

MEMU CAR SHED / RJY

I. Brief History

- a) MEMU Services started in SCR on 01.09.1996 in BZA – GNT – TEL - OGL section by MOSR Sri Satpal Maharaj.
- b) MCS/RJY was developed by utilizing abandoned DSL Shed / RJY, initially with Rs 17.5 L under GM OOT / 1998-99.
- c) MCS/RJY started functioning from 18.11.1999 with an initial holding of 06 MCs & 18 TCs and was developed further in phased manner.
- d) MEMU services are being operated in 04 divisions (BZA, SC, HYD & GNT) of South Central Railway and 01 division (VSKP) of E.Co.Rly with 558 earned kilometers per day per rake online.
- e) One fully reserved MEMU express train has been working w.e.f 01.04.2021 with Train No. 07237/07238 BTTR-MAS-BTTR.



II. Details of Infrastructure facilities available at MCS/RJY

Shed Area	94,745 sq. m. (approx.) (755 m X 182m/92m)
Capacity	15 rakes of 16 car
Inspection Bay (fully covered) Existing Under Construction	1 Sunken pit of 16 car length (360MX9.5M) 1 Sunken pit of 12 car length (270MX9.5M)
Stabling Lines	3 lines 16 car length - 2Nos. 16 car length - 1No. For washing
Repair Shed	L L bay (76m x 15m) equipped with 30/5 T cranes : 2Nos & 5T : 1No. One Wheel park shed (20 m x 5m)
Turn Table	For face turning of MEMU Coaches
Service Building	Sections: Electrical, Mechanical, Pneumatic, PPIO, Stores & Machine Shop
Staff Rooms	Ladies & Gents
2nd service building at LL bay	Sections: CMT Lab, Rotary, Battery charging and Discharging room, General Section
Stores Depot	AMM depot, (Godown under construction)
Administrative building	DEE Chamber, Conference hall, DEE office, Technical section, Drawing section

III. Development of shed on Phased Manner

Phase	Reference	Cost	Status
I	Pink book No. 308/1999-2000	3.05 Cr	Completed in the year 2004
II	Pink book No. 337/2003-2004	5.69 Cr	Completed in the year 2009
III	Pink book No. 669/2016-2017	7.62 Cr	Started on 01.06.2017, Work is under execution (Lagged due to covid- 19, PDC : Aug-2021)
Umbrella	Pink book No.663/2020-2021	3.49 Cr	Approved, Estimate prepared and sent to accounts for vetting.

IV. Activities of MEMU Car Shed, Rajahmundry

- Schedule inspections i.e. Trip Schedules, IA Schedules, IC Schedules of MEMU rakes.
- Cleaning / Washing of Coaches.
- Under gear examination of Coaches.
- Un-schedule repairs and lifting attention of MEMU coaches.
- After POH attention of all coaches.

V. Types of Schedules & Periodicity

S.NO	Type of schedule	Periodicity
(i)	Under-gear examination/Brakesystem attention / BPC renewal at Pit line.	7 days or 3500 Kms whichever is earlier
(ii)	Trip Inspection	15 days
(iii)	IA Schedule	60 (+ 0 / -5) days
(iv)	IC Schedule	240 (+ 0 / -10) days
(v)	POH	18 months

VI. Holding of MCS/RJY

		MC	TC	Total
Holding	without Bio Toilets	49	25	74
	with Bio toilets	-	120	120
	Total	49	145	194
No. of rakes formed	1. 12 car (with Steel spring & 2 Toilet TCs) - 3 rakes 2. 12 car (with Air spring & 9 Toilet TCs) - 11 rakes 3. 8 car (with Air spring & 6 Toilet TCs) - <u>1 rake</u> 15 rakes			
No. of rakes in service	1. 12 car (with Steel spring & 2 Toilet TCs) - 3 rake 2. 12 car (with Air spring & 9 Toilet TCs) - 11 rakes 3. 8 car (with Air spring & 6 Toilet TCs) - <u>1 rake</u> 15 rakes			
No. of Services	12 Car : 51 8 Car : 2			
Avg. utilization per day	506 Km /day (12 car) 363 Km /day (08 car)			

VII. TYPES of FORMATIONS :

12 Car Formation

MC	TC	TC	TC	TC	TC	TC	TC	MC	TC	TC	TC	MC
----	----	----	----	----	----	----	----	----	----	----	----	----

08 Car Formation

MC	TC	TC	TC	TC	TC	TC	MC
----	----	----	----	----	----	----	----

VIII. MEMU Coaches Carrying Capacity

Coach	Seating	Standing	Total
MC	65	150	215
TC	80	200	280
Total capacity of 08- car rake			2110
Total capacity of 12- car rake			3165

MC - Motor coach with Driver cab & General compartment

TC - Trailer coach & General compartment

IX. Services & Night Stabling

Link – 1 (12 car)	Link – 2 (12 car)	Link – 3 (08 car)
RJY-BZA	RJY-BZA-OGL-GNT-BZA	BTTR-MAS-BTTR (MEMU Express 17237/17238)
BZA-GDR-TPTY	BZA-TEL-BZA-GNT-OGL-BZA-DKJ-KZJ	
TPTY-GDR-RU-GDR-BZA	KZJ-DKJ-BZA-GNT-BZA-BTTR	
BZA-RJY-VSKP-COA	BTTR-MAS-GDR	
COA-BZA-TEL-GNT-TEL-BZA-TEL-GNT	GDR-BZA-COA	
GNT-TPTY-GNT	COA-VSKP-VZM	
GNT-BZA-BDCR-BZA-RJY	VZM-VSKP-CHE-PSA-VZM-VSKP-RJY	

Night Stabling	RJY : 02	BZA : 03	GNT : 02	COA : 02	TPTY: 01	VZM: 01	KZJ: 01
	GDR: 01	BTTR: 02					

Note : Due to Covid, the above services are not in operation, except Link-3 MEMU express train (17237/17238). Only MEMU Work Man Special Trains are being run with 08 MEMU rakes of 08 car formations for movement of Railway personnel.

Services			
1	BZA-RJY-AKP	5	RJY-AKP-RJY
2	AKP-RJY-BZA	6	RJY-BZA-OGL
3	BZA-OGL-GDR	7	OGL-GDR-OGL
4	GDR-OGL-BZA	8	OGL-BZA-RJY