



NOTES

1. ALL SHIPSIDE VALVES TO BE CAST STEEL, BRONZE OR ST. STL. TRIM, RISING STEM GLOBE TYPE (OR ANGLE) ROOTED BONNET, FLSD. -150 LB.
2. ALL BILGE & BALLAST PIPING TO BE SEAMLESS STEEL, A.S.T.M. A53-73T GR. A SCH. 40, DOUBLE GALVANIZED AFTER FABRICATION.
3. FLANGE BOLTS TO BE HEAVY HEX. HD. TO A S.T.M. SPEC. A 307-74T GR. B.
4. ALL PIPING TO BE INSTALLED IN EASILY REMOVABLE LENGTHS SECURED BY FLANGES OR BUTT WELDED WHERE NECESSARY. NO ROUST-A-BOUT COPLGS. TO BE USED.
5. ALL MUD BOXES, STRAINER BOXES, BILGE SUCTION ROSE BOXES TO BE HEAVILY GALVANIZED AFTER FABRICATION.
6. ALL JOINT GASKETS TO BE 1/2" THK. CRANE GREY RUBBER-CLOTH INSERTED, OR ESUAL.
7. BHD. & DECK PIECES TO BE OF THE 3 FLANGE TYPE, FABRICATED OF EXTRA STRONG PIPE.
8. SYSTEMS TO BE TESTED TO 30 P.S.I.
9. INSTALLATION & MATERIALS TO BE TO THE REQUIREMENTS OF THE MINISTRY OF TRANSPORT, AND IN ACCORDANCE WITH THE RULES AND REGULATIONS OF LLOYD'S REGISTER OF SHIPPING & CANADIAN STEAM SHIP INSPECTION.
10. DRAIN PLUGS TO BE FITTED AT LOW POINTS OF PIPE RUNS.
11. ALL BILGE SUCTION VALVES TO BE 3DNR, ALL VALVES OTHER THAN SHIPSIDE VALVES, TO BE BRONZE, 150LB. GLOBE OR ANGLE, BOLTED BONNET.

REFERENCES

1. BILGE & BALLAST PUMPING ARRGT.
2. BILGE & BALLAST PIPING ARRGT. IN 1/4"
3. BHD. & DECK PENETRATIONS & FIG. DETS.
4. TRIMMING SYSTEM ARRGT.
5. HEELING COMPT. ARRGT.
6. TANK TOP PENETRATIONS & FIG. DETS.
7. COMPRESSED AIR
8. TANK STEAM HEATING COILS.

DIAG. 221-605-6
DWG. 221-605-3 SH. 1 & 2
DWG. 221-605-4 SH. 1 & 2
DWG. 221-605-5 SH. 1 & 2
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DWG. 221-605-99 SH. 1 & 2
DWG. 221-605-100 SH. 1 & 2

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