

CHAPTER 29

LIST OF PLANS

29-1 GENERAL:-

The following is a list of plans furnished the vessel in booklet form. These plans are contained in the booklet entitled "Booklet Plans for LSM Class," which is furnished the vessel at the time of commissioning. These plans supplement the information contained under the respective chapters of this manual and should be consulted freely in connection therewith. Plans should always be consulted before any work is undertaken.

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LIST "A"

PLANS APPLICABLE TO LSM VESSELS HAVING FAIRBANKS MORSE OR GENERAL MOTOR ENGINES

(a) HULL PLANS

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
LSM-01010-1	LSM1-S0103-112380	General Arrangement Outboard Profile
01010-3	S0103-112367	General Arrangement Superstr. Deck, Bridges & Focsle. Deck
07010-1	S0701-112485	Docking Plans
12010-1	S1201-112371	Mooring Arrangement & Details
12040-1	S1204-112480	Hardware Schedule
12050-1	S1205-112410	Misc. Davits & Lifting Eyes
17010-1	S1701-112458	Signal Mast, Range Light & Ensign Staffs - Arrgt. & Details
18010-1	S1801-112447	Rigging & Navigating Lights - General Arrgt.
18010-2	S1801-112445	Block List
18010-3	S1801-112446	Rope List & Rope Fittings
18020-1	S1802-112422	Canvas List
19010-1	S1901-112462	Painting Schedule, Draft Marks, Paint Lines, Ship's Name & Number
22000-1	S2200-112403	Rudders & Rudder Stocks
22000-3	S2200-112398	Rudder Trunks, Carrier, Tiller & Stuffing Box, Arrgt. & Details

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CHAPTER 29

LIST OF PLANS

LIST "A"

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PLANS APPLICABLE TO LSM VESSELS HAVING
FAIRBANKS MORSE OR GENERAL MOTOR ENGINES

(a) HULL PLANS (cont'd.)

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
LSM-	LSM1-	
22000-4	S2200-112408	Steering Gear Arrangement
25010-1	S2501-112488	Towing Gear Arrgt. & Details
27000-1	S2700-112302	Vehicle Lashing Arrgt. & De- tails (Main Deck)
28030-2	S2803-112451	Closure Classification Label Plates
28030-3	S2803-267125	Valve Label List (Hull)
28030-4	S2803-267127	Closure Classification Label Plates for Hull Piping Arrgts.
29010-1		Table of Tank Capacities
29010-2	S2901-112501	Capacity Curves for Fuel Oil Tanks
29010-3	S2901-112499	Capacity Curves for Fresh Water & Ballast Tanks
29080-2	S2908-112472	Ship Test Memoranda
33060-5	S3306-112483	Hammock Hooks & Stowage Arrgts. & Details
36010-1	S3601-267090	List of Plumbing Fixtures
38010-4	S3801-112378	Fan & Heater Lists
38020-2	S3802-253880	Steam Heating System - Super- structure Deck, Main Deck & Hold
38020-3	S3802-253881	Steam Heating System - Sections Elevation & Details
48030-1	S4803-267101	Fire Main System - Superstruc- ture & Main Decks
48030-2	S4803-267102	Fire Main System - Plan of Hold Elevations & Sections
48040-1	S4804-267106	Sanitary Flushing & Fresh Water Supply System - Arrgt. of
48080-1	S4808-267099	Plumbing & Deck Drains - Arrgt. & Bill of Material

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LIST "A"

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PLANS APPLICABLE TO LSM VESSELS HAVING
FAIRBANKS MORSE OR GENERAL MOTOR ENGINES

(a) HULL PLANS (cont'd.)

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
LSM- 48090-1	LSM1- S4809-267121	Air Escapes, Sounding Tubes, Overflows & Fresh Water Filling - Hold & Main Deck
48090-2	S4809-267122	Air Escapes, Sounding Tubes, Overflows & Fresh Water Filling - Supstr. Deck & Elevations
48090-3	S4809-267123	Air Escapes, Sounding Tubes, Overflows & Fresh Water Filling - Sections
59010-2	S5901-253886	Refrigeration - Arrgt. of Piping & Machinery
92010-1	S9201-112430	Wrench List (Hull Dep't.)

(b) ELECTRICAL PLANS

LSM- 60-2	LSM1- S6000-279954	List of Methods of Supporting & Installing Cables, Fixtures, Panels, etc., - Bu. Stds. & Departures from Bu. Stds.
60-6	S6000-279969	Wireways - All Decks - Location & Details of (Except Machinery Spaces)
60-11	S2403-279948	Pilot House & Conning Station Arrgt. of Electrical Equipmt.
60-12	S6700-279949	Radar, Radio & Chart Room Arrgt. of Electrical Equipmt.
60-14	S2407-279950	Gyro Room - Arrgt. of Electrical Equipment
64-2	S6401-279944	Lighting System - Superstr. Deck & Above & Elem. Wiring Diag. of Running, Anchor & Signal Lights

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LIST "A"

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PLANS APPLICABLE TO LSM VESSELS HAVING
FAIRBANKS MORSE OR GENERAL MOTOR ENGINES

(b) ELECTRICAL PLANS (cont'd.)

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
LSM- 64-4	LSM1- S6401-279946	Lighting System - List of Symbols, Lamp List & List of Portables
64-5	S6405-279947	Outline Plan - Location of all Searchlights Running, Anchor & Signal Lights
65-4	S2407-279933	Gyro Compass - Circ. "LC" - Elem. & Isometric
65-9	S6507-279942	I.C. & F.C. & Radio Systems List of Equipment
65-22	S6507-279939	I.C. System - Main Deck
65-23	S6507-279940	I.C. System - Superstructure Deck & Above
67-1	S6700-279951	Radio Antenna - General Arrgt. & Details
67-2	S6700-279941	Type "SO-8", "BN" & "BK" Radar Install. - Cir. "2R-ER" "3R-ER" & 32R-ER Type "TCS" Radio Install. Elem. W.D. & Deck Plan
67-8	S6700-279952	Radar Antenna Transmission Lines Arrgt. & Details
71-1	S7103-279937	20 MM A.A. Mach. Gun Cease Firing Signal System - Cir. "5U" Elem. & Isometric
80-1		Running Anchor & Signal Lights Color Coding & Terminal Markings in Connection Boxes

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LIST OF PLANS

LIST "B"

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PLANS APPLICABLE TO LSM VESSELS HAVING
FAIRBANKS MORSE ENGINES

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(a) HULL PLANS

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
LSM- 01010-2	LSM1- S0103-112366	General Arrgt. Hold & Main Deck
01030-1 Sh. 1	S0103-112492	Booklet of General Plans, Cover or Title Page, Dimensions & Data (Plates Nos. 1 & 2)
01030-1 Sh. 2	S0103-112492	Booklet of General Plans, Inboard Profile & Bridges & Focsle. Deck (Plates Nos. 4 & 5)
01030-1 Sh. 3	S0103-112492	Booklet of General Plans, Outboard Profile & Supstr. Deck (Plates Nos. 3 & 6)
01030-1 Sh. 4	S0103-112492	Booklet of General Plans, Main Deck & Hold (Plates Nos. 7 & 8)
01030-2	S0103-112490	Shipping Machinery List
16010-1	S1601-112387	Compartment & Access - Hold & Main Deck
16010-2	S1601-112388	Compartment & Access - Supstr. Deck, Bridges & Focsle. Deck & Inboard Profile
28030-1	S2803-112431	Label Plate List
29010-4	S2901-112498	Capacity Curves for Lub. Oil Tanks
29080-1	S2908-112477	Compartment Testing Plan
30030-1	S3003-112495	Misc. Stowages - Sheet 1

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CHAPTER 29

LIST OF PLANS

LIST "B"

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PLANS APPLICABLE TO LSM VESSELS HAVING
FAIRBANKS MORSE ENGINES

(b) MACHINERY PLANS

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
FCT- 4105-1	LSM1- S4105-253672	Main & Aux. Eng. Exhaust Pip- ing & Boiler Flue - Arrgt. - Plan & L/M
4105-2	S4105-253673	Main & Aux. Eng. Exhaust Pip- ing & Boiler Flue - Arrgt. - Sections & Elevations
4106-1	S4106-253679	Machinery Arrgt. E.R. & Boiler Room - Plan
4106-2	S4106-253680	Machinery Arrgt. E.R. & Boiler Room Elevations & Sections
4106-3	S4106-253681	Lifting Gear - Main & Aux. Machinery - Arrgt. & Details
4301-1	S4301-253685	Shafting - Arrgt. of
4301-2	S4301-253686	Shafting - Details of
4302-1	S4302-253689	Shaft Spring Bearing Assem. & Details
4302-2	S4302-253690	Stern Tube & Strut Bearings
4302-3	S4302-253691	Fairwaters & Rope Guards
4302-4	S4302-253772	Bhd. Stuffing Box for Line Shaft
4400-1 (a)	(Ex-LCT(7))- S4400-412196	Propeller & Details (BuShips Plan)
4501-1	S4501-253694	L.O. Service & Purification System - Diag. Arrgt.
4503-1	S4503-253773	L.O. Purifying, Settling & Trans. Piping - Arrgt. - Plan
4801-1	S4801-267096	Bilge Drainage System - Diag. Arrgt.
4801-2	S4801-267097	Ballast System - Diag. Arrgt.
4805-1	S4805-253705	S.W. Piping - Diag. Arrgt.
4805-6	S4805-253708	D.E. F.W. Cooling - Diag. Arrgt.
4810-2	S4810-253712	Steam & Drain Piping in Machy. Spaces - Arrgt. of

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LIST "B"

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PLANS APPLICABLE TO LSM VESSELS HAVING
FAIRBANKS MORSE ENGINES

(b) MACHINERY PLANS (cont'd.)

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
FCT-	LSM1-	
4823-1	S4823-267120	Location of Sea Connections in Machinery Spaces & L/M
4823-2	S4823-267100	2" Sea Chest & 2" Brine Ovbd. Discharge for Dist. Plan
4823-3	S4823-267128	12" Main Injection Tube
4823-4	S4823-267108	10" Sea Chest Suction
4823-6	S4823-267109	Overboard Discharge Sea Chests
4902-1	S4902-253734	L.P. & Starting Air System - Diag. Arrgt.
5501-1	S5501-253739	F.O. Service Piping - Diag. Arrgt.
5501-2	S5501-253740	F.O. Trans. & Purifying Piping - Diag. Arrgt.
5501-8	S5501-253746	Remote Control for F.O. Valves - Arrgt.
5801-1	S5801-253749	Distilling Plant Piping - Diag. Arrgt.
6505-1	S6505-253914	Shaft Revolving Counter Gear - Arrgt. & Details
8700-2	S8700-253754	List of Gauges in Machinery Spaces
8700-3	S8700-253755	List of Thermometers in Machy. Spaces.

(c) ELECTRICAL PLANS

LSM-	LSM1-	
62-1	S6202-279920	Electric Plant - Schematic Wiring Diag.
62-2	S6202-279921	Power Analysis
62-3	S6202-279922	Power System - Elem. Wiring Diag.
62-4	S6202-279923	Electric Plant - Summary of Power Panels

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LIST "B"

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PLANS APPLICABLE TO LSM VESSELS HAVING
FAIRBANKS MORSE ENGINES

(c) ELECTRICAL PLANS (cont'd.)

<u>CONTR' S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
LSM-	LSM1-	
62-5	S6202-279924	Power System - Hold
62-6	S6202-279925	Power System - Main Deck & Above
62-8	S6202-279928	Power System - List of Equipt. & Appliances
63-1	S6302-279929	List of Motors & Controllers
64-1	S6401-279943	Lighting System - Hold & Main Deck
65-1	S6504-279930	General & Chemical Attack Alarm System Circ. "G" - Elem. & Isometric
65-2	S6504-279931	Call Bell System - S.P. Tel. V.T. & Officers - Cir. "E" & "A" - Elem. & Isometric
65-3	S6504-279932	Lub. Oil Low Pressure & Air Press. Alarm Systems & Salin- ity Ind. System - Circuits "EC", "EM" & "SB" - Elem. & Isometric
65-5	S6501-279934	S.P. Battle Tel. Cir. "15JY" "1JV" & "2JV" - Elem. & Isom.
65-6	S6503-279935	Voice Tubes, Whistle Pulls & Mach. Teleg. - Arrgt. & Dets.
65-7	S6505-279936	Shaft Rev. Ind. Cir. "K" Rud- der Angle Ind. Cir. "N" & Wrong Dir. Ind. Cir. "DW" - Elem. & Isometric
65-21	S6505-279938	I.C. System - Hold
60-100	S4100-279958	Machinery Spaces - Upper & Lower Levels - Arrgt. of Electrical Equipment

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LIST "C"

29-4

PLANS APPLICABLE TO LSM VESSELS HAVING
GENERAL MOTOR ENGINES

(a) HULL PLANS

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
GSM- 01010-102	LSM1- S0103-112493	General Arrgt. Hold & Main Deck
01030-101 Sh. 1	S0103-112510	Booklet of Gen. Plans, Cover or Title Page, Dimensions & Data (Plates Nos. 1 & 2)
01030-101 Sh. 2	S0103-112510	Booklet of Gen. Plans, Inboard Profile & Bridges & Focsle Deck (Plates Nos. 4 and 5)
01030-101 Sh. 3	S0103-112510	Booklet of Gen. Plans, Outboard Profile & Superstr. Deck (Plates Nos. 3 and 6)
01030-101 Sh. 4	S0103-112510	Booklet of Gen. Plans, Main Deck & Hold (Plates Nos. 7 and 8)
01030-102 16010-101	S1601-112508	Shipping Machinery List Compartment & Access - Hold & Main Deck
16010-102	S1601-112509	Compartment & Access - Supstr. Deck, Bridges & Focsle Deck & Inboard Profile
28030-101	S2803-112513	Label Plate List
29010-104	S2803-112513	Capacity Curves for Lub. Oil Tanks
29080-101		Compartment Testing Plan
30030-101		Misc. Stowages - Sheet 1

(b) MACHINERY PLANS

GSM- 4105-1	LSM1- S4105-253786	Main Eng. Exhaust Piping - Arrgt. - Plan & Elev.
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PLANS APPLICABLE TO LSM VESSELS HAVING
GENERAL MOTOR ENGINES

(b) MACHINERY PLANS (cont'd.)

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
GSM- 4105-2	LSM1- S4105-253787	Main Eng. Exhaust Piping - Arrgt. - Sections & L/M
4106-1	S4106-253789	Machy. Arrgt. E.R. & Boiler Room - Plan
4106-2	S4106-253790	Machy. Arrgt. E.R. & Boiler Room - Elev. & Sections
4106-3	S4106-253791	Lifting Gear - Main & Aux. Machy. - Arrgt. & Details
4301-1	S4301-253795	Shafting - Arrgt. of
4301-2	S4301-253796	Shafting - Details of
4302-1	S4302-253799	Shaft Spring Bearing - Assem. & Details
4302-2	S4302-253800	Stern Tube & Strut Bearings
4302-3	S4302-253801	Fairwaters & Rope Guards
4302-4	S4302-253802	Bhd. Stuffing Box for Line Shaft
4400-1	S4400-253803	Propeller & Details
4501-1	S4501-253805	L.O. Service & Purifying Piping - Diag. Arrgt. of
4503-1	S4503-253813	L.O. Purifying System - Plan
4801-1		Bilge Drainage System - Diag. Arrgt.
4801-2		Ballast System - Diag. Arrgt.
4805-1	S4805-253817	S.W. Piping - Diag. Arrgt.
4805-6	S4805-253822	D.E.F.W. Cooling - Diag. Arrgt.
4810-2	S4810-253829	Steam & Drain Piping in Machy. Spaces - Arrgt. of
4823-1		Location of Sea Connections in Machy. Spaces & L/M
4823-2		Sea Chest, Sheet 1
4823-3		Sea Chest, Sheet 2
4823-4		Sea Chest, Sheet 3
4823-5		Sea Chest, Sheet 4

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LIST "C"

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PLANS APPLICABLE TO LSM VESSELS HAVING
GENERAL MOTOR ENGINES

(b) MACHINERY PLANS (cont'd.)

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
GSM-	LSM1-	
4823-6		Overboard Discharge Sea Chests
4902-1	S4902-253854	Air System - Diag. Arrgt.
5501-1	S5501-253858	F.O. Service Piping - Diag. Arrgt.
5501-2	S5501-253859	F.O. Trans. Piping - Diag. Arrgt.
5501-8	S5501-253864	Operating Gear for F.O. Valves - Arrgt.
5801-1	S5801-253869	Distilling Plant Piping - Diag. Arrgt.
6505-1	S6505-253875	Shaft Revolv. Counter Gear - Arrgt. & Details
8700-2	S8700-253877	List of Gauges
8700-3	S8700-253878	List of Thermometers

(c) ELECTRICAL PLANS

<u>LSM-</u>	<u>LSM1-</u>	
62-1-1	S6202-281640	Electric Plant - Schematic Wiring Diag.
62-2-1	S6202-281641	Power Analysis
62-3-1	S6202-281642	Power System - Elem. Wiring Diag.
62-4-1	S6202-281643	Electric Plant - Summary of Power Panels
62-5-1	S6202-281644	Power System - Hold
62-6-1	S6202-281645	Power System - Main Deck & Above
62-8-1	S6202-281648	Power System - List of Equipmt. & Appliances
63-1-1	S6302-281649	List of Motors & Controllers
64-1-1	S6401-281650	Lighting System - Hold & Main Deck

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PLANS APPLICABLE TO LSM VESSELS HAVING
GENERAL MOTOR ENGINES

(c) ELECTRICAL PLANS (cont'd.)

<u>CONTR'S. NUMBER</u>	<u>BUREAU NUMBER</u>	<u>TITLE</u>
LSM- 65-1-1	LSM1- S6504-281651	General & Chemical Attack Alarm System Cir. "G" - Elem. & Isometric
65-2-1	S6504-281652	Call Bell System - S.P. Tel., V.T. & Officers - Cir. "E" & "A" - Elem. & Isometric
65-3-1	S6504-281653	Lub. Oil Low Pressure & Air Press. Alarm Systems & Salinity Ind. System - Circuits "EC", "EM" & "SB" - Elem. & Isometric
65-5-1	S6501-281654	S.P. Battle Tel. Cir. "15JY" "1JV" & "2JV" Elem. & Isom.
65-6-1	S6503-281655	Voice Tubes, Whistle Pulls & Mech. Teleg. - Arrgt. & Dets.
65-7-1	S6505-281656	Shaft Rev. Ind. Cir. "K", Rudder Angle Ind. Cir. "N" & Wrong Dir. Ind. Cir. "DW" - Elem. & Isometric
65-21-1	S6507-281657	I.C. System - Hold
60-100-1	S6000-281658	Machinery Spaces - Upper & Lower Levels - Arrgt. of Electrical Equipment

29-5 In addition to the above plans the following plans are furnished the vessel in blue print form. These plans apply to vessels having Fairbanks Morse or General Motor engines.

LSM- 07010-1 29010-1	LSM1- S0701-112485	Docking Plans Table of Tank Capacities
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