

## SCALE 29

### MESSES: OFFICERS' - PUBLIC ROOMS

1 This scale is to be read in conjunction with Scales 1, 39 and 40, and DMG 18. Where numbers are below 10, and the need for a separate mess is justified, or where numbers exceed 400, a special scale will be agreed.

2 In those messes where more than 50% of mess members live in (e.g. at colleges and training schools) the area provided under Serial 23 is to be increased as follows:

mess membership	51 - 60	+10%
	61 - 70	+12.5%
	over 70	+15%

3 Messes will normally be constructed to provide dining, recreational and sleeping accommodation in the same building. Consideration should be given to the problems of noise transmission from public rooms in siting sleeping accommodation.

4 To allow for flexibility in planning, the scale of public rooms, except the dining room, is given as an overall area. One of the other public rooms is to be planned as a continuation of the dining room and separated from it by

sliding doors. At Royal Navy and Royal Marines stations the ante room and bar/lounge are not to be selected for this purpose. The rooms to be provided will normally be as detailed in column (a), but variations may be made to suit the particular needs of units/stations. Part of the public room area may be provided as an informal sitting room/bar for living in members when required. In small messes it may be necessary to amalgamate some rooms to provide well proportioned rooms with economy of layout.

5 The term 'members' used in the scale refers to the number of officers, married and single, on establishment, plus trainees on established courses.

### SUB-TROPICAL AND TROPICAL INCREMENTS

6 Accommodation subject to increments over Home scales (see Scale 1)

Serial	Sub-tropical	Tropical
22 )		
23 )	plus 12.5%	plus 33.3%
24 )		

## MESSES: OFFICERS' - PUBLIC ROOMS (contd)

JSP 315

7 Bottle coolers are refrigerators, usually top loaded, fitted with racks for the storage of bottles. The standard articles in Service use contain either 96 or 310 half pint bottles.

The scale of provision is for the following numbers of bottles to be cooled.

Establishment	Sub-tropical	Tropical
11 - 50	96	192
51 - 100	192	288
101 - 200	288	406
201 - 300	406	502
Over 300	502	620

8 Curtain runners fixed to a suitable heading batten are to be provided in rooms where curtains are authorised.

## TV/FM AERIALS AND SOCKETS

9 Refer to Scale 1 Serials 88-89. The scale of provision of socket outlets is:

Television Room(s) - one per room.

Informal sitting room/bar - one.

## CHANGING/LOCKER ROOMS

10 Details of the provision to be made for changing/locker rooms for living out personnel are given in Scale 40.

11 - 20. Spare.

**MESSES: OFFICERS' - PUBLIC ROOMS (contd)**
**JSP 315**

Accommodation	Area	M & E Services	Planning Notes, Special Fittings, etc.												
(a)	(b)	(c)	(d)												
21 Entrance Hall and Corridors	To be provided out of area addition	<b>Illumination</b> - 175 lux for entrances, 100 lux for corridors, 50 lux for dustbin area. External light over entrances. Supplementary lighting over mirror and notice board, and for reception desk/cubicle. Individual lighting for telephone kiosks or hoods. <b>Electric Power</b> - One 13A double socket outlet to every 37.0m <sup>2</sup> of floor space, or to every 12m run of corridor. <b>Heating</b> - 16.0 <sup>0</sup> C.	Planned to give reasonably spacious entry. External doors to be self closing. Draught proof lobby. One mirror, 1360 x 460mm at each entrance. Notice board and letter rack. Telephone kiosks or individual hoods as follows: Up to 100 members 1 101 - 200 members 2 201 - 400 members 3 Reception desk or hall porter's cubicle may be designed to allow for the storage and sale of sundries if required.												
22a Dining Room	<table><tr><td>Members</td><td>m<sup>2</sup></td></tr><tr><td>10 - 50</td><td>89.0</td></tr><tr><td>51 - 100</td><td>139.0</td></tr><tr><td>101 - 150</td><td>189.0</td></tr><tr><td>151 - 200</td><td>238.0</td></tr><tr><td>201 - 250</td><td>277.0</td></tr></table>	Members	m <sup>2</sup>	10 - 50	89.0	51 - 100	139.0	101 - 150	189.0	151 - 200	238.0	201 - 250	277.0	<b>Illumination</b> - 125 lux Supplementary lighting 225 lux over serving points. Supplementary lighting over selected pictures and exhibits as required.	Area based on the use of standard 2.4 x 1.4m tables seating eight people. The number of seats authorised for the dining room under col.(b) excludes those which
Members	m <sup>2</sup>														
10 - 50	89.0														
51 - 100	139.0														
101 - 150	189.0														
151 - 200	238.0														
201 - 250	277.0														

**MESSES: OFFICERS' - PUBLIC ROOMS (contd)**
**JSP 315**

(a)	(b)	(c)	(d)
22a contd	251 - 300      328.0 301 - 350      377.0 351 - 400      426.0	<b>Electric Power</b> - One 13A double socket outlet for every 12m run of wall. Sockets for each item of powered equipment, e.g. toasters and hotplates, and floor mounted 13A socket outlets as required. <b>Heating</b> - 18.5°C.	will be needed for the dining room extension under Serial 23. The requirement for additional tables and chairs is to be calculated at planning stage. Provision for storage of this furniture is made under Serial 28. Buffet units are normally provided as free standing furniture (Not Works supply). However in messes with a membership of 101 or over, a built-in buffet unit may be provided in lieu.
22b Band Accommodation	12.0m <sup>2</sup>	As for room in which it is located, with supplementary lighting if required.	To be justified at Project Brief stage. Space may be provided either in the Entrance Hall or in the form of a Minstrels' Gallery or rostrum in the Dining Room.

**MESSES: OFFICERS' - PUBLIC ROOMS (contd)**
**JSP 315**

(a)	(b)	(c)	(d)
23 Other Public Rooms	<p>Members            m<sup>2</sup></p> <p>10 - 50            188.0</p> <p>51 - 100           283.0</p> <p>101 - 150          379.0</p> <p>151 - 200          454.0</p> <p>201 - 250          529.0</p> <p>251 - 300          604.0</p> <p>301 - 350          679.0</p> <p>351 - 400          753.0</p>		The minimum size of any of these rooms, except Serial 23f, is to be 19.0m <sup>2</sup> .
a Ante Room		<p><b>Illumination</b> - 125 lux Supplementary lighting where required.</p> <p><b>Electric Power</b> - One 13A double socket outlet for every 12.0m run of wall. Supply to electric fire.</p> <p><b>Gas</b> supply if required.</p> <p><b>Heating</b> - 18.5<sup>0</sup>C.</p>	Amenity open fireplace(s). May be electrical panel fire or gas fire in suitable surround.

**MESSES: OFFICERS' - PUBLIC ROOMS (contd)**

**JSP 315**

(a)	(b)	(c)	(d)
23b Bar/Lounge		<p><b>Illumination</b> - 75 lux for Bar, 125 lux for lounge.  Supplementary lighting 225 lux over serving points.  <b>Electric Power</b> - One 13A double socket outlet to every 37.0m<sup>2</sup> of floor space and One 13A double socket outlet for every 1.5m run of bar.  Power supply to bottle cooler(s), chilled display cabinets and for draught beer pumps.  <b>Heating</b> - 18.5°C.  <b>Water Supply</b> - Hot and cold.  <b>Air Handling</b> - extract and supply to bar area.</p>	<p>Fixed bar counter with a run of 1.5m basic plus 0.03m per member, shelves behind, and a lockable sliding shutter over. Hand wash basin. Stainless steel sink with draining board or glass washing machine. Chilled display cabinets, display shelving. Ice making machine. A small lock-up store with shelving and racking for bottles may be provided as part of it, and will include stainless steel sink(s) with draining board(s), stands for barrels, space for bottle cooler(s), shelving, security lock to doors and guard bars to windows. Refer to DMG 18.</p>

**MESSES: OFFICERS' - PUBLIC ROOMS (contd)**
**JSP 315**

(a)	(b)	(c)	(d)
23c Billiards		<b>Illumination</b> - 50 lux Light fittings for tables and marker boards. <b>Electric Power</b> - One 13A double socket outlet to every 37.0m <sup>2</sup> of floor space. <b>Heating</b> - 18.5 <sup>0</sup> C.	Not normally provided for less than 30 members. 30 - 80      1 table 48.0m <sup>2</sup> 81 - 160      2 tables 79.0m <sup>2</sup> 161 and over 3 tables 112.0m <sup>2</sup> Racks for cues; hooks, etc.
d Card/Writing		<b>Illumination</b> - 350 lux Supplementary local lighting as required <b>Electric Power</b> - One 13A double socket outlet to every 37.0m <sup>2</sup> of floor space. <b>Heating</b> - 18.5 <sup>0</sup> C.	
e Recreation		<b>Illumination</b> - 350 lux <b>Electric Power</b> - One 13A double socket outlet to every 37.0m <sup>2</sup> of floor space. <b>Heating</b> - 18.5 <sup>0</sup> C.	Normally provided in lieu of billiards room in small messes.

**MESSES: OFFICERS' - PUBLIC ROOMS (contd)**
**JSP 315**

(a)	(b)	(c)	(d)
f Television		<b>Illumination</b> - 50 lux <b>Electric Power</b> - One 13A double socket outlet to every 37.0m <sup>2</sup> of floor space and one 13A socket outlet for television. <b>Heating</b> - 18.5°C.	In larger messes one or more separate rooms may be provided where required. For TV/FM sockets see Serial 9.
g Visitors		<b>Illumination</b> - 175 lux <b>Electric Power</b> - One 13A double socket outlet to every 37.0m <sup>2</sup> of floor space. <b>Heating</b> - 18.5°C.	To be provided in all messes and planned conveniently close to bar/lounge.
24a Office for PMC/Secretary /Manager  b Mess Office	Refer to Scale 45	Refer to Scale 45	Sited so as to facilitate administrative control of the mess. Not to be in main entrance. To accommodate mess accounts. Built in wall safe as required. In larger messes with over 150 members, separate offices may be provided as required.



**MESSES: OFFICERS' - PUBLIC ROOMS (contd)**
**JSP 315**

(a)	(b)	(c)	(d)
25 Table Linen Store	members      m <sup>2</sup> 10 - 50      - 4.5 51 - 150      - 7.5 151 - 400      - 9.3	<b>Illumination</b> - 100 lux <b>Heating</b> - 13.0°C.	Slatted shelving.
26 Silver Plate and Cleaning Room	members      m <sup>2</sup> 10 - 25      - 7.0 26 - 150      - 9.3 151 - 400      - 15.0	<b>Illumination</b> - 225 lux <b>Heating</b> - 16.0°C. <b>Water Supply</b> - Hot and cold. <b>Ventilation</b> - Required when room is windowless to extract fumes.	Sited near to, but NOT in, kitchen. Steel door, with security lock. Shelving, baize lined. Sink. Guard bars to window.
27 Garden Furniture Store	5.6m <sup>2</sup>	<b>Illumination</b> - 100 lux	To be provided where mess has garden or patio.
28 General Store	0.1m <sup>2</sup> per member Minimum area    7.5m <sup>2</sup> See also Col (d)	<b>Illumination</b> - 100 lux <b>Heating</b> - 13.0°C.	To be located near to public rooms. Store to be increased in increments of 2.7 x 1.7m for each additional dining table (with chairs) provided under Serial 22. Shelving.
29 Cleaners Room			Refer to Scale 1 Annex B.

**MESSES: OFFICERS' - PUBLIC ROOMS (contd)**
**JSP 315**

(a)	(b)	(c)	(d)
30 Drinks Store	members      m <sup>2</sup> 10 - 50      14.0 51 - 100      17.0 101 - 150      20.0 151 - 200      26.0 201 - 300      32.0 301 - 400      39.0	<b>Illumination</b> - 100 lux <b>Heating</b> - Frost precautions only. <b>Water Supply</b> - Hot and cold.	To have external access for deliveries. Security lock to door; guard bars to windows. Shelving and racking for bottles. Restraint for gas cylinder(s) as necessary. Stainless steel sink with draining board. Refer to DMG 18.
31 Empties Store	members      m <sup>2</sup> 10 - 50      4.5 51 - 100      7.5 101 - 200      9.3 over 200      14.0	<b>Illumination</b> - 100 lux	To be provided externally as an enclosure, with space for recycling bins for empty bottles
32 Calorifier Room (if required)			Refer to Scale 1 Annex B
33 Fuel Store (if required)	To be provided out of area addition	<b>Illumination</b> - 100 lux	For amenity fireplace fuel. Planned to avoid passage of fuel through kitchen.

**MESSES: OFFICERS' - PUBLIC ROOMS (contd)**
**JSP 315**

(a)	(b)	(c)	(d)												
<p>34 Toilet Area (Based on total Mess Membership)</p> <p>10 - 20 21 - 50 51 - 100</p>	<p>To be provided out of area addition</p> <table><tr><td>WCs</td><td>Urinals</td><td>WHBs</td></tr><tr><td>6</td><td>3</td><td>7</td></tr><tr><td>10</td><td>5</td><td>10</td></tr><tr><td>13</td><td>8</td><td>14</td></tr></table> <p>Over 100 members, add 1 extra of each appliance for every additional 100 members or part thereof</p>	WCs	Urinals	WHBs	6	3	7	10	5	10	13	8	14	<p>Refer to Scale 1 Annex B.</p>	<p>To be provided for males and females, divided between the sexes as required, and sited in the vicinity of the entrance hall. Includes provision for visitors and for disabled. The area will include cloakroom space with one clothes hook or captive hanger per member and a powder room for females. Details of fixtures and fittings are at Scale 1 Annex B.</p>
WCs	Urinals	WHBs													
6	3	7													
10	5	10													
13	8	14													
<p>35 Staff Changing/Locker Room</p>			<p>Refer to Scale 40. Locker 1800mm x 380mm x 230mm NSN 7125-99-129-3453/4 (Not Works supply).</p>												

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