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TM/HM/DGS/Pt.III

Date: 05-03-2020

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विषय: डायनेमिक ट्रैक स्टेबलाइजर मशीन (डी०जी०एस-62 एन) की क्रिटिकल स्पेयर्स पार्ट सूची का संशोधन -1

Sub: Revision-1 of Critical Spares parts list of Dynamic Track Stabilizer (DGS- 62N).

डायनेमिक ट्रैक स्टेबलाइजर मशीन (डी०जी०एस-62 एन) की क्रिटिकल स्पेयर्स पार्ट सूची का संशोधन - 1 तैयार किया गया है। जिसकी प्रति, आपके सुचनार्थ तथा मशीन के कर्मचारियों जो फील्ड में काम कर रहे हैं, के मार्गदर्शन हेतु सलग्न है। यद्यपि उपरोक्त संशोधन बनाते समय सभी सावधानियाँ बरती गई हैं, फिर भी यदि कोई त्रुटि हो तो, कृपया अपने सुझावों/ टिप्पणियों को सुधार हेतु ई-मेल/ फैक्स/पत्राचार द्वारा अद्योहस्ताक्षरी को भेजे।

Revision-1 of Critical Spares Part lists of Dynamic Track Stabilizer (DGS- 62N) has been prepared. A copy of the same is enclosed herewith for your information and guidance of the machine staff working in the field. However, every care has been taken during revision of the above said list, the discrepancy noticed, if any, may be brought to the knowledge of the undersigned for further improvement, by email/fax/post.

Email id - hmtmmrdsso@gmail.com

DA: As above


5.3.2020
(ओम प्रकाश)

निदेशक रेलपथ मशीन-III

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**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
CRITICAL SPARES PARTS LIST
OF
DYNAMIC TRACK STABILIZER**



**(DGS-62N)
(Rev.1 of 2020)**

**FEBRUARY 2020
RESEARCH DESIGNS & STANDARDS ORGANISATION
LUCKNOW-226011**

PREFACE

For maintenance of any machine, timely availability of spare parts and consumables play an important role. Thus, to keep the machine in sound condition, first and foremost prerequisite is availability of spares and consumables. As there are thousands of items/spares which are required for maintenance of machine, it is very much required to identify critical spares which are vital and in turn, to ensure availability of such spares well within the scheduled time.

With reference to CE/TMC, seminar held on 4th& 5th April 2019, comments received from SECR & ECOR. On the basis of which, revision-1 of critical spares for DGS-62N have been prepared. It may be noted that this is the list of spares required for the normal maintenance of the machine for one year only and does not include the spares required for IOH, POH and other spl. Maintenance. Requirement for such schedule maintenance (IOH/POH) and emergency maintenance/attention, may be assessed separately on need basis by zonal railways itself.

(Om Prakash)
Director Track Machine-III

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SITE- At machine

STMD - Satellite depot

ZTMD - Zonal depot

DGS(62-N)					ENGINE		
S.No	Brief description	Part no.	Nos per M/C	Estt. life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
1. ENGINE (KTA 1150 WATER COOLED OUT PUT: 473 HP,RPM 2100)							
1.1	Lube Oil	EPICF-4 15W40 CF4	45 lts	0.3	126 lts	63 lts	63 lts
1.2	V-belt	B-95/97	3	0.6	3	0	2
1.3	V-belt	A-65	2	0.6	1	0	2
1.4	V-belt	A-55	1	0.6	1	0	0.6*
1.5	V-belt (extra lighting)	A-38	1	0.6	1	0	0.6*
1.6	Distilled water	-----	-----	----	20 L	----	----
1.7	Lub. Oil Pressure gauge	500109	1	6	0	0	0.2*
1.8	Lub. Oil pressure switch	-	1	6	0	0	0.2*
1.9	Temperature gauge	-	1	6	0	0	0.2*
1.10	Temperature Switch	-	1	6	0	0	0.2*
1.11	Shut down coil	3030970/3247640	1	6	1	0	0
1.12	Fuel filter	3166555	2	0.3	2	2	2
1.13	Lube oil filter	3166554	2	0.3	2	2	2
1.14	Lube oil Bypass filter	3873576	1	0.3	1	1	1
1.15	Air cleaner (outer)	4055280	2	1	1	1	0
1.16	Air cleaner (inner)	4055279	2	1	1	1	0
1.17	Hose pipe (by pass KTA 1150)	AS 0603500SS	1	6	0	0	0.2*
1.18	Self-starter	20/3021038 DELCO REMY 50MT.	1	6	1	0	0
1.19	Alternator BOSCH make (28V/55A)	00120469643	2	6	0	0	0.3*
1.20	B check kit	3238514/(KIT3238493+3238 204+3879488)	1	0.3	1	0	0.3*

*minimum quantity 1

DGS(62-N)					HYDRAULICS		
S.No	Brief description	Part no.	Nos per M/C	Estt. life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
2.1 FILTER							
2.1.1	Filter element	HY-D501.32.10H/ES	1	0.25	1	1	2
2.1.2	Filter element	HYS.501.160.P10ES	2	0.5	2	1	1
2.1.3	ZF filter element	HYD.501.225.25 ES	1	0.5	1	0	1
2.1.4	Hyd. return filter	HYR.501.330.10 ES	1	0.5	1	0	1
2.1.5	Hyd. suction filter	HYS.501.460.150 ES.	1	0.5	1	0	1
2.2 VALVE							
2.2.1	Valve	HY157.50	1	6	0	0.2*	0
2.2.2	Valve	HY511.19/75Y	1	6	0	0.2*	0
2.2.3	Valve	HY56R	1	6	0	0	0.2*
2.2.4	Valve	HY6RSD-B	1	6	0	0	0.2*
2.2.5	Valve	HY6RSE-B	3	6	0	0	0.5*
2.2.6	Valve	HYRSJ-B	1	6	0	0	0.2*
2.2.7	Safety valve	HY511.08	1	6	0	0.2*	0
2.2.8	Proportional valve	HY.511.39	1	6	0	0	0.2*
2.3 MOTOR							
2.3.1	Hyd motor	HY701.N17RE	1	6	0	0	0.2*
2.3.2	Motor	HY910X56/61W-PZB020	1	6	0	0	0.2*
2.3.3	Motor	HY916N500	4	6	0	0	0.6*
2.3.4	Motor	HY916N800	1	6	0	0	0.2*
2.3.5	Motor	HY925N32/D	2	6	0	0	0.2*
2.3.6	Oil cooler motor	HY 90 N 42	1	6	0	0	0.2*
2.3.7	Oil cooler motor	HY 157 48	1	6	0	0	0.2*

*minimum quantity 1

DGS(62-N)					HYDRAULICS		
S.No	Brief description	Part no.	Nos per M/C	Estt. life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
2.4PUMP							
2.4.1	Pump	HY 704/71L/EL/A 350 BAR	1	6	0	0	0.2*
2.4.2	Pump	HY 704 X90 L/EL/A175 BAR	1	6	0	0	0.2*
2.4.3	Double pump	HY830X17.10RE	1	6	0	0	0.2*
2.4.4	Hydraulic pump	HY 832X20.14	1	6	0	0	0.2*
2.5CYLINDER							
2.5.1	Cylinder	HZGB.040.025.0360.1	4	6	0	0	0.6*
2.5.2	Cylinder	HZGB.063.036.0050.1.00 1	4	6	0	0	0.6*
2.5.3	Cylinder	HZMB.063.036.0180.1	4	6	0	0	0.6*
2.5.4	Cylinder	HZMB.100.063.0350.1.00 2	4	6	0	0	0.6*
2.5.5	Cylinder	WM388-U1C2B	1	6	0	0	0.2*
2.6SEAL KIT							
2.6.1	Seal kit	HZ01.040	1	2	0	0	0.5*
2.6.2	Seal kit	HY156.08H.DS	1 Set	2	1	1	0
2.6.3	Seal kit	HY511.12DS	1 Set	2	1	0	0
2.6.4	Seal kit	HZ.01.100	2 Set	2	1	1	0
2.6.5	Seal kit	HZ.02.040.025	2 Set	2	1	0	0
2.6.6	Seal kit	HZ.02.063.036	2 Set	2	1	0	0

*minimum quantity 1

DGS(62-N)					HYDRAULICS		
S.No	Brief description	Part no.	Nos per M/C	Estt. life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
2.6.7	Seal kit	HZ02.100..063	2	2	1	1	0
2.6.8	Seal kit	HZ01.063	2 Sets	2	1	0	0
2.6.9	Seal kit	UD.50.550DS	2 Sets	2	1	1	0
2.7 HYDRAULIC HOSE							
2.7.1	Hydraulic hose,5m with end fitting	SAE.100.R2-04	-----	6	1	0	1
2.7.2	Hydraulic hose,5m with end fitting	SAE.100.R2-06	-----	6	1	0	1
2.7.3	Hydraulic hose,5m with end fitting	SAE.100.R2-08	-----	6	1	0	1
2.7.4	Hydraulic hose,5m with end fitting	SAE.100.R2-10	----	6	1	0	1
2.7.5	Hydraulic hose,5m with end fitting	SAE.100.R2-12	----	6	1	0	1
2.7.6	Hydraulic hose,5m with end fitting	SAE.100.R2-16	----	6	1	0	1
2.7.7	Hydraulic hose,5m with end fitting	SAE.100.R2-20	----	6	1	0	1
2.7.8	High pressure Hyd.hose with end fitting (7.25m)	2755-(100R2-16X)	-	6	1	0	0
2.7.9	Hydraulic return hose	R5R-10	----	6	5m	0	5m
2.7.10	Hydraulic return hose	R5R-12	----	6	5m	0	5m
2.7.11	Hydraulic return hose	R5R-16	----	6	6m	0	5m
2.7.12	Hydraulic return hose	R5R-20	----	6	5m	0	5m
2.7.13	Hydraulic return hose	R5R-24	----	6	5m	0	5m
2.8 OTHERS							
2.8.1	Rubber ring	W33.83	2	0.5	2	2	0
2.8.2	Guide bush	HZ06.040.025	8	6	1	0.3*	0
2.8.3	Guide bush	HZ06.100.063	8	6	1	0.3*	0
2.8.4	Guide bush	HZ06.063.036	8	6	1	0.3*	0
2.8.5	Piston rod Assy	HZ10.063.036.0050.1	8	2	0	2	2

*minimum quantity 1

DGS(62-N)					HYDRAULICS		
S.No	Brief description	Part no.	Nos per M/C	Estt. life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
2.8.6	Pressure gauge	HY154.20	1	6	0	0	0.2*
2.8.7	Hydraulic Oil	APICF-4 HLP68 OR Equivalent	960 ltr	2	210 ltr	240 ltr	240 ltr
2.8.8	Piston rod Assy	HZ10.063.036.0180.1	8	2	0	2	2
2.8.9	Piston rod Assy	HZ10.100.063.0350.1.002	8	1	0	4	4
2.8.10	Switch	HY154.05H	2	1	1	1	0
2.8.11	Pressure gauge	HY154.21	1	6	0	0	0.2*
2.8.12	Pressure gauge	HY154.22	1	6	0	0	0.2*
2.8.13	Pressure gauge	HY154.23	1	6	0	0	0.2*
2.8.14	Accumulator	HY156.08H	1	6	0	0	0.2*
2.8.15	Oil cooler	HY157.48A	1	6	0	0	0.2*

*minimum quantity 1

DGS-62N					MECHANICAL		
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
3.1 SHAFT							
3.1.1.	Cardon shaft	LZ400LA50/387/30	1	6	1	0	0
3.1.2.	Cardon shaft	LZ 470LA40/58730 FLD 180	1	6	0	0	0.2*
3.1.3.	Cardon shaft	KGV.180.1250.110.80	1	6	0	0	0.2*
3.1.4.	Cardon shaft	KGW 180090011000	1	6	0	0	0.2*
3.1.5.	Cardon shaft	KGW 180100011000	1	6	0	0	0.2*
3.1.6.	Cardon shaft	KGW.180.1250.110.00	1	6	0	0	0.2*
3.2 BEARING							
3.2.1.	Roller bearing	31312	4	2	0	0	2
3.2.2.	Roller bearing	31315	2	2	0	0	1
3.2.3.	Needle bearing	NA6913	2	6	0	0.3*	0
3.2.4.	Needle bearing	NKI70/30	2	6	0	0.3*	0
3.2.5.	Roller bearing	NU2216EMC3	8	6	0	1	0.3*
3.2.6.	Roller bearing	32009	8	2	0	2	2
3.3 BUSH							
3.3.1.	Bush	118095	1	6	0	0	0.2*
3.3.2.	Bush	DL15006	2	6	0	0	0.3*
3.3.3.	Bush	MB3025DU	1	6	0	0	0.2*
3.3.4.	Bush	MB5550DU	1	6	0	0	0.2*
3.3.5.	Bush	6030DU	1	6	0	0	0.2*
3.3.6.	Bush	MB9060DU	1	6	0	0	0.2*
3.3.7.	Bush	MB9090DX	1	6	0	0	0.2*
*minimum quantity 1							

DGS-62N					MECHANICAL		
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
3.4OTHERS							
3.4.1.	Gear box	1032-04-010421	1	6	0	0	0.2*
3.4.2.	Gear oil	SAE 90	20ltr	0.5	20ltr	10ltr	10ltr
3.4.3.	Roller	GLF311840	4	2	0	0	2
3.4.4.	Clamp roller	GLF311810	4	2	0	0	2
3.4.5.	Universal joint	GE25UK2RS	1	6	0	0	0.2*
3.4.6.	Shaft	DL24006900LG	1	6	0	0	0.2*
3.4.7.	AVM	5048053-11MN55	4	6	0	0	0.6*
3.4.8.	Angle gear	1.02201E+11	1	6	0	0	0.2*
3.4.9.	Buffer	40x30M10A/A	2	6	0	0	0.3*
3.4.10.	Buffer	40x30M10A/m	2	6	0	0	0.3*
3.4.11.	Fitting	CM/38X15DIN7604-MMAG	4	6	0	0	0.6*
3.4.12.	Clamp lever	CU311230	2	6	0	0	0.3*
3.4.13.	Crown wheel/pinion	EM163001012Z/EM163106 Z	1	6	0	0	0.2*
3.4.14.	Universal joint	GE1000	1	6	0	0	0.2*
3.4.15.	Bolt	GLF311317	12	2	2	2	2
3.4.16.	Bolt	GLF311718	12	2	2	2	2
3.4.17.	Clevis	GLF311809	1	6	0	0	0.2*
3.4.18.	Tube	GLF311824	2	2	0	0	1
3.4.19.	Spacer ring	GLF311825	1	2	0	0	0.5*
3.4.20.	Roller	GLF311841	2	2	0	0	1
*minimum quantity 1							

DGS-62N					MECHANICAL		
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
3.4.21.	Flange ring	GLF311843	1	2	0	0	0.5*
3.4.22.	Castle nut	GLF311845	2	2	0	0	1
3.4.23.	Axle	GLF311847	1	6	0	0	0.2*
3.4.24.	Plug	JP0012	1	6	0	0	0.2*
3.4.25.	Grease nipple	R1/4ZDIN3404M1/GERADE	124	2	12	25	25
3.4.26.	Grease nipple	R1/4ZDIN1412H1/GERADE	50	2	5	10	10
3.4.27.	Grease	MP2/RR3	15 KG	-----	-----	-----	-----
3.4.28.	Universal joint	SOLA16-574	1	6	0	0	0.2*
3.4.29.	Axle guard	UD16006	4	6	0	0	0.6*
3.4.30.	Spring	UD311307	4	6	0	0	0.6*
3.4.31.	Pin	UD311314	4	6	0	0	0.6*
3.4.32.	Disc spring	UD6160555SHORE	4	6	0	0	0.6*
3.4.33.	Damping block	UD72305	2	6	0	0	0.3*
3.4.34.	Block	UD76100	1	6	0	0	0.2*
3.4.35.	Bolt	WN10735h1111258-1	10	6	0	0	2
3.4.36.	Plug	WSV60	1	6	0	0	0.2*
3.4.37.	Axle gear housing	UD 64.1301	2	6	0	0	0.3*
3.4.38.	Gear wheel and pinion	EMI 6300.1012 EMI 63.106	2	6	0	0	0.3*
3.4.39.	Torque support	PB.61.05	1	6	0	0	0.2*
*minimum quantity 1							

DGS-62N					MECHANICAL		
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
3.4.40.	Torque support	PB.61.10	1	6	0	0	0.2*
3.4.41.	Roller (Vibrating)	GLF.311/841/856	8	6	0	1	0.3*
3.4.42.	Horizontal vibrator (Yoke)	GLF.70.800	1	6	0	0	0.2*
3.4.43.	Horizontal vibrator (Yoke)	GLF.70.850	1	6	0	0	0.2*
3.4.44.	Vibration gear box	GLF.70.900	1	6	0	0	0.2*
3.4.45.	Vibration gear box	GLF.70.950	1	6	0	0	0.2*
3.4.46.	Bogie wheel (Measuring)	GLF.236.3001	1	2	0	0	0.5*
3.4.47.	Bogie wheel (Lining)	GLF.236.101.V	1	2	0	0	0.5*
3.4.48.	Meggie flex washer	741444 MITTEL	16	2	0	0	8
3.4.49.	Angle joint	AS16DIN71802M10	16	2	0	0	8
3.4.50.	Angle joint	AS13DIN71802M8	16	2	0	0	8
*minimum quantity 1							

DGS-62N				ELECTRICAL /ELECTRONICS			
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
4.1 PCB							
4.1.1.	PCB	EK-152V.06	1	6	0	0	0.2*
4.1.2.	PCB	EK812SV-00	1	6	0	0	0.2*
4.1.3.	PCB	EK-2186LV-00A	1	6	0	0	0.2*
4.1.4.	PCB	EK-2187LV-00A	1	6	0	0	0.2*
4.1.5.	PCB	EK-2255LV-00	1	6	0	0	0.2*
4.1.6.	PCB	EK-2684LV-00	1	6	0	0	0.2*
4.1.7.	PCB	EK-503P-00	2	6	0	0	0.3*
4.1.8.	PCB	EK-552P-00	6	6	0	0	1
4.1.9.	PCB	EK-553P-00B	2	6	0	0	0.3*
4.1.10.	PCB	EK-554P-00A	4	6	1	0	0.6*
4.1.11.	PCB	EK-603E-00	1	6	0	0	0.2*
4.1.12.	PCB	EK-813SV-00A	4	6	1	0	0
4.1.13.	PCB	EL-SU-T59.00	1	6	0	0	0.2*
4.1.14.	PCB	EL-T1163.00	1	6	0	0	0.2*
4.1.15.	PCB	EL-T5096.00	1	6	0	1	0.2*
4.1.16.	PCB	EL-T5100.00	1	6	0	0	0.2*
4.1.17.	PCB	EL-T5226.00	1	6	0	0	0.2*
4.1.18.	PCB	EL-T5234.00	1	6	0	0	0.2*
4.1.19.	PCB	EL-T5348.00	1	6	0	0	0.2*
4.1.20.	PCB	EL-T5353.00	1	6	0	0	0.2*
4.1.21.	PCB	EL-T5354.00	1	6	0	0	0.2*
4.1.22.	PCB	EL-T5390.00	1	6	0	0	0.2*
*minimum quantity 1							

DGS-62N				ELECTRICAL /ELECTRONICS			
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
4.1.23.	PCB (pendulum)	ELT 5571.02	3	6	1	0	0
4.1.24.	PCB	EK-805 SV-00	1	6	1	0	0
4.2 TRANSDUCER							
4.2.1.	Transducer	EL-T1151A	1	6	0	0	0.2*
4.2.2.	Transducer	32.801/004/002	1	6	0	0	0.2*
4.2.3.	Transducer	323.805/001/001	1	6	0	0	0.2*
4.2.4.	Transducer	340.807/001/001	1	6	0	0	0.2*
4.2.5.	Transducer	360.081/030/037	1	6	0	0	0.2*
4.2.6.	Transducer	360.081/037/018	1	6	0	0	0.2*
4.3 RELAY							
4.3.1.	Relay	332209203	1	6	0	0	0.2*
4.3.2.	Relay	EL-T1218S	6	6	1	0	0
4.3.3.	Relay (300 AMP)	0333009002	3	6	1	0	0
4.3.4.	Relay	EL-T7002/S4-24V	32	6	2	1	2
4.3.5.	Relay	EL-T7010	2	6	1	0	0
4.3.6.	Relay	EL-T7018	4	6	1	0	0
4.3.7.	Relay	EL-T7045/12	2	6	1	0	0
4.3.8.	Relay	EL-T7045/24	6	6	1	0	0
4.3.9.	Relay	EL-T7064/24	6	6	1	0	0
4.4 CIRCUIT BREAKER							
4.4.1.	Circuit breaker	EL-T7126/10A	4	6	0	0	0.6*
4.4.2.	Circuit breaker	EL-T7126/15A	4	6	0	0	0.6*
4.4.3.	Circuit breaker	EL-T7126/25A	2	6	0	0	0.3*
*minimum quantity 1							

DGS-62N				ELECTRICAL /ELECTRONICS			
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
4.4.4.	Circuit breaker	EL-T7126/5A	4	6	0	0	0.6*
4.4.5.	Circuit breaker	412.K54LN2/5A	10	6	1	0	0.6*
4.4.6.	Circuit breaker	412.K54LN2/10A	6	6	1	0	0
4.4.7.	Circuit breaker	412.K54LN2/15A	4	6	1	0	0
4.5 OTHERS							
4.5.1.	Diode	1A600VIN4005/IN4007	100	6	10	0	6
4.5.2.	Potentiometer	20KOHM-10SKALA/K200-G	1	6	0	0	0.2*
4.5.3.	Temperature switch	232.011/017/032	1	6	0	0	0.2*
4.5.4.	Bulb	24V2WBA9S/3797	12	6	2	0	0
4.5.5.	Amplifier	2635	1	6	0	0	0.2*
4.5.6.	Seal ring	2700320038	1	6	0	0	0.2*
4.5.7.	Fuse	5X20/2AFLINK	12	6	2	0	0
4.5.8.	Fuse	5X20/4AFLINK	4	6	1	0	0
4.5.9.	Fuse	5X20/6AFLINK	2	6	1	0	0
4.5.10.	Fuse	EL-T272/4Amp	16	6	2	0	1
4.5.11.	Globe/ Bulb Indicator	26V1,4WT5.5	12	6	1	0	1
4.5.12.	Temperature switch	323.803/002/002	1	6	0	0	0.2*
4.5.13.	Drive shaft	EL-T155-03-650LG	1	6	0	0	0.2*
4.5.14.	Bulb	36V2WBA9S	12	6	2	0	0
4.5.15.	Head Light Bulb	24V 80Watt (Halogen)	6	6	1	0	0
4.5.16.	Working Light Bulb	24V 36Watt (Halogen)	12	6	2	0	0
4.5.17.	Diode	3A1000V1N5408	24	6	4	0	0
*minimum quantity 1							

DGS-62N			ELECTRICAL /ELECTRONICS				
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
4.5.18	Plug	42241-2	1	6	0	0	0.2*
4.5.19	Accelerometer	4383S	1	6	0	0	0.2*
4.5.20	Module	6041232136	1	6	0	0	0.2*
4.5.21	Connector	6141404	1	6	0	0	0.2*
4.5.22	Switch	64.07.1000.54	1	6	0	0	0.2*
4.5.23	Pressure Gauge	EL-T1001.00	1	6	0	0	0.2*
4.5.24	Potentiometer	EL-T1044	1	6	0	0	0.2*
4.5.25	Potentiometer	EL-T1062	1	6	0	0	0.2*
4.5.26	Proportional Transducer	EL-T 1064.00	2	6	0	0	0.3*
4.5.27	Switch contact element(NO)	EL-T1050-5	25	6	4	0	0.2*
4.5.28	Switch contact element(NC)	EL-T1050-0	25	6	4	0	0.2*
4.5.29	Switch magnetic	216537	1	6	0	0	0.2*
4.5.30	Switch (Proximity sensor)	EL-T1422 KU	4	6	1	0	0
4.5.31	Pressure Gauge	EL-T1256.00	2	6	1	0	0
4.5.32	Rev. Counter	EL-T1264.00B	1	6	0	0	0.2*
4.5.33	Switch	EL-T1455/KU	6	6	1	0	0
4.5.34	Limit Switch	EL-T198T/JL SL-1	8	6	1	0	0.3*
4.5.35	Chord wire	2MM/80MLG	-----	1	50m	50m	50m
4.5.36	Indicator	EL-T1473/2V	4	6	0.6*	0	0
4.5.37	Drive shaft	EL-T155.03-850LG	1	6	0	0	0.2*
4.5.38	Plug	EL-T190.8	1	6	0	0	0.2*

*minimum quantity 1

DGS-62N			ELECTRICAL /ELECTRONICS				
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
4.5.39	Pulse drive	EL-T2117.00	1	6	0	0	0.2*
4.5.40	Plug	EL-T272SA	2	6	0	0	0.3*
4.5.41	Relay	EL-T277	24	6	2	1	1
4.5.42	Potentiometer	EL-T500HQA	2	6	0	0	0.6*
4.5.43	Potentiometer	EL-T5592.002	3	6	1	0	0
4.5.44	Potentiometer	EL-T595A	2	6	1	0	0
4.5.45	Microphone	EL-T631	1	6	0	0	0.2*
4.5.46	Relay	EL-T663	12	6	2	0	0
4.5.47	Voltmeter	EL-T7005.00E	2	6	0	0	0.3*
4.5.48	Ampere meter	EL-T7013.00/ERSATZ	1	6	0	0	0.2*
4.5.49	Power supply	EL-T7050.400	4	6	1	0	0
4.5.50	Encoder	EL-T7055/700AF	1	6	1	0	0
4.5.51	Plug	EL-T7056S	4	6	1	0	0
4.5.52	Plug	EL-T7078	24	6	2	2	0
4.5.53	Plug	EL-T7079	4	6	1	0	0.6*
4.5.54	Plug	EL-T82	2	6	1	0	0
4.5.55	Motor	EL-T1017.00	2	6	0	0	0.2*
4.5.56	Power relay	RM738024	2	6	1	0	0
4.5.57	Socket	SMDD08014/ROT	1	6	1	0	0
4.5.58	Socket	SMDD08014/GELB	1	6	1	0	0
4.5.59	Socket	SMDD08214/GRUIN	1	6	1	0	0
4.5.60	Carrier	SSP70.01.610	1	6	1	0	0
4.5.61	Amplifier	VT3005G-9032-A822	1	6	0	0	0.2*
*minimum quantity1							

DGS-62N			ELECTRICAL /ELECTRONICS				
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
4.5.62.	Pendulum	EL-T 2036.00A	1	6	0	0	0.2*
4.5.63.	Pendulum	EL-T 2037.00	1	6	0	0	0.2*
4.5.64.	Magnetic coil (for valve no.90342)	GE-25	12	6	2	0	0
4.5.65.	Magnetic coil (for Hyd. valve)	Hyd solenoid coil	30	6	2	0	3
4.5.66.	Carrier Reversible	EL-T213-06D	2	6	0	0	0.3*
*minimum quantity 1							

DGS-62N					PNEUMATIC		
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
5.1 VALVE							
5.1.1.	Valve	90342	1	6	0	0.2*	0
5.1.2.	Valve	90343	1	6	1	0	0
5.1.3.	Valve	90344	1	6	0	0.2*	0
5.1.4.	Brake valve (Indirect)	90364	1	6	0	0.2*	0
5.1.5.	Brake valve	90370	4	6	1	0	0
5.1.6.	Reducing valve	90189	7	6	1	0.2*	0
5.1.7.	Valve	WM607B1X	1	6	0	0	0.2*
5.1.8.	Air pressure governor	90201	1	6	1	0	0
5.1.9.	Pn.air unloader valve	90202	1	6	1	0	0
5.1.10.	Safety valve	90204	1	6	0	0.2*	0
5.1.11.	Valve (system ON and auto parking brake)	90346	2	6	1	0	0
5.1.12.	Valve	90338H	1	6	0	0.2*	0
5.1.13.	Valve	90416	1	6	0	0.2*	0
5.1.14.	Valve	90254/H	1	6	0	0.2*	0
5.1.15.	Pressure regulator/pn. Unloader Valve	90200	1	6	0	0.2*	0
5.1.16.	Brake Valve (Indirect)	903660	2	6	1	0	0
5.2 SEAL KIT							
5.2.1.	Seal kit	90344DS	4	2	0	2	0
5.2.2.	Seal kit	90201DS	1	2	0	0.5*	0
5.2.3.	Seal kit	90345/46/DS SUB.90346DS	4	2	0	2	0
5.2.4.	Seal kit	90419DS	4	2	0	2	0
*minimum quantity 1							

DGS-62N					PNEUMATIC		
S No	Brief description	Part no	Nos per M/C	Estt life cycle in Yrs	Requirement		
					SITE	STMD	ZTMD
5.2.5.	Seal kit	PN1Z35S	4	2	0	2	0
5.2.6.	Seal kit	PN2Z50DS	4	2	0	2	0
5.2.7.	Seal kit	PN2Z100DS	2	2	0	1	0
5.2.8.	Seal kit	PN2Z70DS	4	2	0	2	0
5.2.9.	Seal kit	90346DS	2	2	0	1	0
5.3 OTHERS							
5.3.1.	Flexible hose (compressor to cooling coil)	90291-500 LG	1	6	1	0	0
5.3.2.	Vacuum gauge	10L350	1	6	0	0	0.2*
5.3.3.	Pressure gauge	90263	1	6	0	0	0.2*
5.3.4.	Pressure gauge	90283	1	6	0	0	0.2*
5.3.5.	Water separator	90181/3231787/90356	3	6	0	0.5*	0
5.3.6.	Air oiler	90180	1	6	1	0.2*	0
5.3.7.	Pressure switch	90450R2/20	4	6	1	0	0
5.3.8.	Pressure switch	90451R0/2	4	6	1	0	0
5.3.9.	Pressure switch	90451R2/20	4	6	1	0	0
5.3.10.	Jublee clamp	5-10 mm	-----	6	12	6	6
5.3.11.	Jublee clamp	10-15 mm	-----	6	6	3	3
5.3.12.	Brake seal	12"	2	2	1	0	0
5.3.13.	Brake shoe	WN 146-730K/K4	8	1	4	4	0
5.3.14.	Cartridge air dryer	4324102227	2	0.5	2	1	1
5.3.15.	Over flow valve	90246A	1	6	1	0	0
5.3.16.	Pn. Hose	12.5 mm	-----	2	20m	10m	10m
5.3.17.	Pn. Hose	6.3 mm	-----	2	25m	20m	20m
*minimum quantity 1							

ACKNOWLEDGEMENT

Following officers and staff have made their valuable contributions in finalization of the Critical Spares Parts List for Dynamic Track Stabilizer (DGS-62N)

RAILWAYS

- | | | |
|----------|-----------------|------------------------------|
| 1. S/SRI | A.K.Pandey | Chief Engineer//TM, ECOR |
| 2. S/SRI | D.Satyanarayana | Dy. Chief Engineer//TM, SECR |

RDSO

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