

JOB SPECIFICATIONS, TASK LISTS AND TRAINING OB

S. NO.	Job Specification	Task List
1.	2.	3.
1.	To carry out SS PPM routine on following Electrical equipment:- (a) Lighting systems (b) Domestic Electrical appliances (c) SRE and Broadcast equipment (d) CCS system	1.1 To carry out the following operations on equipment at:- (a) Operating (b) Testing (c) Swithcing (d) Starting/Stopping (e) Connecting/disconnecting (f) Routine Maintenance 1.2 To lubricate bearings and gear 1.3 To use insulating materials. 1.4 To survey and demand store 1.5 To use common hand tools a 1.6 To identify and use common equipment. 1.7 To follow ' As fitted Drawings
		1.1.1. 1.1.2. 1.1.3. 1.1.4. 1.1.5. 1.2.1. 1.2.2. 1.2.3. 1.2.4. 1.3.1 1.3.2. 1.4.1. 1.4.2. 1.4.3. 1.5.1. 1.5.2. 1.6.1 1.7.1 1.7.2. 1.7.3. 1.7.4.

OBJECTIVES FOR EMR ' s

Training Objectives	SOK
4.	5.
Knowledge of application of principles of the following:-	B
(a) Workshop Common tools,Measurements, EEP 2	
(b) Basic Electricity,Basic Electronics	
(c) Basic Radio & Basic Radar, Radar sets	B
(d) W/T sets, SRE & Broadcast, Lighting & Domestic equipments.	
(e) Administration.	
Knowledge of working principle of equipment at 1.	D
Knowledge of performance limitations of equipment at 1.	D
Observation of safety measures when working on Electrical/electronic equipment.	B
Knowledge of Grounding bonding Techniques (EMI/EMC)	
Knowledge of lubricants.	D
Knowledge of stores organisation,including survey and demand procedure.	D
Use of grease gun.	C
Use of bearing extractor.	D
To check insulation resistance.	C
Knowledge of types of insulating materials and their applications	C
Knowledge of storekeeping	C
Knowledge of stores organisation, including survey and demand procedure.	D
Knowledge of E lists and D 787 & B list.	D
Same as 1.1.1. (a)	
Knowledge of soldering/desoldering.	C
Knowledge of the use of Test equipment (1.1.1. (a) above)	C
Identification and interpretation of wiring and layout diagrams.	D
Identification of electrical and electronic components.	C
Retrieval of electrical and electronic component data .	D
To follow wiring and layout diagrams.	D

SPECIFICATIONS, TASK LISTS AND TRAINING OBJECTIVES FOR

S. NO.	Job Specification	Task List
1.	2.	3.
		1.8 To follow E2/EMAPs systems of PPM equipment at 1.
2.	To carry out SS Repairs to equipment listed at 1.	2.1 As at 1.1 to 1.8 2.2. To diagnose faults. 2.3 To carryout operational function on equipment. 2.3 To replace defective components.
3.	To assist senior Radio sailors in carrying out SS PPM routines on the following:- (a) Navigation Radars (b) Warning Radars (c) Echo Sounders (d) Video Display and plotting systems. (e) W/T equipment. (f) DF equipment (g) Teleprinters and cryptographic equipment.	3.1 As for 1.1. To 1.8 3.2 To assist in the following in regard t equipment at 3:- (a) Survey and demand of stores. (b) Operation of equipment. (c) Implementaiton of E2 systems of ppm (d) Removal an reassembly of components and assemblies. (e) Testing of equipment.
4.	To assist senior Radio sailors in carrng pit SS repairs to equipment at 3.	4.1 As for 1.1 to1.8 4.2 To assist in the following in regard to equipment at 3. (a) Identification of components to be replaced. (b) Testing of components being replaced (c) Component Assembly
5.	To carry out duties of duty EMR	5.1 To give first aid to personnel

affected by electrical shock.

Traning Objectives

SOK

4.

5.

1.7.5.	To follow 1950 system of marking	D
1.8.1.	Necessity of PPM	D
1.8.2.	Implementation of SS PPM.	D
1.8.3.	Maintenance of records	D
1.8.4.	Maintenance of performa checks.	D
2.1.1.	As at 1.1.1. To 1.8.5.	
2.2.1.	Technical details and operation of equipment at 1.	C
2.2.2.	Knowledge of euqipment performance and characteristics.	C
2.2.3.	To identify and locate defective components	C
2.3.1	Carry out operational function on CCS.	
2.3.1.	To test components being replaced	D
2.3.2.	To carry out component assembly.	D
2.3.3.	To carry out performance checks.	D
3.1.1.	As for 1.1.1. To 1.8.5.	
3.2.1.	Functional detials of equipment at 3.	D
3.2.2.	As for 1.8.1. To 1.8.4.	D
3.2.3.	Outline knowlegd of systems associated withequipment at 3.	D
4.1.1.	As for 1.1.1 to 1.8.5.	
4.2.1.	Knowledge of functional details of equipment at 3.	D
4.2.2.	Outline knowledge of types of test to be carrie out on equipment at 3.	D
4.2.3.	Knowledge of dockyard organisation.	D
5.1.1.	Knowledge of first aid.	C

- 5.1.2. Knowledge of artificial respiration. C
- 5.1.3. Knowledge of electrical/radiation hazards and methods of overcoming/preventing them. C

JOB SPECIFICATIONS, TASK LISTS AND TRAINING

S. NO.	Job Specification	Task List
1.	2.	3.
		5.2 To operate SRE supervise.
		5.3 To work under the direction of the duty senior electrical sailor.
6.	To carry out duties of ' R ' section storekeeper.	6.1 To maintain and stow ready use stores
		6.2 To survey and demand stores.
7.	To carry out watchkeeping duties in W/t Stations (Cat B)	7.1 To switch on shore W/T Transmitter and remote it to Comcen.
		7.2 To check frequency of all transmitters in use and carry out slight adjustments if necessary.
8.	* To carry out tasks in damage control and fire fighting teams under detached supervision.	
9.	* To be proficient in squad and rifle drill.	
10.	* To perform general tasks involving manual work	
11.	* To perform as a rifleman in a section ashore in a boarding party and be proficient in the use of 7.62 mm rifle.	

* Common for all branches sea level.s

G OBJECTIVES FOR EMR ' s

Traning Objectives		SOK
	4.	5.
5.2.1	Knowledge of working principles and operating details of SRE equipment.	C
5.2.2.	Knowledge of propagattion and reception of Radio waves.	C
5.2.3.	Knowledge of ships routine.	B
5.3.1.	Knowlegde of duties and Electrical duty persone at sea/harbour.	B
6.1.1.	Identification and stocking of Electrical stores.	C
6.1.2.	Knowledge of methods of storage	C
6.2.1.	Knowledge of store organisation on a ship.	D
6.2.2.	Knowledge of stores organisation at Bombay and Visakhapatnam.	D
6.2.3.	Knowledge of procedures involved in accouting of stores.	D
7.1.1.	Knowledge of remoting arrangements	
7.1.2.	Knowledge of signal communication organisation.	D
7.1.3.	Outline knowledge of shore based W/T equipment.	D
7.2.1	Knowledge of use of tuning controls.	C
7.2.2.	Knowledge of types of radio waves.	
7.2.3.	Ability to tune a transmitter using controls on the cabinet.	C