



**S.S. N<sup>os</sup> 425 - 6**  
**CAST STEEL STERNFRAME**  
**AND**  
**STREAMLINE RUDDER.**

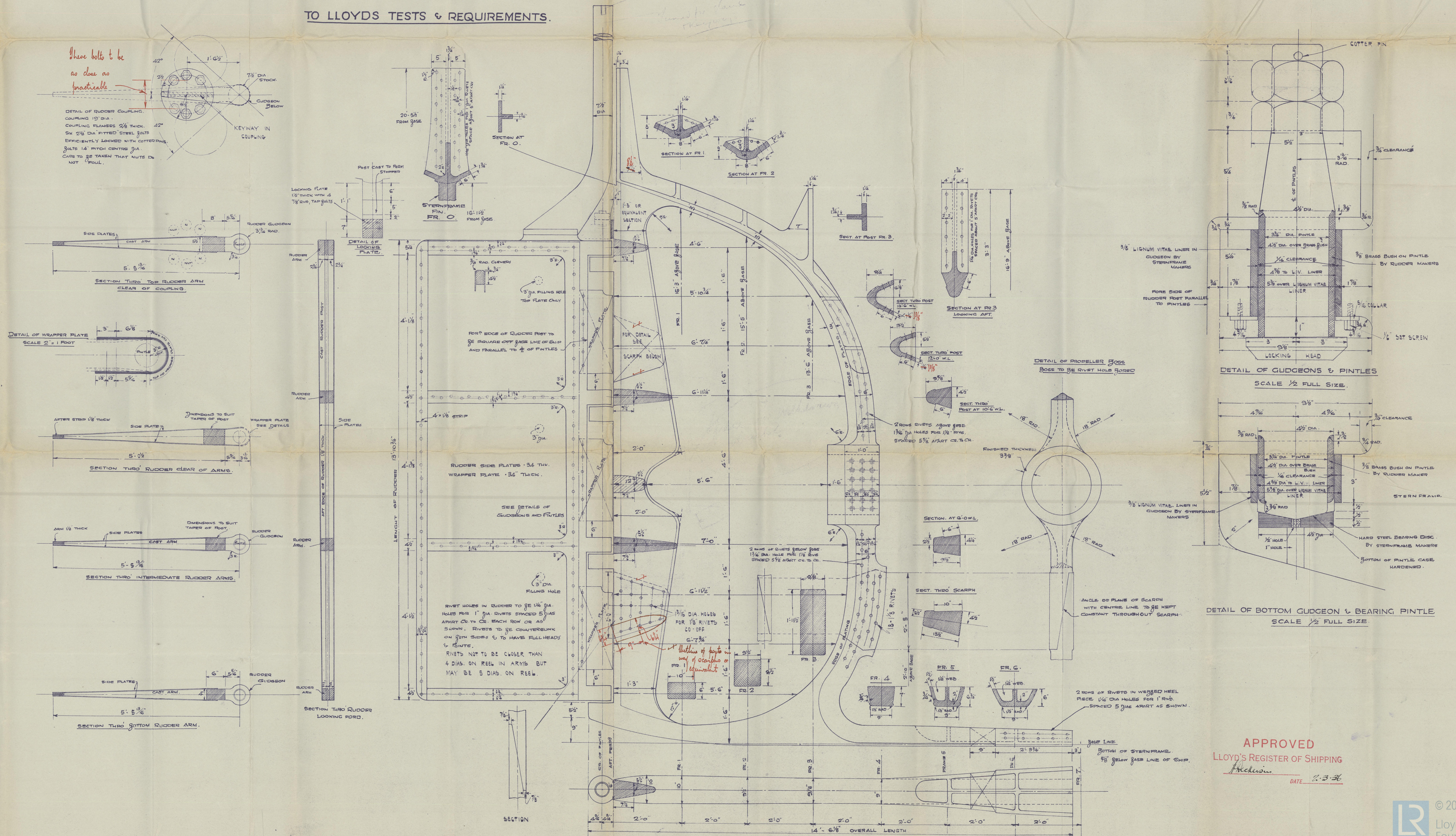
SCALE 1" = 1 FOOT  
DETAILS AS INDICATED.

RUDDER FRAME BEST QUALITY STEEL CASTING.  
RUDDER STOCK TO BE OF BEST QUALITY FORGED INGOT STEEL.  
STERNFRAME MATERIAL TO BE OF BEST QUALITY CAST STEEL.  
ALL SURFACES TO BE SMOOTH FINISHED.  
TO LLOYDS TESTS & REQUIREMENTS.

DIMENSIONS - 290'-0" ON L.W.L. x 44'-0" MID B'DN x 27'-1 1/2" TO UPPER DECK.  
WITH FREEBOARD.  
TO CLASS 100 A1 LLOYDS SPECIAL SET.  
1<sup>ST</sup> LONG? NUMBER L x D = 7719.8  
PROPELLER POST & RUDDER POST TO BE STREAMLINED AS PER DETAILED SECTIONS.  
STERNFRAME TO BE RIVET HOLES BORED WITH HOLES SPACED AS SHOWN.  
PROPELLER GOSSE TO BE RIVET HOLES BORED HOLES AS PER DETAIL.  
RIVET HOLES TO BE BORED PLUMB THROUGH POST.  
POINTS OF RIVETS CONNECTING SHELL PLATING TO STERNFRAME TO BE LEFT FULL.

STERNFRAME DESIGNED TO SUIT DOUBLE PLATE RUDDER  
DIA. OF RUDDER STOCK 7 1/2"

LOAD DRAFT 18'-10 1/2" EXTREME. SPEED 12 KNOTS  
TOTAL IMMERSED AREA OF RUDDER FROM FORE SIDE OF POST 70'-0 5/8" FT.  
CENTRE OF GRAVITY OF AREA FROM CENTRE LINE OF PINTLES 2'-9 5/8" FT.  
A x D = 209 = DIA OF RUDDER STOCK (7" x 1/2 PER SPEC.) = 7 1/2"  
KEYWAYS IN RUDDER STOCK TO PARTICULARS GIVEN LATER  
RUDDER FRAME TO BE CAST TO SHAPE AS PER DETAILS  
RIVET HOLES TO BE BORED PLUMB THRU POST, SIZE MUST NOT BE LESS THAN GIVEN.



APPROVED  
LLOYD'S REGISTER OF SHIPPING  
Inclusion  
DATE 2.3.38



Wm. Hamilton & Co. Ld.

Fig. 425-426.

Amended Plan of  
Sternframe & Rudder.

W 425.

\*ARABIAN PRINCE\*

Fig. 1<sup>st</sup> E. Ref. W. 20244.

W 426.

PALESTINIAN PRINCE

Fig. 1<sup>st</sup> E. Ref. W. 20280.



© 2021

Lloyd's Register  
Foundation

002442-002448-0057