

CHAPTER 44

NAVIGATIONAL

44-1 GENERAL:-

The LSM is provided with the following navigational spaces:

- (a) CONNING STATION which is fitted with a hinged log desk and portable stool, standard compass, pelorus and stand, rudder angle indicator, 12" searchlight and a box of navigational instruments.
- (b) PILOT HOUSE which is fitted with steering stand and wheel, rudder angle indicator, magnetic compass, gyro repeater, annunciators, hinged table and navigational instruments.
- (c) CHART ROOM fitted with chart table with drawer and locker under it for stowage of charts, navigational instruments, etc.
- (d) STEERING ENGINE ROOM fitted with the steering engine and with wheel for hand steering. Also in event of casualty, emergency steering gear can be rigged. This gear is stowed in this compartment and kept readily available.

44-2 NAVIGATIONAL EQUIPMENT:-

The following is a list of the navigational equipment furnished each LSM:

(a) TITLE "B" - CLASS 18 EQUIPMENT

Azimuth circle	1
Barometer, Aneroid	1
Binnacle, dome head, shelf type, for 7-1/2" compass - (without spheres or brackets)	1
Binoculars, prismatic, 6x30 power . . .	1
Binoculars, prismatic, 7x50 power . . .	3
Clocks, deck	3
Clock, mechanical, type A, 24-hr. 6" dial	1
Compass, Navy, 7-1/2", ship #1	1

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44-2 NAVIGATIONAL EQUIPMENT:-

(a) (cont'd.)

Compass, boat, 5" card, underlit-type complete with dome head shelf type binnacle, with spheres	1
Compass reader	1
Flinders bar	1
Indicator, position angle (for use with binoculars in equipment of sky lookouts)	1
Pelorus, 4-1/2" dial	1
Protractor, 3-arm, transparent	1
Sextant, endless tangent screw	1
Stadimeter	1
Stand, binnacle, plywood (without sphere and flinders bar brackets)	1
Stand, binnacle, plywood (with sphere and flinders bar brackets)	1
Watch, chronometer, mounted with transporting case	1
Watch, stop, timer	1

(b) TITLE "C" - CLASS 18 EQUIPMENT

Case, navigators	2
Filters, for use with 7x50 binoculars	3
Magnets, semi-circular	2 sets
Protractor, Hoey	1
Rulers, parallel 12" & 15"	1 each
Spheres, compensating	2
Thermometer, air	2
Thermometer, max. & min.	1

(c) TITLE "C" - CLASS 21 EQUIPMENT

Lines, lead 900'	1 coil
Lines, lead 200'	2 coils

(d) TITLE "C" - CLASS 23 EQUIPMENT

Leads, 5 lb., 7 lb., 9 lb.	2 each
Leads, 14 lb., 25 lb., 50 lb.	1 each

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44-2 NAVIGATIONAL EQUIPMENT:-

(e) TITLE "C" - CLASS 37 EQUIPMENT

Goggles, variable density	6
Goggles, general purpose	10

44-3 GYRO COMPASS EQUIPMENT:-

The following is a list of the Gyro Compass Equipment furnished each LSM:

Sperry MK XVIII, Mod. 1, Master Compass, complete with control amplifier and motor generator	1
Voltage regulator	1
Repeater panels	2
Repeater compasses	3
Bulkhead repeater mountings	2
Pelorus stand	1
Battery transfer panel	1
Spare parts box, parts and tools	1

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