Sheet #15

ALTERNATE SPRUCE SPAR 45'

CUTTER RIG

½" S.S. EYE BOLT FOR SPINNAKER HALYARD BLOCK
MAINMAST MASTHEAD
SCALE ½" = 1"
AFT SIDE
½" S.S. PIN & COTTERPIN
BOOM TOPPING LIFT TANG
3/8" HOLE
WELD
2" x #14 S.S. R.H.S.
3/8" S.S. BOLT
1/8" x 1 5/8" S.S.
1½"
3/8
3/4"
5/8
7½"
SHEAVE BOX OF 1/16" S.S.
4"
3/4" x #6 SCREWS
3/8" S.S. BOLT
1/8" x 1 5/8" S.S. PL.
10½"
½" S.S. PIN & COTTERPIN
Note.
MASTHEAD MEASUREMENT TAKEN TO ℄ OF BOLT
1 5/8"
3/4"
AL. PL. SHEAVES DRILLED FOR ½" PIN & BRONZE BUSHING
3 3/4" I.D. x 3 1/8 I.D. x 5/8"
~~SLOTTED~~ FOR 3/16" WIRE
(TO BE USED WITH ½" DACRON ROPE)
℄ NOTE
½" S.S. BOLT
13½°
13½°
¼" 1x19 UPPER SHROUD
MAST BASE & MAST STEP - SCALE ½" = 1"
BED MAST BASE IN 3M COMPOUND
DRILL FOR 1½ x #14 FH SCREWS
1/8" S.S. PL.
5"
2"
1¼"
1 1/16"
¼" S.S. SIDE PLATES
1" S.S. ROUND PIN & COTTERPINS
8"
1 1/32"
1"
1 3/32"
2¼"
1" S.S. PL.
WELD
11½"
7"
¼" S.S. BASE PL.
STANDING RIGGING IS ALL ¼" 1x19 S.S.
3'6"
3'11"
16'0"
14'0"
11'6"
3'6"
℄ OF SPREADER
℄ OF SPREADER
TOP OF BOOM
MAST BASE
½" EYE BOLT
½" S.S. PIN & COTTERPIN
FWD SIDE
ELONGATED 5/8" HOLE FOR GENOA HALYARD BLOCK
℄ OF SPREADER
L.O.A. 45'0 SCALE ¼" = 1'
3"
6"
SOLID BLOCKING
2'0
5'4"
5'4"
5'4"
16'0
29'0
3 13/16"
4 3/8"
4 5/8"
7 1/8"
7 11/16"
7 7/8"
NO BLOCKING BETWEEN ENDS
SOLID BLOCKING
1'6
5"
8"
HORIZONTAL SCALE ¼" = 1'
USE RESORCINOL GLUE
7/8" SAIL TRACK
FORE & AFT PCS 1½" SITKA SPRUCE
1" THICK SITKA SPRUCE SIDES
GLUED MAST SIDES END SCARFS to 8" 1" to 12"
MERRIMAN ROLLER REEFING SWIVEL CLEW OUTHAUL # 538
7/8" TRACK
SIZE 3B MERRIMAN ROLLER REEFING GOOSENECK
2" x 26" TRACK
4½" ROUND SOLID SPRUCE BOOM 19'0 LOA.
Make Boom a rectangle 4" x 4" @ ends ; 4" x 5" @ middle

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