8"	Do	
14	S.W. FROM GRAV. TANK ON BRIDGE	3/4"	Do	

SCALE - 1/8" = 1 FOOT

D.C.No 5042

ARRGT OF SANITARY PIPING

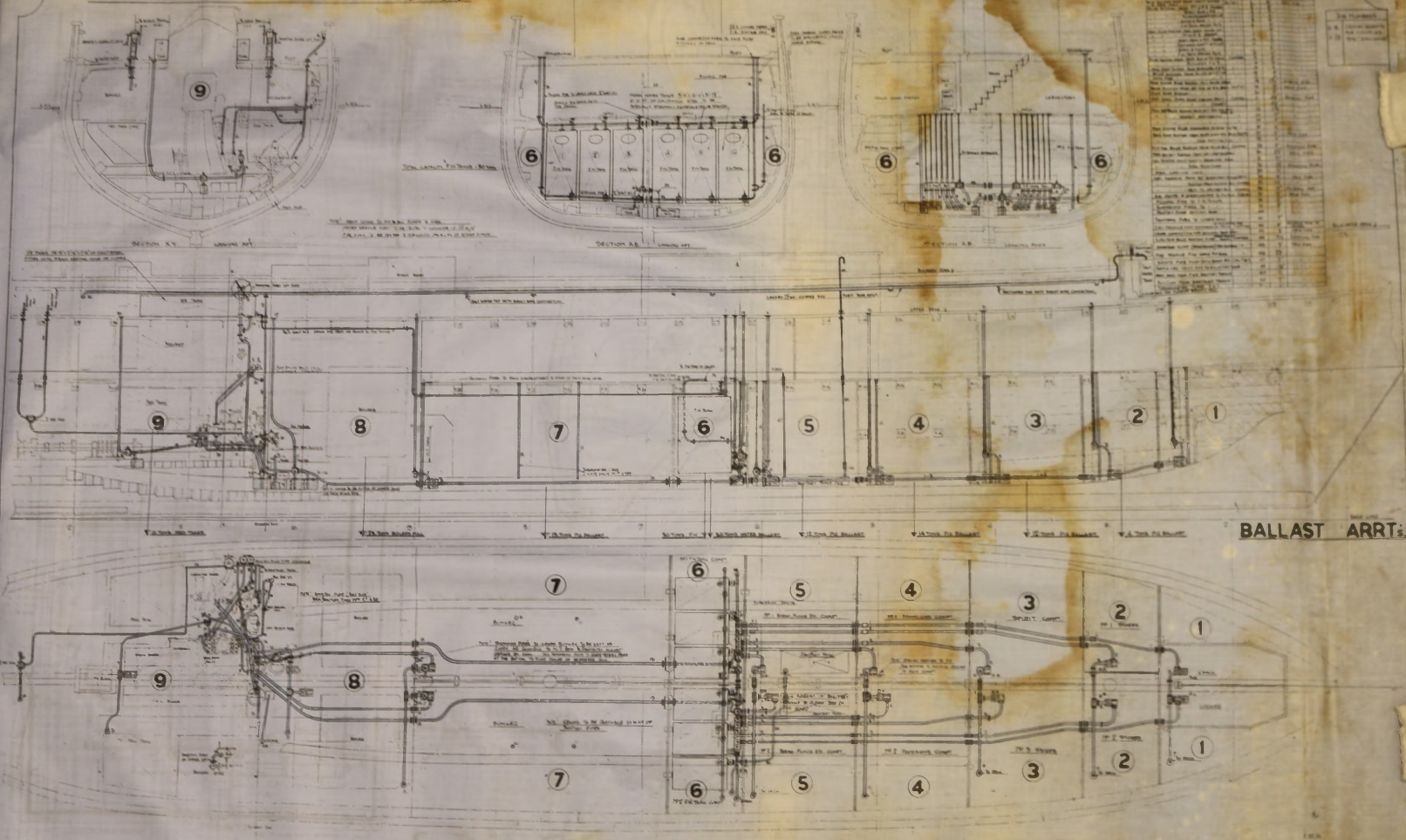
FALKLAND ISLES 1460.



STEAM & EXHAUST LINE FOR DECK MACHINERY.

Dg No 5051

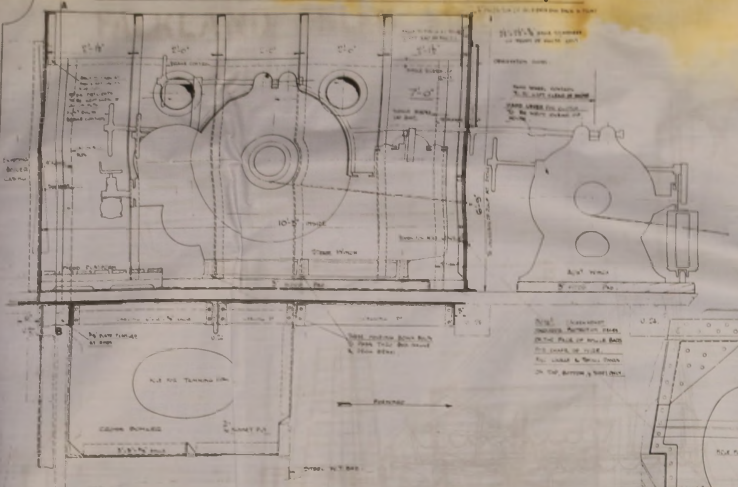
FALKLAND ISLES 1460.

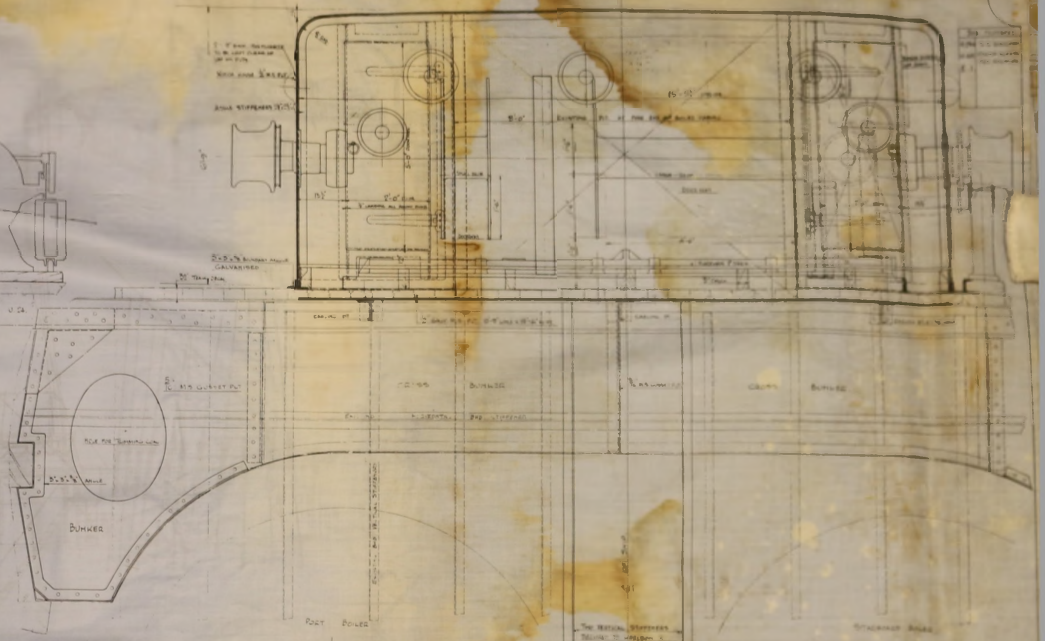


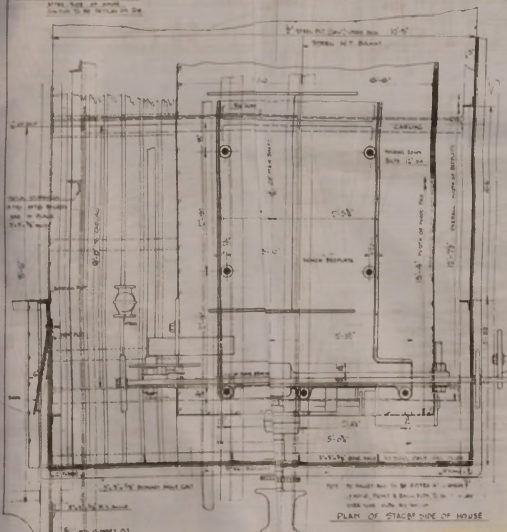
ARRANGEMENT OF BILGE PUMPING.

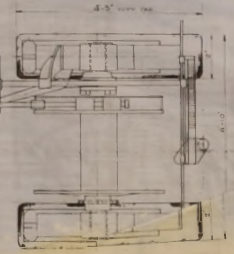
Dg No 4766

FALKLAND ISLES 1460.

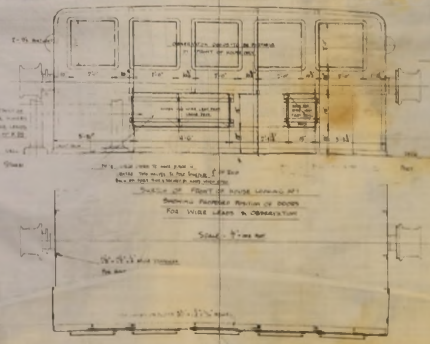








NOTE! DRAWS TO BE FITTED IN POSITIONS FOUND MOST SUITABLE AFTER CONSTRUCTION.

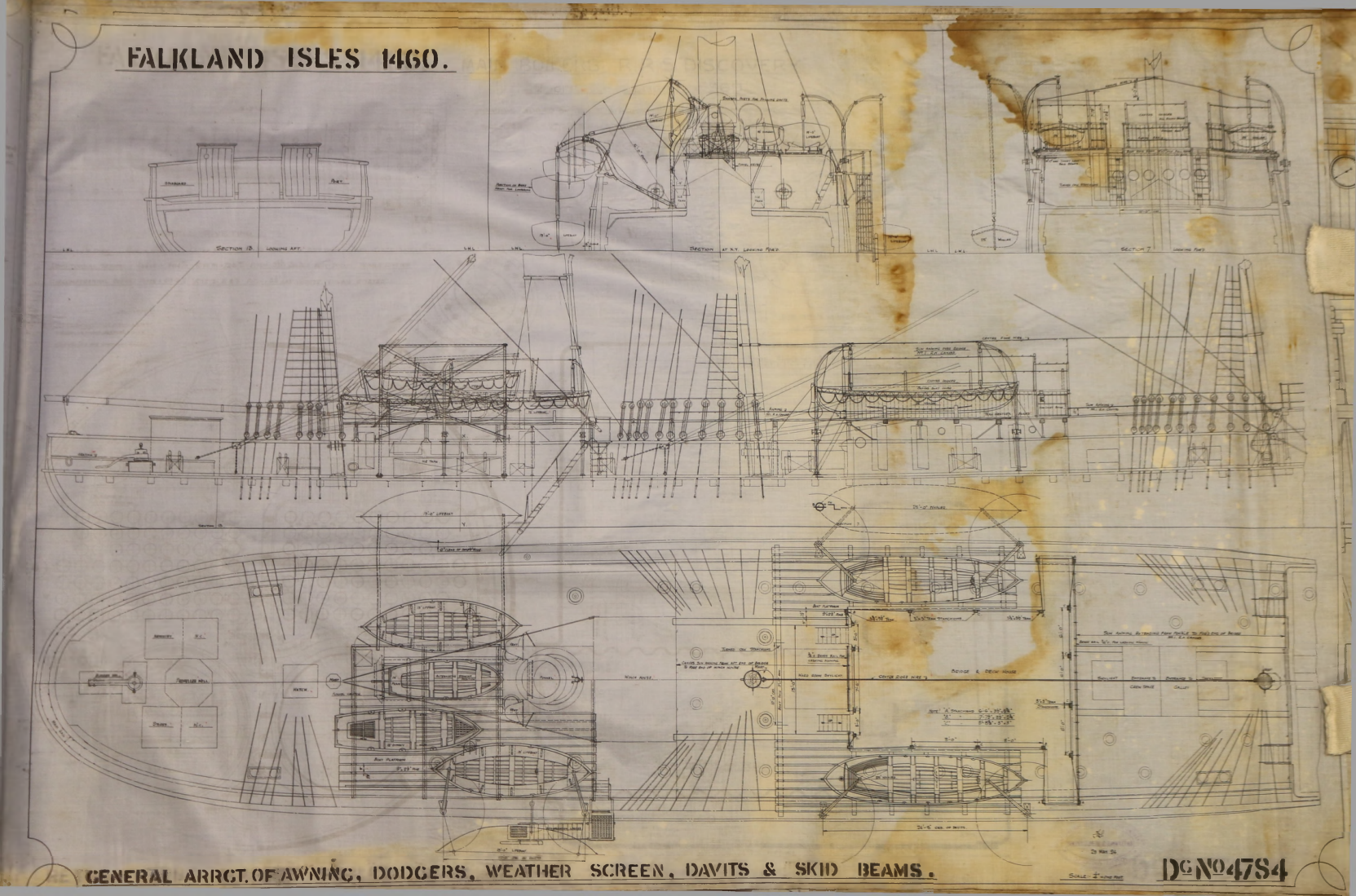




ARRANGEMENT OF WINCH HOUSE & STIFFENING UNDER WINCH.

DG No 4776

FALKLAND ISLES 1460.



GENERAL ARRGT. OF AWNING, DODGERS, WEATHER SCREEN, DAVITS & SKID BEAMS.

DG No 4784

FALKLAND ISLES 1460.

MAIN BOILERS R.R.S. "DISCOVERY"

2 OFF ENGINE No 369

TO PASS BOARD OF TRADE & ADMIRALTY FOR 155 LBS WORKING PRESSURE

SHELL (STEEL) - 27 TONS TENSILE STRENGTH - ALL MATERIAL STEEL. ALL HOLES DRILLED IN PLACE

TESTED TO 310 LBS WATER PRESSURE PER SQ INCH.
BUILT MAY 1900.

TESTED TO 280 LBS PER SQ INCH.
BY VOSPER & CO LTD PORTSMOUTH
OCT. 1924.

SHELL RIVETING

SHELL - 15/16 THICK RIVETS - 1 1/16 DIA CUTTS BUTT STRAP - 15/16 THICK INNER BUTT STRAP - 1 THICK COVER PLATES - 7/8 THICK

LONGITUDINAL SEAMS. PLATE - 80.4% RIVETS - 78.8% PITCH 8 1/2" DOUBLE BUTT STRAPS. TREBLE RIVETED.

CIRCUMFERENTIAL SEAMS PLATE - 65.2% RIVETS - 61.6% PITCH 3 5/8" LAP JOINTED. DOUBLE RIVETED.

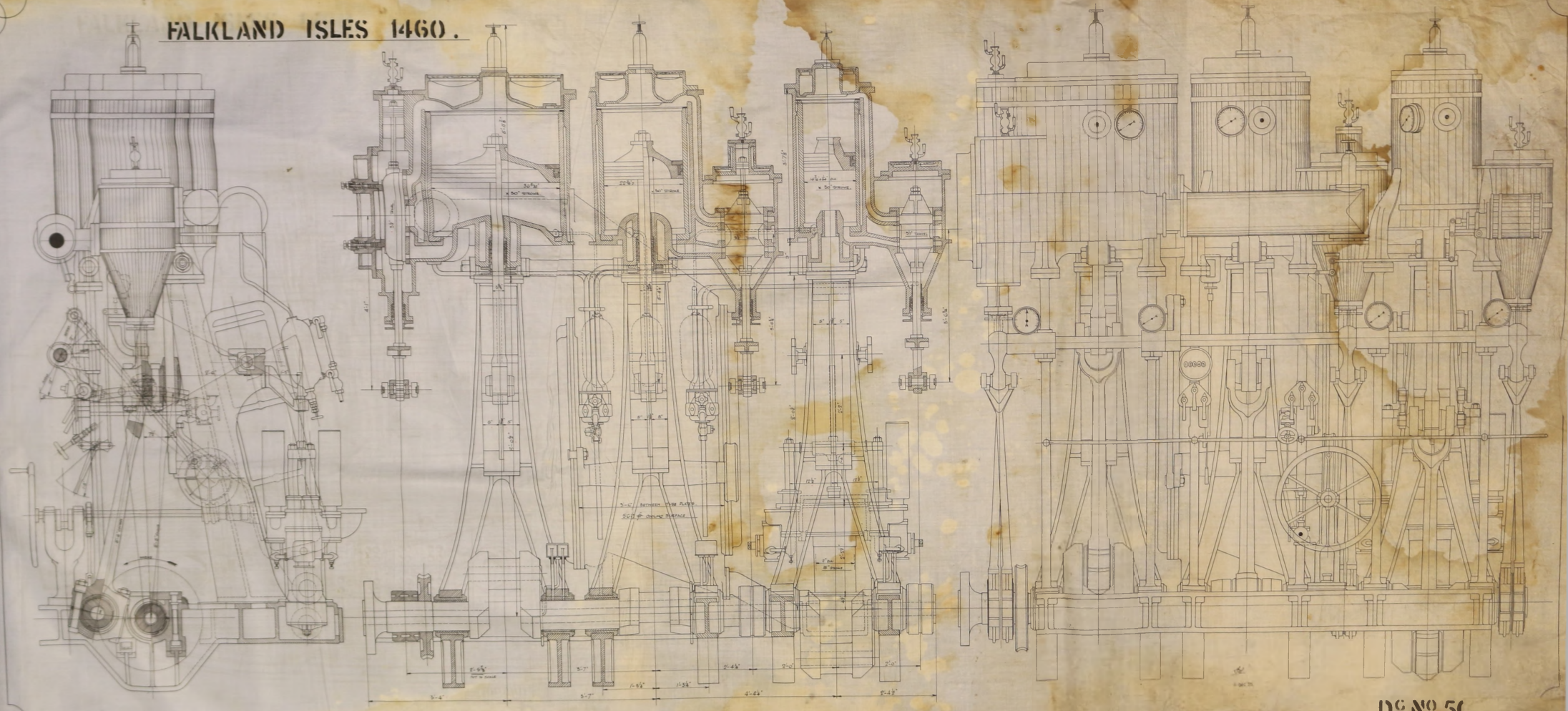
DOG STAYS ON BACK TUBE PLATE

RETURN TUBE MARINE BOILER 10-3 OUT DIA X 9-1 LONG OUTS PLTS.

SCALE - 1/2" = ONE FOOT. DETAILS = FULL SIZE

DG No 5065

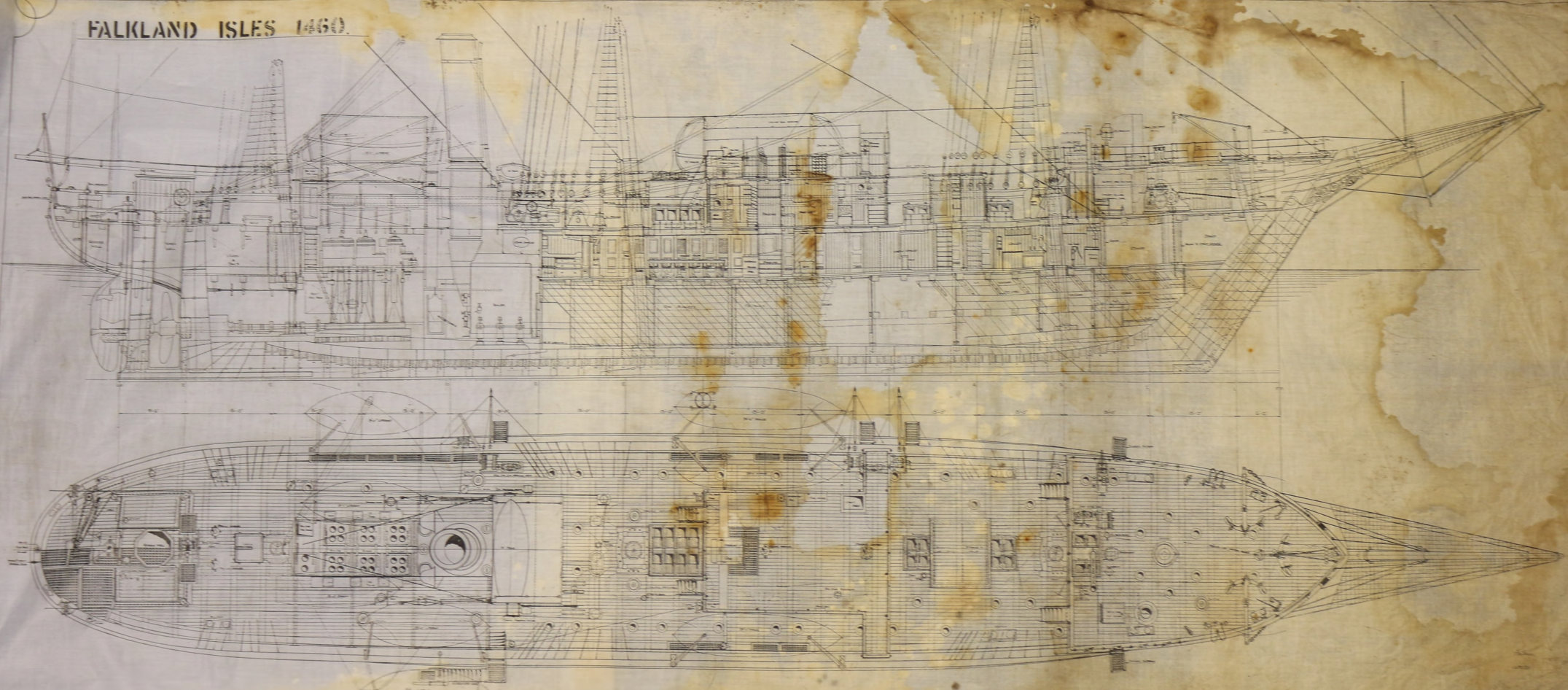
FALKLAND ISLES 1460.



GENERAL ARRANGEMENT OF MAIN ENGINES.

DG No 50

FALKLAND ISLES 1460.



GENERAL ARRANGEMENT OF RRS 'DISCOVERY'. PROFILE, UPPER DECK & FORECASTLE DECK.

Dg No 4794

FALKLAND ISLES 1460.

TABLE OF SIZES.

ITEM	DESCRIPTION	SIZE	REMARKS
1.	UPPER TOPGALLANT LIFT.	2" WIRE	SET UP WITH HEMP LANYARDS TO STROP ON MAST.
2.	" TOPSAIL LIFT.	2½" "	— DITTO —
3.	UPPER TOPGALLANT FOOT ROPES	2" F.S.W.R	FLEMISH HORSES FITTED TO ALL YARDS.
4.	LOWER " " "	2" "	— DITTO —
5.	UPPER TOPSAIL " "	2" "	— DITTO —
6.	LOWER " " "	2" "	— DITTO —
7.	FORE & MAIN YARD " "	2" "	DITTO
8.	UPPER TOPGALLANT SHEETS	½" DIA: CHAIN.	25'-0" EACH SIDE
9.	LOWER " "	[illegible]	[illegible]
10.	UPPER TOPSAIL SHEETS	5/8" DIA CHAIN	[illegible]
11.	LOWER TOPSAIL SHEETS	9/16" DIA: CHAIN	22'-0"
12.	LOWER TOPGALLANT CLEWLINES	1¾" "	25'-0" PURCHASE BLOCK TO BE 60' ABOVE FIFE RAIL WHEN [illegible]
13.	LOWER TOPSAIL CLEWLINES	2" "	
14.	CLEW GARNETS	2¾" MANILLA	GUN TACKLE PURCHASE
15.	UPPER TOPGALLANT BUNT LINES	2½" "	4 IN NO
16.	GASKETS	1½" "	ONE LONG LANYARD FOR CLEW AND BALL & FIVE SHORT ONES TO EACH SIDE OF SAIL
17.	LOWER TOPGALLANT BUNTLINES	2½" "	4 IN NO
18.	UPPER TOPSAIL BUNTLINES	2½" "	4 IN NO
19.	LOWER TOPSAIL BUNT LINES	2½" "	4 IN NO
20.	FORE & MAIN BUNTLINES	2¾" "	TO BE DOUBLE
21.	" " LEECHLINES	2½" "	DOUBLE LEECHLINES ON EACH SIDE
22.	UPPER TOPGALLANT DOWNHAUL	1¾" F.S.W.R	
23.	UPPER TOPSAIL DOWNHAUL	2" "	
24.	UPPER TOPGALLANT BRACE	2" "	
25.	LOWER TOPGALLANT BRACE	2" "	
26.	UPPER TOPSAIL BRACE PURCHASE	2¾" MANILLA	
27.	LOWER " "	2¾" "	
28.	FORE & MAIN YARD " "	3" "	[illegible]
29.	UPPER TOPGALLANT BRACE WHIP	2½" "	
30.	LOWER " "	2½" "	
31.	UPPER TOPSAIL BRACE PENNANT	2¼" F.S.W.R	
32.	LOWER " "	2¼" "	
33.	FORE & MAIN YARD " "	2¾" "	
34.	UPPER TOPGALLANT HALY'D RUNNER	2½" F.S.W.R	LENGTH OF CHAIN 18'-0" SIZE " " ⅝" DIA
35.	UPPER TOPSAIL " "	3" "	LENGTH OF CHAIN 22'-0" SIZE " " ¾" DIA
36.	UPPER TOPGALLANT HALY'D PURCH.	3" MANILLA	THREE FOLD PURCHASE
37.	UPPER TOPSAIL " "	3½" "	" "
38.	GAFF TOPSAIL DOWNHAUL	2½" MANILLA	
39.	" " HALYARD	1¾" F.S.W.R	WIRE RUNNER TO BE 40'-0" ABOVE DECK WHEN MAST IS SET
40.	" " HALYARD WHIP	2" MANILLA	
41.	SPANKER BRAILS	2" "	BRAILS TO BE DOUBLED
42.	FOOT ROPE STIRRUPS	2" F.S.W.R	
43.	SPANKER VANGS	2" "	
44.	SPANKER VANGS PURCHASE	2½" MANILLA	RUNNER TO BE 20'-0" ABOVE DECK WHEN GAFF IS ASCENDING
45.	SPANKER BOOM SHEET	3" "	THREE FOLD PURCHASE WITH SWIVEL BLOCKS.
46.	SPANKER FOOT OUTHAUL	2" F.S.W.R	LENGTH OF CHAIN 8'-0" SIZE " " ⅝" DIA
47.	GAFF TOPSAIL SHEET	1¾" F.S.W.R	LENGTH OF CHAIN 8'-0" SIZE " " ½" DIA
48.	SPANKER BOOM LIFT	2" F.S.W.R	
49.	SPANKER " PURCHASE	2" MANILLA	LUFF TACKLE
50.	SPANKER HEAD OVERHAUL	2" F.S.W.R	LENGTH OF CHAIN 8'-0" SIZE " " ½" DIA

ITEM	DESCRIPTION	SIZE	REMARKS
51.	OUTER JIB SHEET	2" F.S.W.R.	DOUBLE SHEETS
52.	INNER JIB SHEET	2" F.S.W.R.	Do Do
53.	FORE TOPMAST STAYSAIL SHEETS	2½" "	Do Do
54.	MAIN TOPMAST UPPER STAYSAIL SHEET	2" "	
55.	" " LOWER " "	2" "	
56.	MIZEN " STAYSAIL SHEET	2" "	
57.	JIB & STAYSAIL PURCHASES	2½" DOUBLE MANILLA	NOTE 3" MANILLA FOR FORE TOPMAST STAYSAIL.
58.	FORE & MAIN LIFT	2½" F.S.W.R	
59.	FORE & MAIN LIFT PURCHASES	2½" MANILLA	LUFF TACKLE
60.	GAFF TOPSAIL TACK	1¾" F.S.W.R	6' OF ½" CHAIN FROM TACK OF SAIL
61.	FORE & MAIN TACK TACKLES	3" MANILLA	THREE FOLD PURCHASE CHAIN TAIL TO BE FITTED ON [illegible]
62.	FORE SHEET MAIN SHEET	DOUBLE 2" F.S.W.R SINGLE 2½ "	
63.	SPANKER HEAD INHAUL	2½" MANILLA	
64.	SPANKER BOOM GUYS	2" F.S.W.R	TO BE FITTED WITH CLIP HOOKS TO CONNECT WITH BOOM IN WAY OF SHEET BAND
65.	GAFF TOPSAIL TACK WHIP	2" MANILLA	
66.	MIZEN STAYSAIL HALYARD	2" F.S.W.R.	2½" MANILLA WHIP NOT SHOWN ON DRAWING
67.	MIZEN " DOWNHAUL	2½" MANILLA	
68.	MIZEN " TACK PENNANT	2" "	GUN TACKLE PURCHASE
69.	OUTER JIB " "	2" "	Do
70.	INNER JIB " "	2" "	Do
71.	FORE TOPMAST STAYSAIL "	2" "	Do
72.	OUTER JIB HALYARD	1¾" F.S.W.R	2½" MANILLA WHIP NOT SHOWN ON DRAWING
73.	INNER JIB "	1¾" "	"
74.	FORE TOPMAST STAYSAIL "	2½" "	"
75.	OUTER JIB DOWNHAUL	2½" MANILLA	
76.	INNER JIB "	2½" "	
77.	FORE TOPMAST STAYSAIL "	2" "	
78.	MAIN UPPER STAYSAIL HALYARD	1¾" F.S.W.R	2" MANILLA WHIP NOT SHOWN ON DRAWING
79.	" LOWER " "	1¾" "	"
80.	" UPPER " TACK PENNANT	2" MANILLA	GUN TACKLE PURCHASE
81.	" LOWER " " "	2" "	DITTO
82.	" UPPER " DOWNHAUL	2½" MANILLA	
83.	" LOWER " "	2½" "	
84.	PREVENTER SHEETS (ITEM 8)	2½" F.S.W.R	
86.	" " (ITEM 10)	2½" "	
86.	SPANKER FOOT OUTHAUL WHIP	2¾" MANILLA.	
87.	SPANKER HEAD OVERHAUL PURCHASE	2½" "	SINGLE WHIP PURCHASE NOT SHOWN ON DG
88.	UPPER TOPSAIL BRACE RUNNER	2" F.S.W.R	
89.	LOWER " " "	2" "	
90.	UPPER TOPGALLANT SHEET PURCH.	2½" MANILLA.	LUFF TACKLE
91.	UPPER TOPSAIL " "	3" MANILLA	Dc
92.	LOWER " " "	3" "	Dc
93.	LOWER TOPGALLT CLEWLINE WHIP	2¾" "	SINGLE WHIP NOT SHOWN ON DRAWING
94.	LOWER TOPSAIL "	3" "	
95.	UPPER TOPGALLT DOWNHAUL WHIP	2½" "	
96.	UPPER TOPSAIL " " "	3" "	NOT SHOWN ON DRAWING
97.	LOWER TOPGALLT SHEET PURCH.	2¾" "	LUFF TACKLE PURCHASE WITH 4 SHEAVE BLOCK ON DECK OR TWO FOLD PURCHASE. NOT SHOWN ON DG
98.	FORE & MAIN MAST SLING	1⅝" DIA: CHAIN	
99.	GAFF TOPSAIL SHEET WHIP	2" MANILLA	NOT SHOWN ON DG
100.	BOWSPRIT & JIBBOOM FOOTROPES	2" F.S.W.R	
101	REEF TACKLES	2½" MANILLA	LUFF TACKLE PURCHASE
102	LIZARDS	2" F.S.W.R	
103	BOWLINE CRINGLE BRIDLE	2" "	
104	BOWLINES	2½" MANILLA	GUN TACKLE PURCHASE
105			

FLY TO DG NO 4795

FALKLAND ISLES 1460.

SAIL PLAN &
RIGGING

