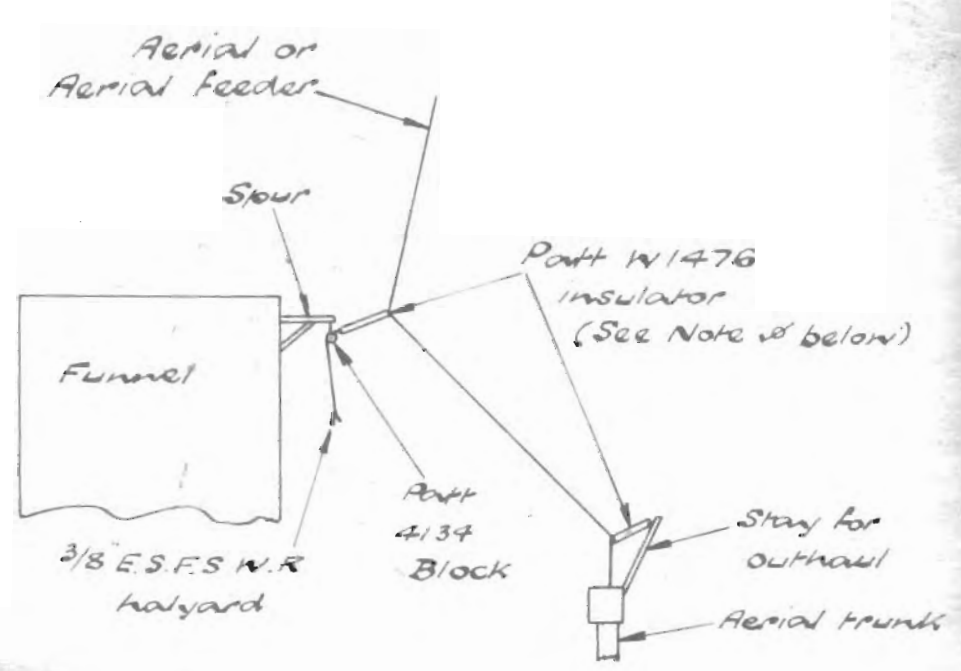
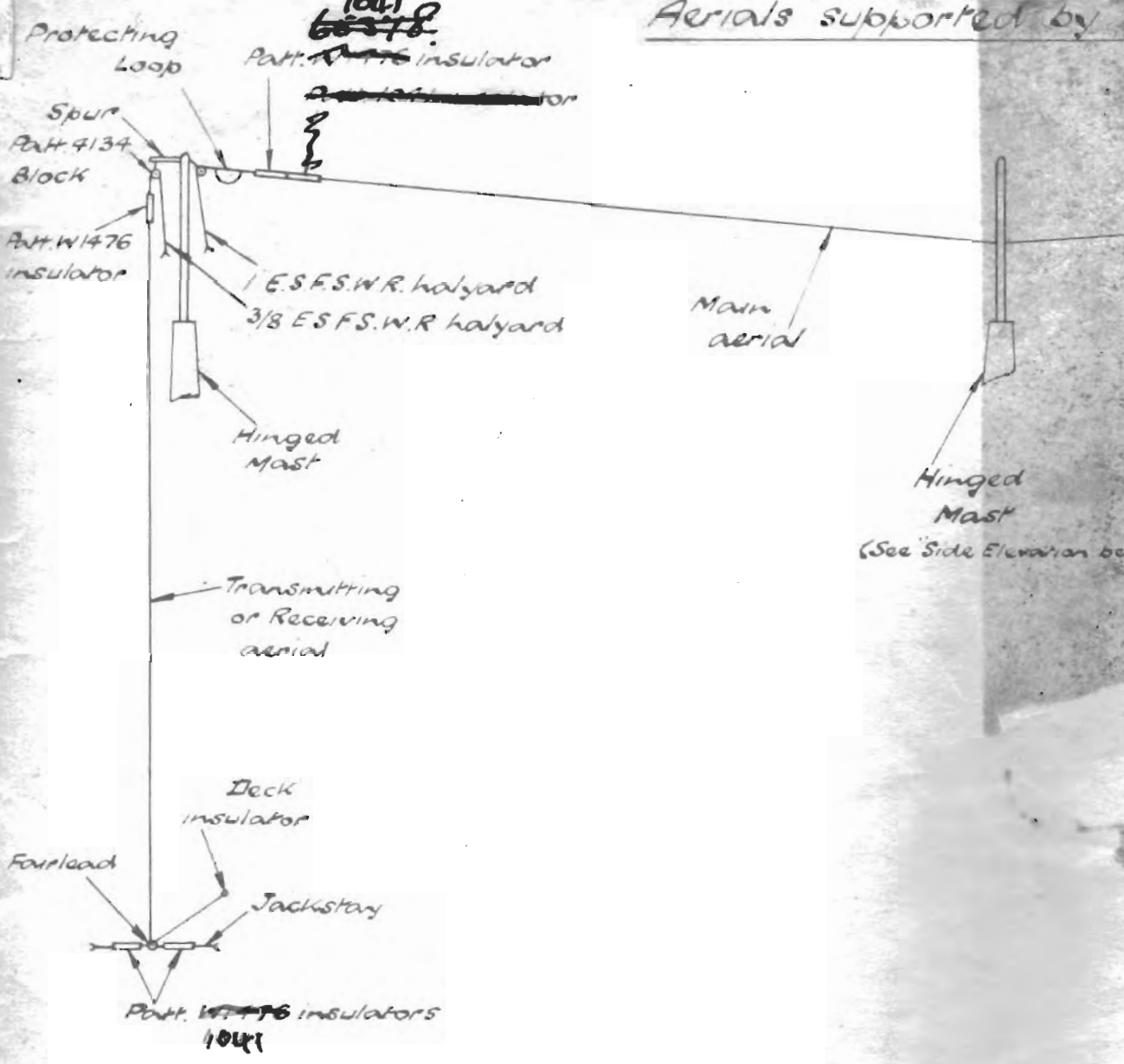


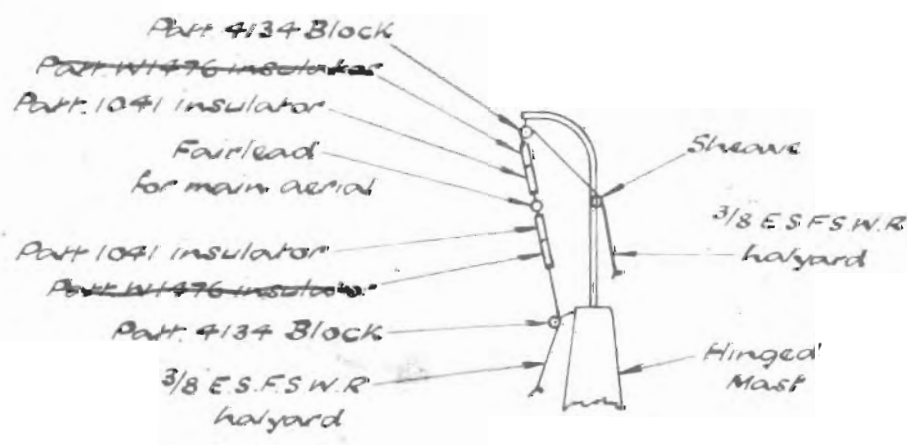
Method of outhauling aerial to Funnel.



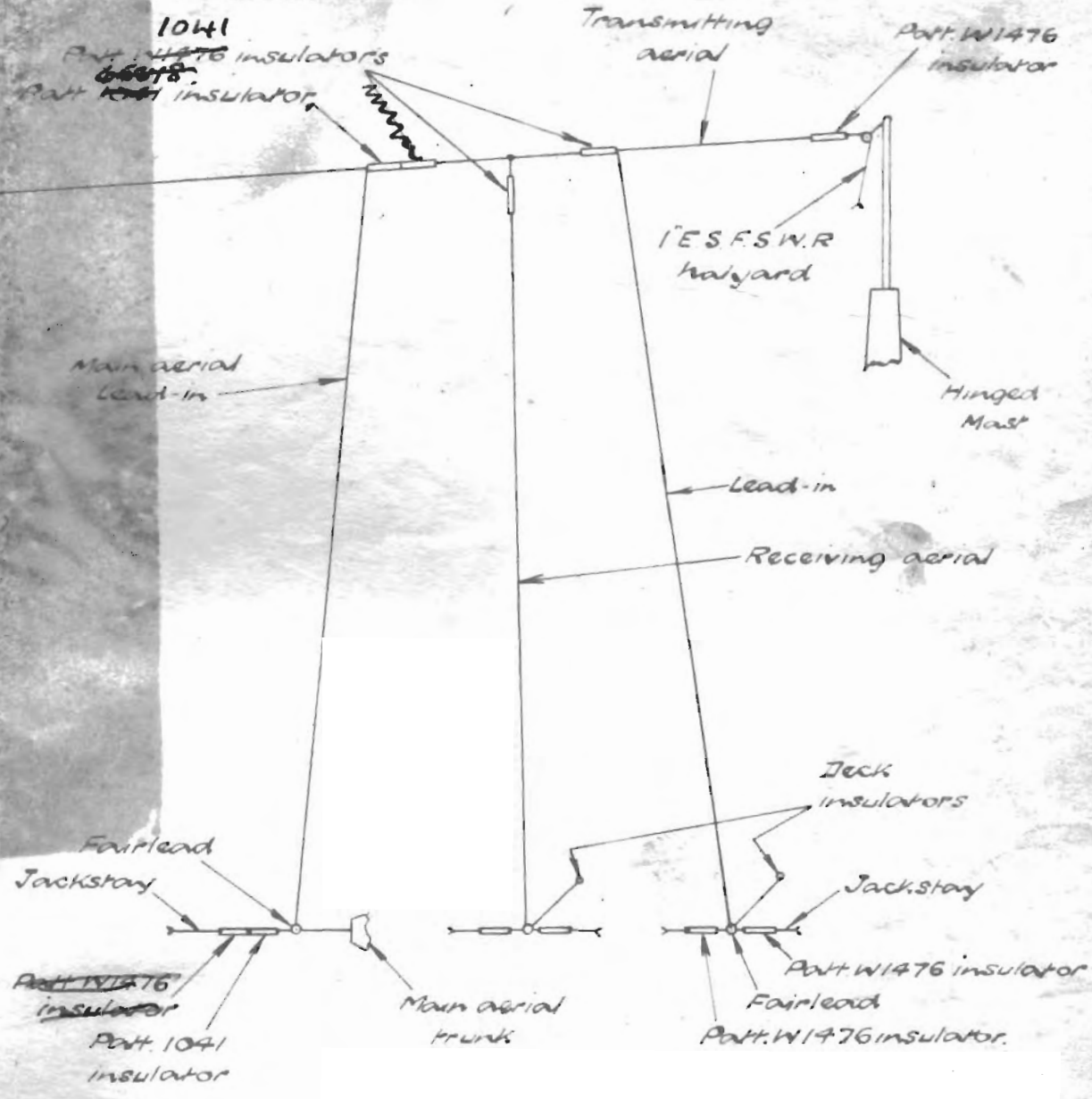
Note & :- When pat. W1476 & pat. 3658 insulators are fitted in series in the aerial, they should also be fitted in series in the aerial outhaul



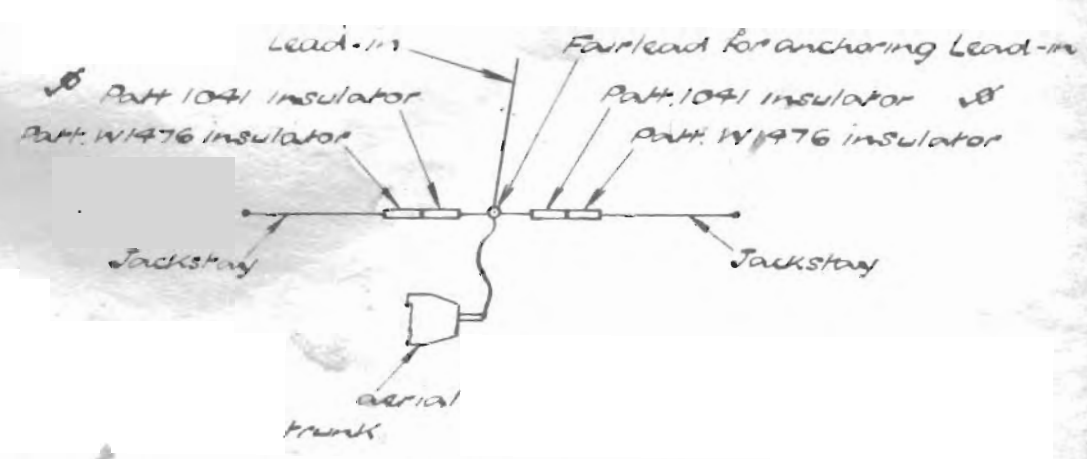
Side Elevation of top of Middle hinged mast.



Transmitting masts.



Alternative method of anchoring lower end of aerial Lead-in.



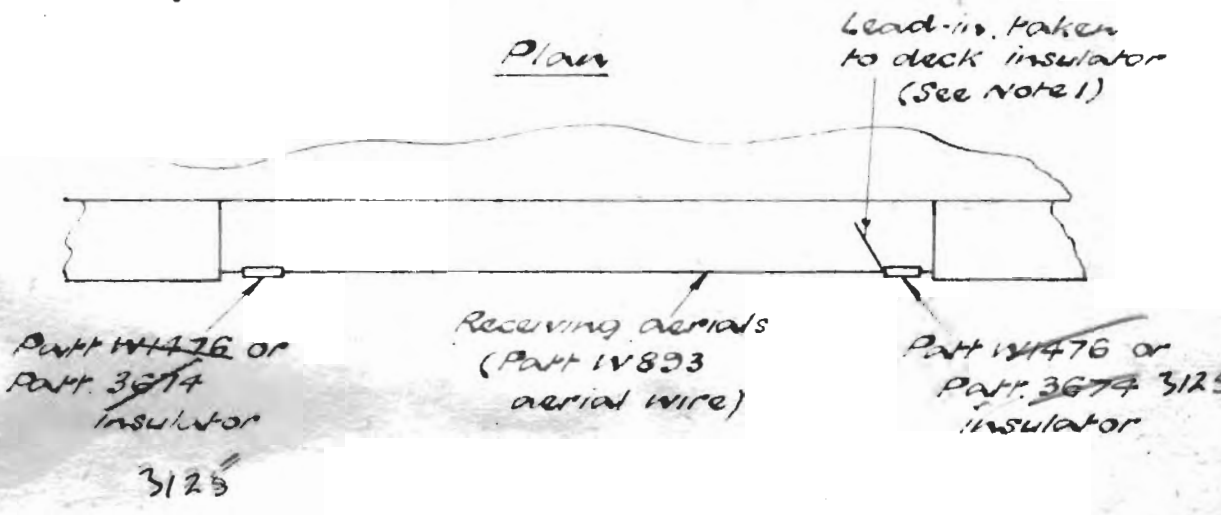
Note:- All aeriads attached to hinged masts must be fitted in positions such that the point of attachment of the lead-in is in line with the hinge of the mast
 & in main transmitting aeriads only

Arrangement showing Receiving
aerials stacked.

Elevation

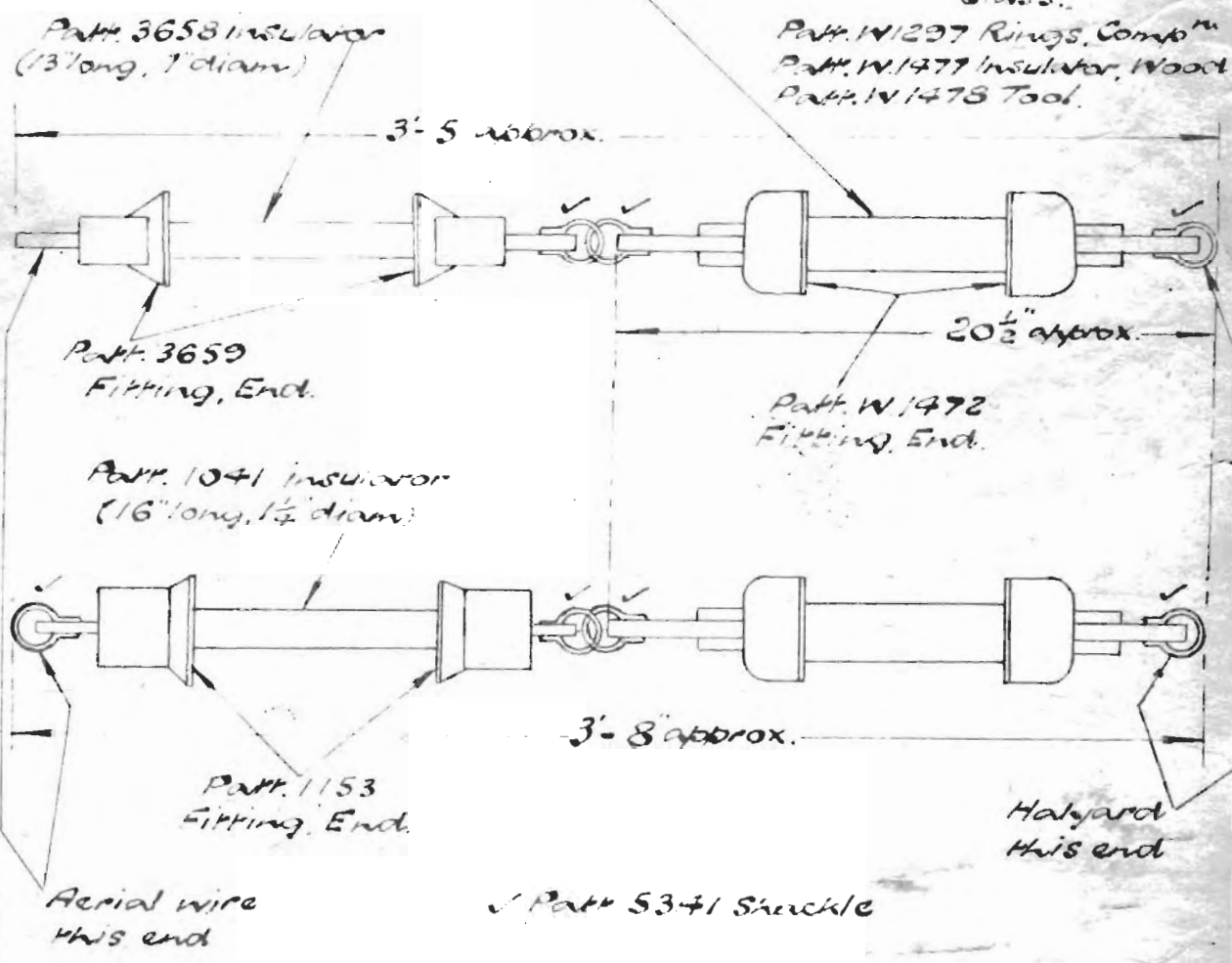


Plan

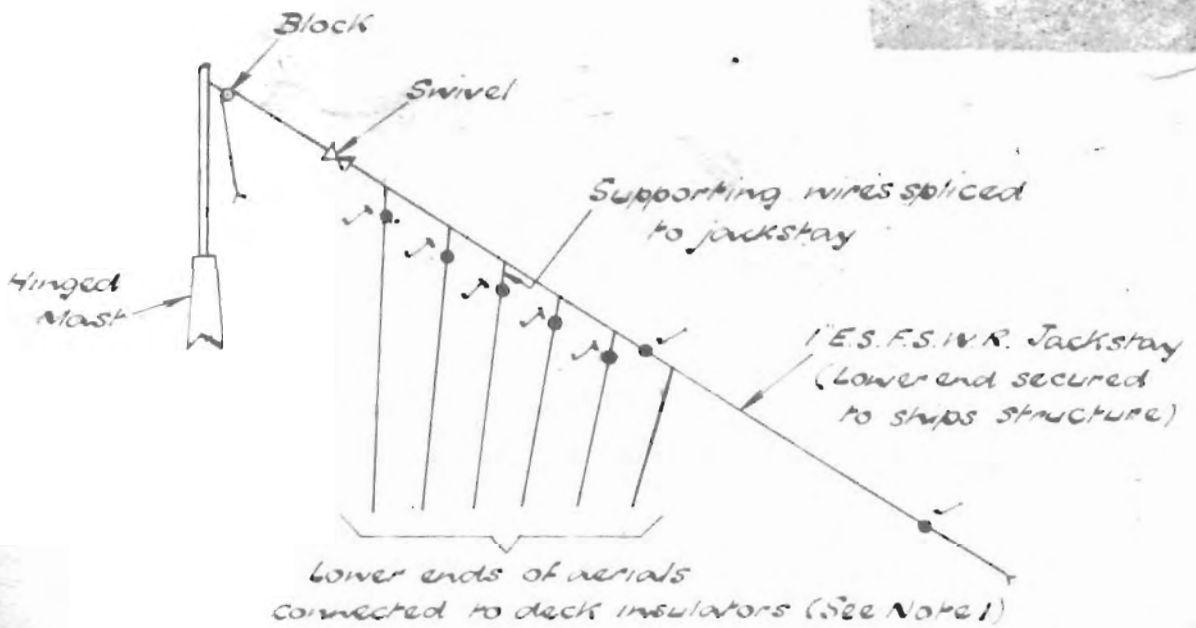


Dimensions of aerial insulators.

Part W 1476 insulator, comprising:
Part W 1294 Tube, Insulating, Glass.
Part W 1297 Rings, Comp^m
Part W 1477 Insulator, Wood
Part W 1478 Tool.



Receiving aeriads supported by
Hinged mast.



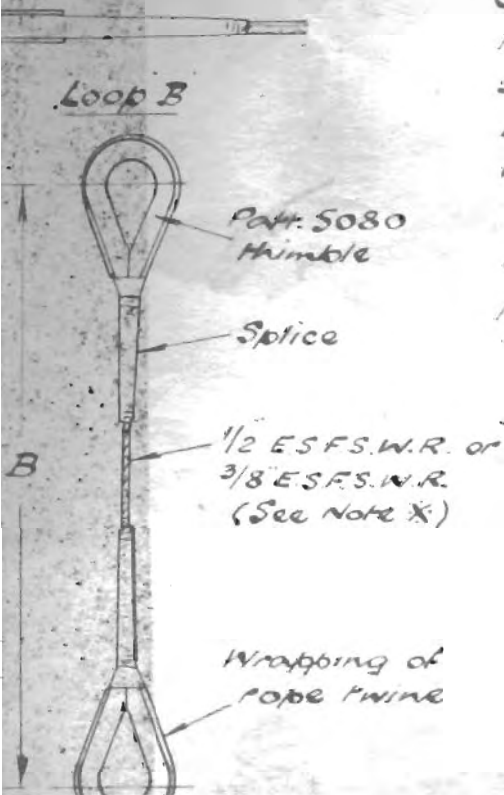
✓ Patt. 999 Rigging insulator.

✓ Patt. 3674 Rigging insulator (closed end type)

To be fitted in all horizontal or approximately horizontal aeriads)

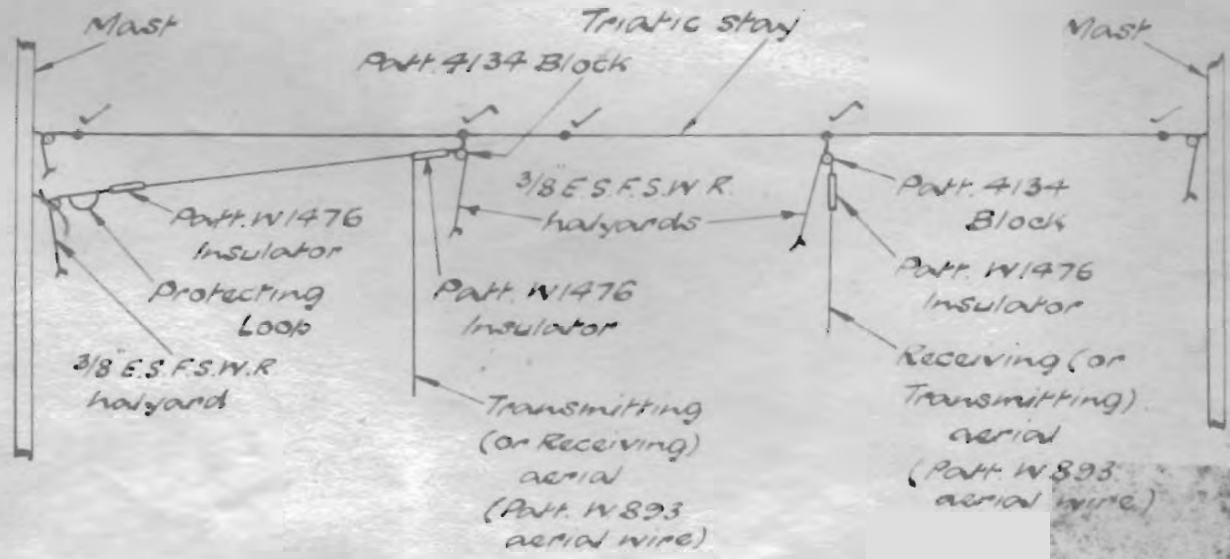
Note X :- Loop B of protecting loops fitted to flat roof main aeriads of Capital Ships, Cruisers, Depot Ships & Repair Ships is to consist of $\frac{1}{2}$ Extra special flexible steel wire rope. In other classes of ships, Loop B is to consist of $\frac{3}{8}$ \"/>

In all single wire aeriads fitted with protecting loops, Loop B is to consist of $\frac{3}{8}$ \"/>



Aerials supported by Triatic stay

- ✓ Rigging insulator
- ✓ Thimble



Protecting Loop for aerial halyard

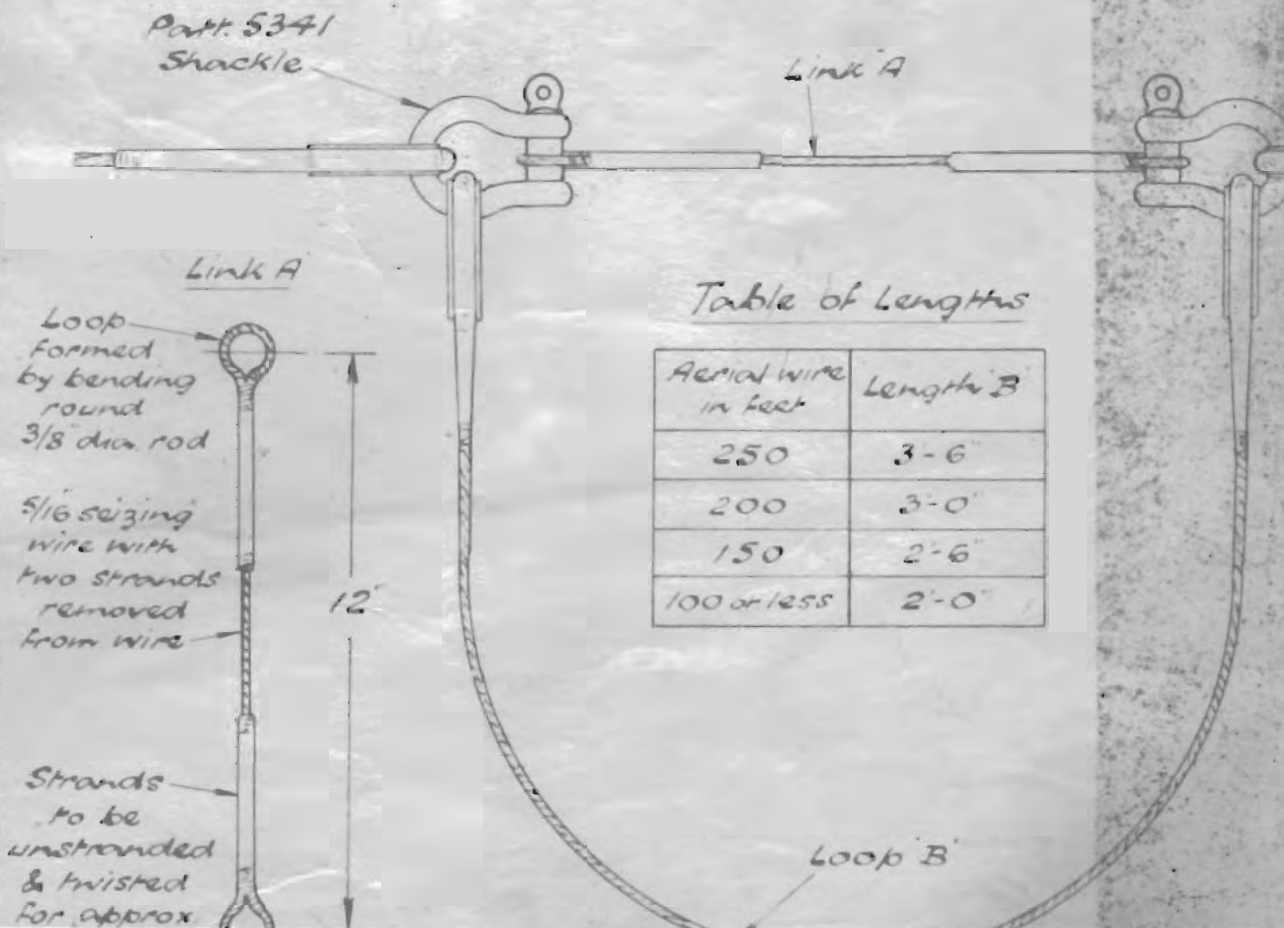


Table of Lengths

Aerial wire in feet	Length B
250	3-6"
200	3-0"
150	2-6"
100 or less	2-0"

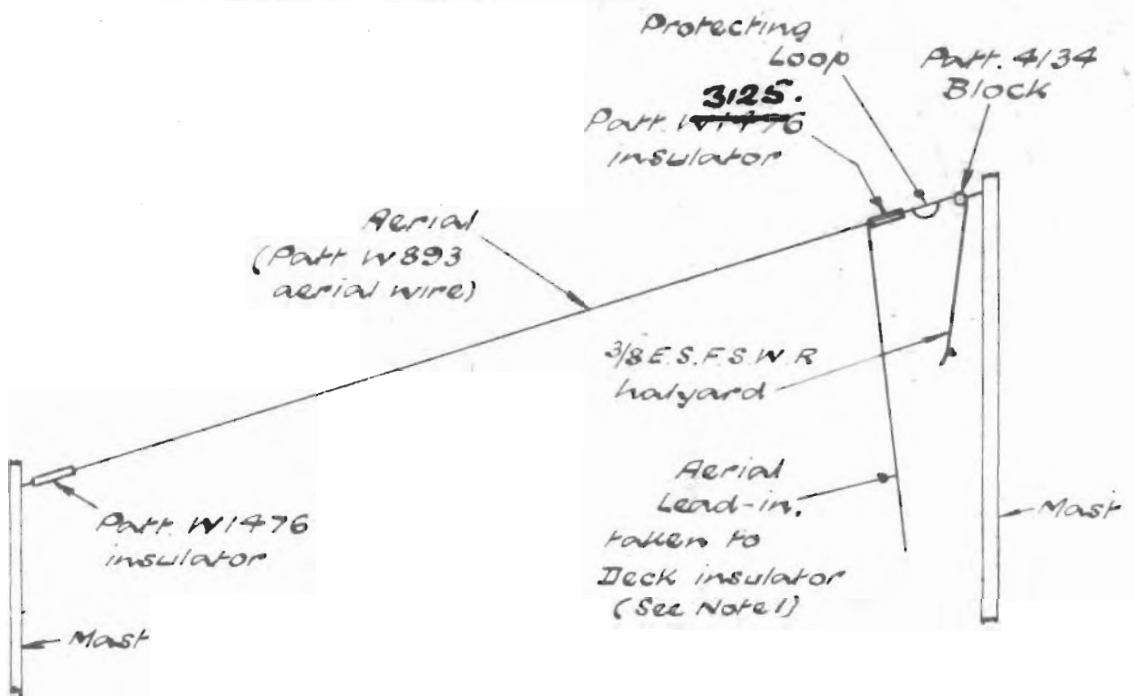
Loop formed by bending round 3/8 dia. rod

5/16 seizing wire with two strands removed from wire

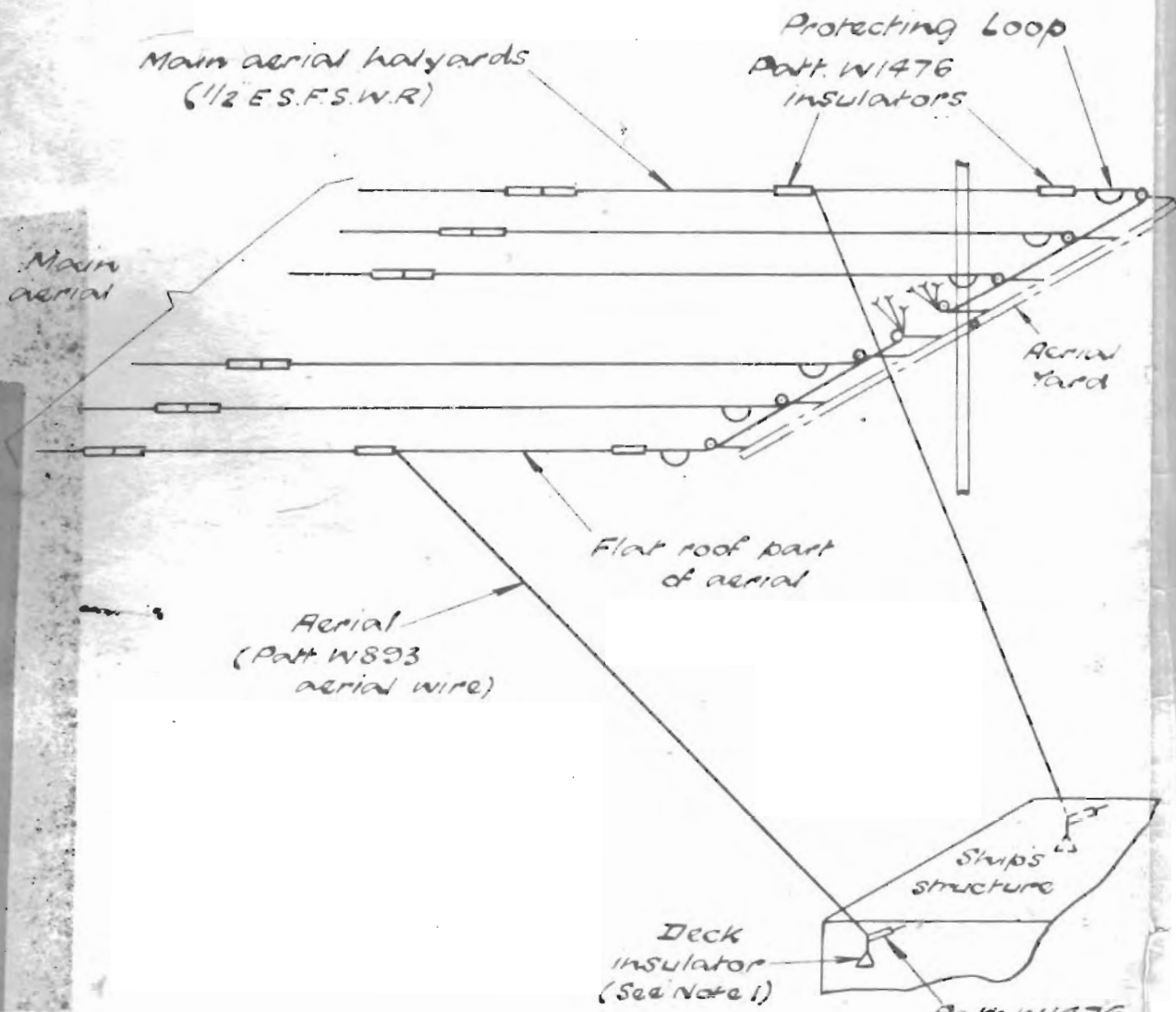
12"

Strands to be unstranded & twisted for approx

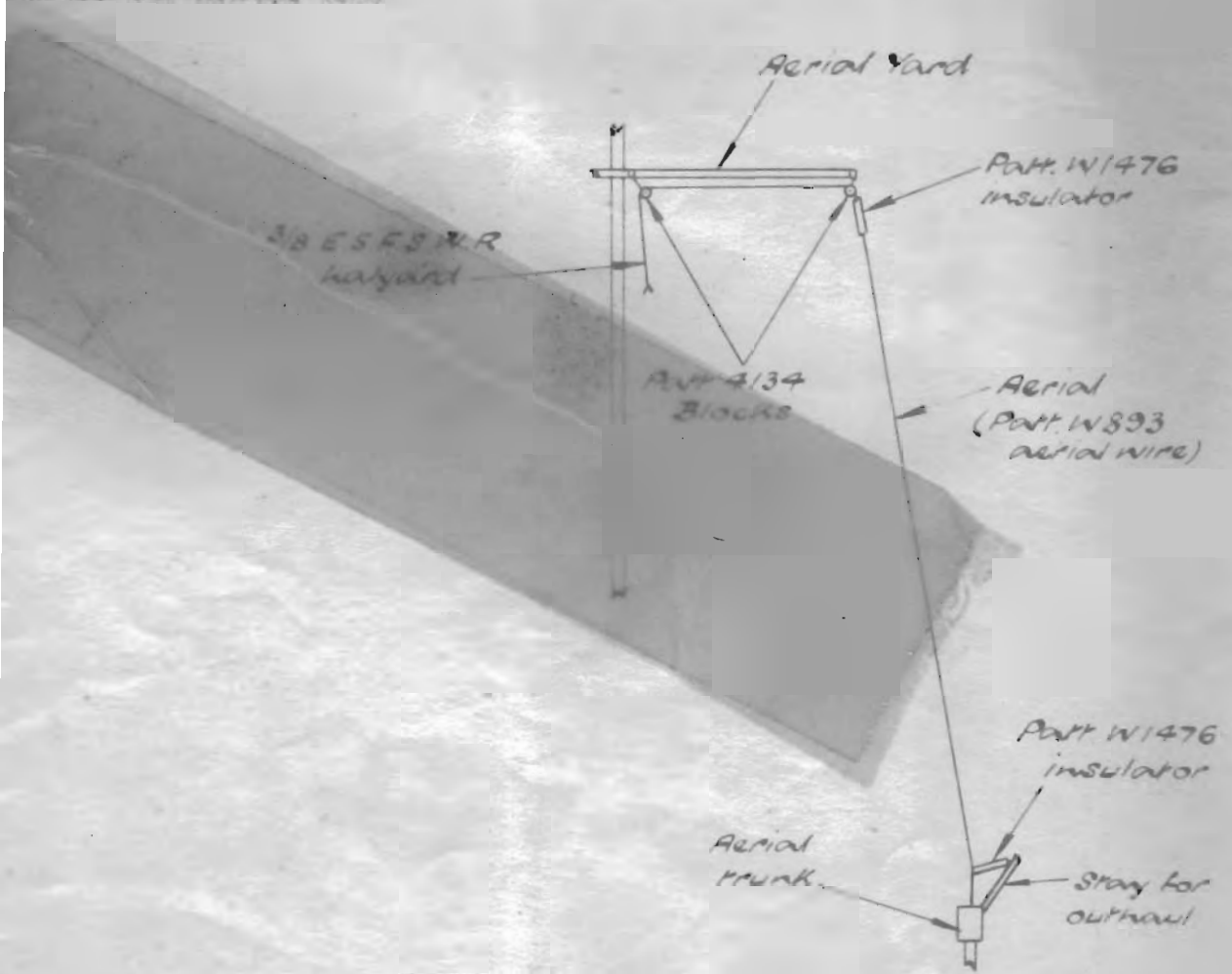
Receiving aerial rigged between masts.



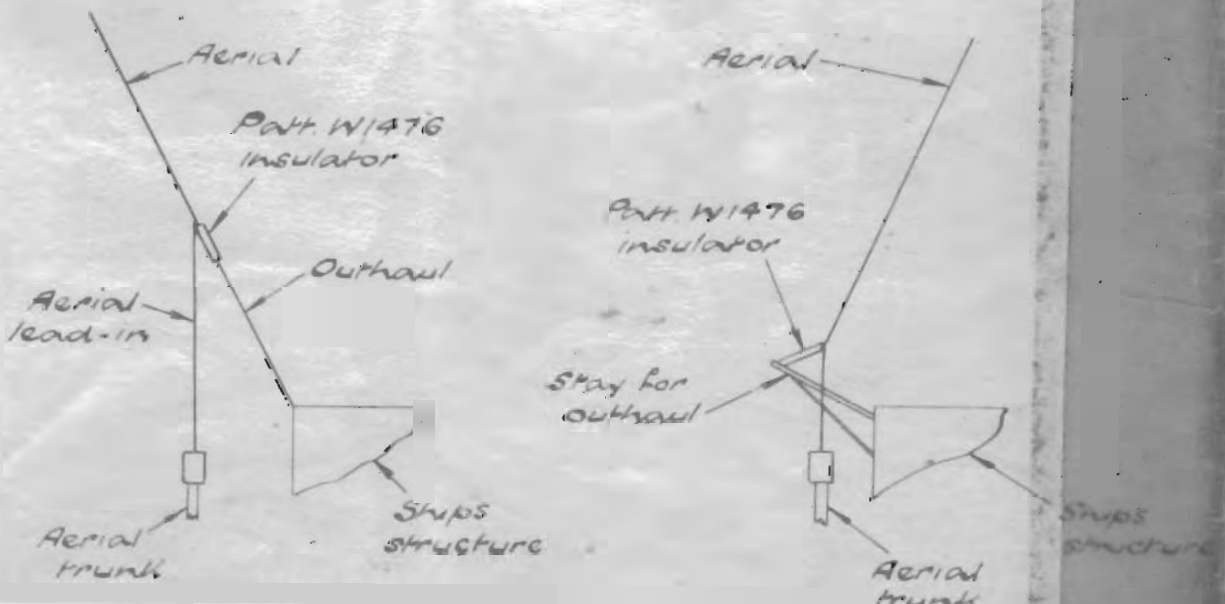
H/F Receiving aeriels with roof.



Single wire Transmitting aerial.

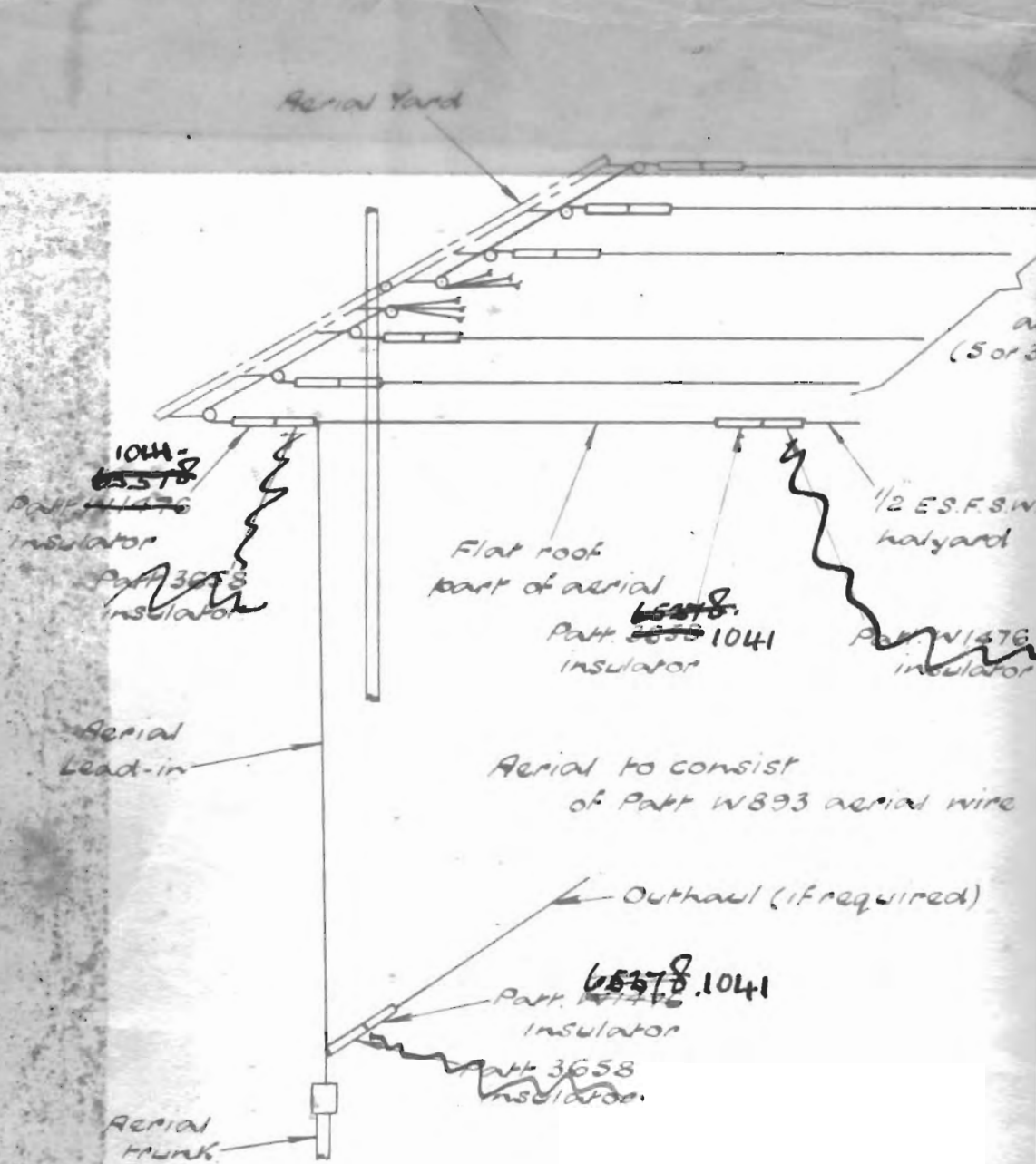


Alternative methods of outhauling aerial lead-in



Single wire transmitting aerial

with roof.
(see Note below)



Note: - A minimum vertical length of 70 feet is preferred for the single wire H/F transmitting aerial. Where this cannot be arranged the aerial should be provided with a roof consisting of a part of one wire of main aerial roof, making a total length of 70 feet or thereabouts.
In Light Craft a length of 50 feet for this aerial can be accepted.

Notes

1. The deck insulators normally fitted for receiving aeriads are to be as follows:-

GROUP OA - (i) To LRR/ERR

(ii) To separated aeriads (those fitted aft) on F.L's & Destroyers.

GROUP OC - (i) To B.R.P.

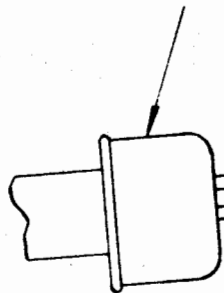
(ii) To forward aeriads on F.L's & Destroyers

(iii) On Light Craft.

(iv) To aeriads not connected to an aeriad exchange.

Details of
Hoisting Arrangements, etc.
Scale: - 3" = 1'

Part 121476
Aerial insulator

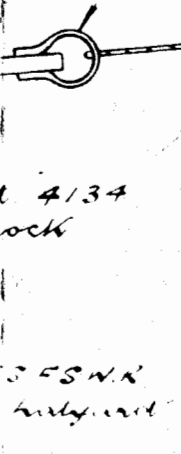


Part 5341
Shackle



Part 4134
Block

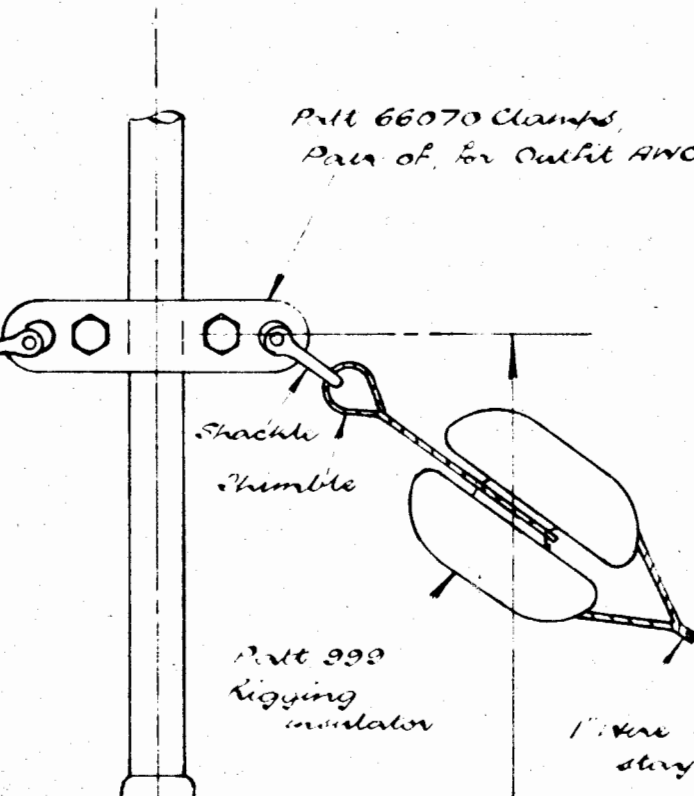
3/8" ES SWK
hardwood



Part 66070 Clamps,
Pair of, for Outfit AWC.

Shackle
Shimble

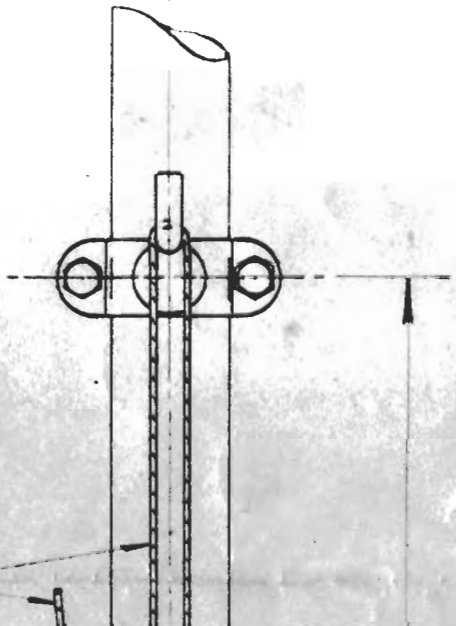
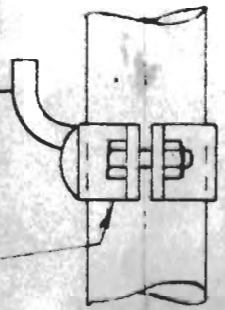
Part 999
Rigging
insulator



1" wire rope
sling

Hook or half
cleat welded
or riveted
to clamp

✓
Clamp, to grip
2 1/2 dia. tube.



18-0"

3/8 E.S.F.S.I.V.R
hardware

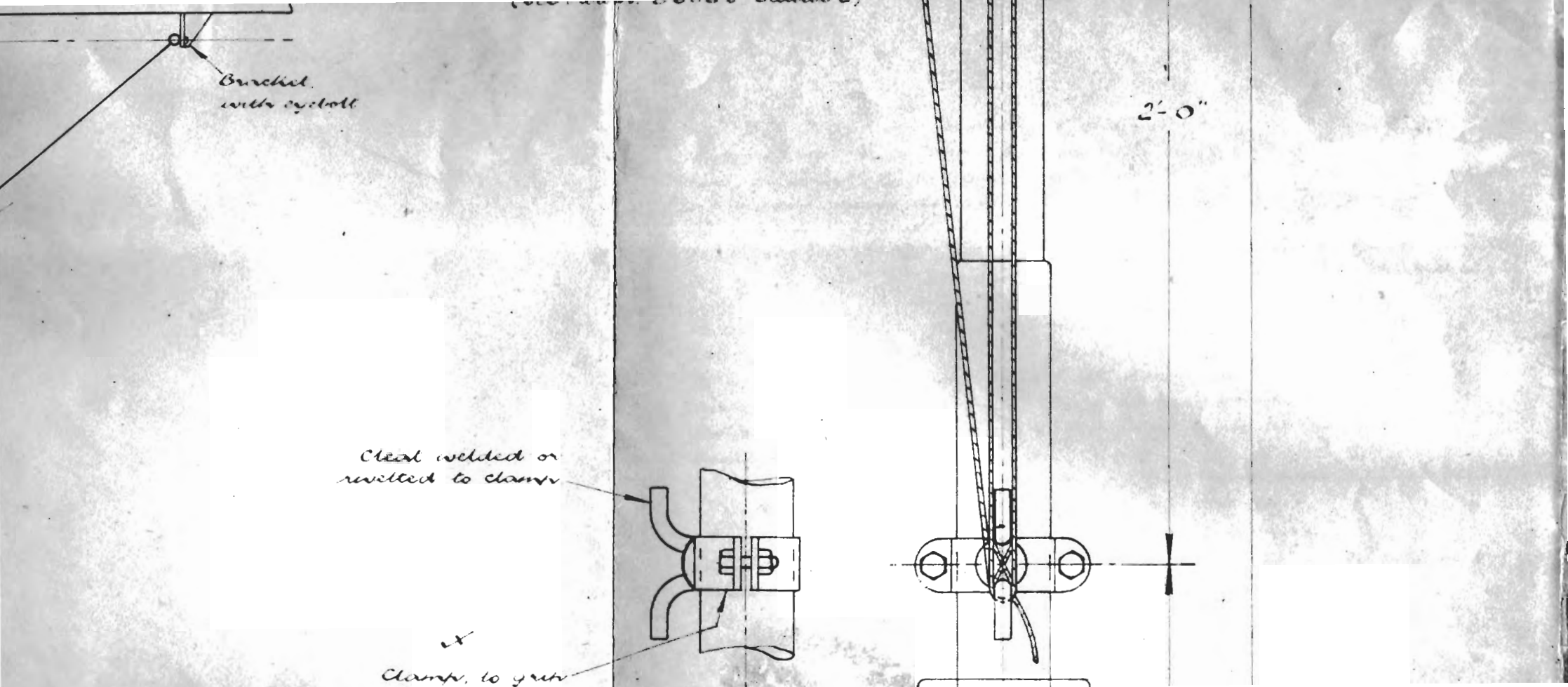
(See Order B808C Clause C)

*Bushed
with eyebolt*

*Lead welded on
riveted to clamp*

Clamp, to grip

2'-0"



WARNING

THESE GALVANOS ARE
DIRECTLY CONNECTED
TO THE TRANSMITTER.
BEFORE TOUCHING THEM
OR ANY PART OF THE
INSTRUMENTS SAFE TO
TRANSMIT BOARD ARE
TO BE OBTAINED FROM THE
BRIDGE WIRELESS OFFICE

18"