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(My dear----PCEs, All Indian Railways)

Sub: Planning and utilization of Shoulder Ballast Cleaning Machines.

Indian Railways master plan for complete mechanization of track maintenance envisages deep screening at an average cycle for 10 years and mid life shoulder ballast cleaning after 5 years of deep screening. A statement showing Railway-wise overall annual requirement of shoulder ballast cleaning, number of machines allotted, targets for 2010-11 and progress upto Nov.2010 is enclosed. It is seen that several Railways are lagging behind the proportionate target.

It is also noted that block demanded and granted for shoulder ballast cleaning machine are generally less than ballast cleaning machines. The activity of shoulder ballast cleaning can be carried out in shorter blocks without speed restrictions. The higher blocks for BCMs clearly show that similar blocks can be achieved for Shoulder ballast cleaning machine if the Railways lay equal emphasis on this activity.

Timely shoulder ballast cleaning will help in improving the drainage of track and hence its maintainability, and avoiding premature deep screening. The following measures may be taken in this regard:

- i) The month and year of shoulder ballast cleaning should be plotted in the track diagram in the same pattern as for deep screening and the arrears in this regard should be monitored.
- ii) The available machine should be deployed on priority on A, B & D spl. routes. Arrears of shoulder ballast cleaning on these routes should be wiped out on a programmed basis and no fresh arrears should be allowed to accrue on these routes.
- iii) If the shoulder ballast cleaning capacity of a railway exceeds the scope on A, B & D spl. routes, the other routes should be progressively brought under mechanized shoulder ballast cleaning.

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- vi) The zonal Railways should fix route-wise targets for mechanized shoulder ballast cleaning for each of the division and monitor the same through monthly PCDOs.
- v) Availability of the machines and blocks should be monitored to improve the utilization of these machines.

Yours sincerely,

[Signature]

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Copy to: i) Director, IRICEN, Pune for information.

ii) ED/Track and EDT/M RDSO for information and necessary action.

भारतीय रेलवे
 Ministry of Railways
 New Delhi
 २५/११/७४ जारी
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Annexure -

Rly	BG Track KM as on 1.04.10		Potential		Progress during 2009-10	ANNUAL TARGET 2010-11	PROP. TARGET UPTO NOV'10	TOTAL OUTPUT UPTO NOV'10	No. of Machines
	All Routes	A,B & Dspl Routes	All Routes	A,B & Dspl Routes					
ER	3963.8	2102.1	396.38	210.21	221	264	176	63	2
ECR	4589	3197	458.9	319.7	272	287	191	135	2
ECoR	3641.6	3324.1	364.16	332.41	213	317	211	100	2
NR	8764	4115	876.4	411.5	401	407	271	283	4
NCR	4211.3	2906.2	421.13	290.62	296	286	191	214	2
NER #	2223.7	652.3	222.37	65.23		77	33	22	1
NFR	2779.2	468.7	277.92	46.87	81	106	71	41	1
NWR	4300.5	1198.8	430.05	119.88	97	106	71	58	1
SR	5851	2493	585.1	249.3	220	212	141	159	2
SCR	7599.6	6013.7	759.96	601.37	185	232	155	131	2
SER	3863	2100.1	386.3	210.01	112	186	124	137	2
SECR	2807	2198.1	280.7	219.81	162	106	71	64	1
SWR	3311.1	952.6	331.11	95.26	276	265	177	183	2.5
WR *	5448.6	3040.6	544.86	304.06	138	259	173	149	2
WCR	4694.1	3634.5	469.41	363.45	3534	4094	2711	2243	32.5
Total	73586.8	42105.3	7358.68	4210.53					

* 3 Kershaw SBCM counted as 0.5

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New machine commissioned in Sep'10

RLY	Block Position of SBCM & BCM (Apr'10 to Nov'10)									
	SBCM					BCM				
	SBH	DBH	ABH	%BD	%BG	SBH	DBH	ABH	%BD	%BG
CR	1787	1199	513	67	43	5600	4493	2324	80	52
ER	930	555	252	60	45	2759	1985	1478	72	74
ECR	750	608	288	81	47	3150	3352	2666	106	80
ECoR	1600	1181	561	74	48	2600	2860	2159	110	76
NR	3033	2288	1104	75	48	5000	4384	2265	88	52
NCR	1599	1560	706	98	45	4798	3238	2088	67	64
NER	300	200	86	67	43	1600	1650	983	103	60
NFR	800	540	317	68	59	1400	780	647	56	83
NWR	800	694	287	87	41	2800	2149	1040	77	48
SR	1600	1355	538	85	40	4800	3896	2910	81	75
SCR	3195	2524	1089	79	43	9045	6885	3422	76	50
SER	1600	1336	568	84	43	3500	3512	2890	100	82
SECR	1229	1116	712	91	64	2417	2088	1306	86	63
SWR	800	584	232	73	40	1600	628	400	39	64
WR	2400	1902	993	79	52	4501	3894	2278	87	59
WCR	1500	1131	435	75	38	4000	3639	1446	91	40
IR	23923	18773	8679	78	46	59570	49433	30301	83	61