

EAST CENTRAL RAILWAY

**Office of the
General Manager(Vig.)
Hajipur**

No.: - ECR/Effi/WSR/MGS/18-19/28

Dated: 06.03.2019

**Sr. DOM
East Central Railway
Mughalsarai**

**Sub.:- Work study report on adequacy of staff strength of Sonnagar
Junction of Optg. Department of MGS Division.**

In connection to the above it is intimated that a work study has been conducted on adequacy of staff strength of Sonnagar Junction of Optg.Department of MGS Division.The work study team has recommended to surrender 20 posts of Leverman .

Hence it is requested to scrutinize the work study report and send reply within 10 days, so that the report may be finalized and intimated to Railway Board.

DA: Work study report in 08 pages.

**(A.Khalifa)
Efficiency Officer
For SDGM**

Copy to: (i) PCOM/HJP for kind information please.
(ii) PCPO/ HJP for kind information please.
(iii) ADRM/MGS for kind information please.
(iv) Sr. DPO/MGS for kind information please.

For SDGM



EAST CENTRAL RAILWAY

WORK STUDY REPORT

**ASSESS THE UTILITY OF STAFF STRENGTH OF
SONNAGAR JUNCTION OF
MUGHALSARAI DIVISION**

**EFFICIENCY CELL
EAST CENTRAL RAILWAY**

HAJIPUR

Study No. ECR/Eff./WSR/MGS/18-19/28

REVIEW

**OF
STAFF STRENGTH
OF
SONNAGAR JUNCTION
WORKING
AT
MUGHALSARAI DIVISION**

ECR/Effi/WSR/MGS/18-19/28

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**EFFICIENCY CELL
EAST CENTRAL RAILWAY
HAJIPUR**

EXECUTIVE SUMMARY

Study No.	ECR/Effi./WSR/MGS/18-19/28
Subject	Review of staff strength of Sonnagar Jn. of Optg. Department of MGS Division
Area	Sonnagar Jn.
Division	MGS
Department	Operating
Terms of Reference	Assessment of Man Power requirement
Total No. of Recommendations	01
No. of posts recommended for surrender	20
Financial Implication	111.68 Lakh
Month of Circulation	Feb. 2019

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SYNOPSIS

1. Indian Railways is one of the biggest transportation organisations among all other transport organisations in the

country. In fact the Railway is backbone of the country's transportation system. In the recent times, Railway is facing tremendous competition from road and air. In the time of competition transport system should not only be agile, prompt and amenable but also financially viable. In order to bring economy in expenditure the optimum utilization of man, machine and material will have to be ensured.

2. Indian Railways prime motto is to provide cheap and best transportation services to their users at a desired level of safety, security and punctuality. Being a large organization it plays a vital role in the Indian economy. These days, Indian economy is facing tough time, so it is the collective responsibility of every government organisation to keep close watch on their expenditure and check the expenditure accordingly.

CHAPTER -1

Introduction-

1.1 Indian Railways is the common carrier of the country with the aim to transport passenger and freight traffic from one place to another place at the desired level of

safety, security and punctuality. Indian Railway has a great reputation amongst other mode of transportation, as rail journey is considered to be the quickest, safest and comfortable journey. The safety category staff like SM/ASM, Drivers, Guard, Controllers, and points man etc. plays a great role in the operation of train

1.2 Sonnagar Jn. is an important station of MGS division movement.

1.3 System of signalling and means of working –The station is Route relay interlocked with MACL SIGNALLING, Which has been commissioned on 24.01.2019. Trains work under ABSOLUTE BLOCK SYSTEM.

1.4 There are 12 Lines including 04 Platform .

1.5 There are 17 pairs train stop this station and about 200 through passing train.

1.6 There are 02 Siding. One is SQT siding and other is O C Siding.

1.7 Goods Terminal –At present KCLS Siding have 02 lines. Traffic is not too much and other was in line no. 12(Previously line no. 13)

1.8 Adjacent station –DOS on MGS end and CPBH at Gaya end.

1.9 Terms of reference—To assess the requirement of different categories of staff of operating Department at Sonnagar Jn..

2.0 Methodology –

- A. Discussion with Sr. DOM/MGS
- B. Discussion with TI Planning.
- C. Discussion with station superintendent.
- D. Assessment of work load
- E. Arriving at staff requirement.

CHAPTER II

Present Scenario--

BOS - 67

MOR - 48

VACANCY - 19

2.1 Sonnagar Jn. is Route relay interlocked station with MACL signalling & under electrified section, which has been commissioned on 24.01.19 . Trains work under Absolute Block System .

2.2 There are two sidings in this yard. One is SQT siding and other is O C Siding.

2.3 There is a goods terminal named KCLS & other was in line no. 12 (Previously line no. 13), and the traffic in this line is yet to start.

CHAPTER III

3.0. CRITICAL EXAMINATION

BOS 67

MOR - 48

VACANCY - 19

3.1 Sonnagar Jn. is an important Junction of MGS Division. Sonnagar Jn. is Route relay interlocked Std III Junction Station, Points are set and locked through RRI by Station Master on duty.

3.2 After commissioning of Route relay Interlocking almost all the operational work is being done through buttons (switches) provided at the panel of RRI.

3.4 S S + SM

BOS = 24 MOR = 17 VACANCY = 07

SM incharge = 01

Fly over cabin=01 X 03 in each shift of 8 hrs
= 03

SM in RRI- Instrument operator = 01x03=03

Entry maker in Train signaling register =01x03=03

RRI Incharge per shift = 01x03=03

P.A. at Platform per shift =01x03=03

MGS control = 01

TOTAL = 17

RG + LR = 07

TOTAL = 24

Hence, present sanctioned strength is sufficient as per requirement

3.5 Peon

BOS = 01 MOR = 00 VACANCY = 01

S S Office = 01

$$\text{TOTAL} = 01$$

3.6 Leverman

$$\text{BOS} = 20 \quad \text{MOR} = 18 \quad \text{VACANCY} = 02$$

After Route relay interlocking there is no need of leverman.

Hence 20 posts of leverman may be surrendered.

3.7 Porter

$$\text{BOS} = 17 \quad \text{MOR} = 09 \quad \text{VACANCY} = 08$$

Fly over $01 \times 03 = 03$

RRI = $01 \times 03 = 03$

Station = $02 \times 03 = 06$

RG+LR = 05

Total = 17

3.8 Shuntman

$$\text{BOS} = 05 \quad \text{MOR} = 04 \quad \text{VACANCY} = 01$$

Junction Pilots $01 \times 03 = 03$

Rest giver+LR = 02

$$\text{TOTAL} = 05$$

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CHAPTER IV

RECOMMENDATION

The work Study Team after critically examining the work load of different categories of staff recommends surrender of following Post as under:-

S. No	Category	BO S	MO R	Requirement	Excess	Remark
01	Lever man	20	18	00	20	20 post may be surrenderd
	Total	20	18	00	20	

CHAPTER - V

FINANCIAL SAVINGS :--

If the recommendation of the study report is implemented, the annual recurring financial savings will be as under:

S. No.	Category	Scale of Pay(Rs)	Grade Pay	Level	No. of Post	Mean pay per staff per month (Rs)	Annual financial savings (Rs)
01	Lever man	5200-20200	1900	2	20	46536	11168640
TOTAL							11168640 i.e. 111.68 Lakh

Annexure –I

Staff position of Sonnagar Jn. of Optg MGS.

S. No.	Category	Scale	Grade pay	Level	Sanctioned Strength	Men on Roll	Vacancy
1	SS	9300-34800	4600	7	01	01	00
2	S.M	9300-34800	4200	6	23	16	07
3	Shuntman	5200-20200	1900	2	05	04	01
4	Peon	5200-20200	1800	1	01	00	01
5	Leverman	5200-20200	1900	2	20	18	02
6	Porter	5200-20200	1800	1	17	09	08
TOTAL					67	48	19



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