



FOREMAST:
2'-5" diameter at main deck level and 2'-5" diameter in hold, steel covered. Attached to Foremast is cross spar estimated to be 80' in length, 8" diameter at ends, and 15" diameter in center, steel covered.

MAIN MAST:
2'-5" diameter at main deck level and 2'-5" diameter in hold, steel covered. Attached to Main Mast is cross spar estimated to be 70' in length, 6" diameter at ends, and 14" diameter in center, steel covered.

MIZZEN:
Wood, 1'-9 1/2" diameter at upper deck level and 1'-6 1/2" diameter in hold.

- UPPER & LOWER TOP SAIL YARD ARMS:**
- No. 1. 66' total length. 9" diameter on ends tapered to 11" diameter 2'-6" from ends. 1'-2 1/4" diameter in center.
 - No. 2. 65'-6" total length. 7" diameter on ends tapered to 7 3/4" diameter 1'-2" from ends. 1'-4 3/4" diameter in center.
 - No. 3. 48' long but is sawed off 33'-8" from center to end. 8" diameter on ends tapered to 10" diameter 2' from ends. 16 1/2" diameter in actual center.
 - No. 4. 65' total length. 6 1/2" diameter on one end and 7" diameter on other end, tapered to 1'-2 3/4" in center. Steel covered.

- MIZZEN BOOMS:**
- No. 5. 45'-3" total length. 7 3/4" diameter on one end and 9" diameter on other end, tapered to 10 3/8" diameter in center.
 - No. 6. 40' total length. 4 3/4" diameter on both ends tapered to 8 3/4" diameter in center.
 - No. 7. 50' total length. 6" diameter on ends tapered to 7" diameter 1'-3" from ends. 11 5/8" diameter in center.
 - No. 8. See detail at left.

- No. 11. 23' long but broken off. 5 1/2" diameter at end tapered to 6 1/2" diameter 1'-4" from end.
- No. 12. 13'-6" long but broken at both ends. 8" diameter at both broken ends.

MAIN TOP GALLANT MASTS:
Nos. 9 & 10. See detail at left.

- CARGO BOOMS:**
- No. 13. 40' total length. 8" diameter on one end, and 10" diameter at other end, with 10 3/4" diameter in center.
 - No. 14. 41' total length. 8" diameter on one end, and 10" diameter at other end, with 10 3/4" diameter in center.

NOTE:
Items 6 thru 12 are in the hold; items 13 and 14 are on the dock.
Field measurements by Surveyors, 12 Nov. 1959. (West, McCaw, Schuhmacher)

DRAWN BY Stefanson
CHECKED BY _____
REFERENCES _____
APPROVED BY _____
CHIEF ENGINEER

CITY OF SAN DIEGO • HARBOR DEPARTMENT
RIG MEASUREMENTS
STAR OF INDIA



DATE 16 Nov. 1959
SCALE 3/16"=1'-0"
DRAWING NO.
408-MB