ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY

LI+,(GAURD ROOM LIGHT)

LI+,(LUGGAGE ROOM LIGHT)

L-

LI+

F+

F+

F+

LII+

LI+

TO SHEET-2/3

LI+,(LUGGAGE ROOM LIGHT)

LS+

F+

LII+

LI+

TO SHEET-2/3

L-

F-

LSN

PE

FDB-1

FDB-2

FDB-3

FDB-11

FDB-12

FDB-13

EPPFS-1
(+VE)

EPPFS-1
(-VE)

EXF-1 (NPP END)

R,Y,B,PE

LL-1

GL-1

DL-2

DL-1

L,(PE)

PE

L-

F(PE)

PE

L-

F-

PE

LI+

LI+

L-

LI+

#VHF BOX
GUARD ROOM

LED-1

LED-2

F-1

F-2

F-3

F-4

L,F&LS(PE)

L-

F-

PE

L-

F-

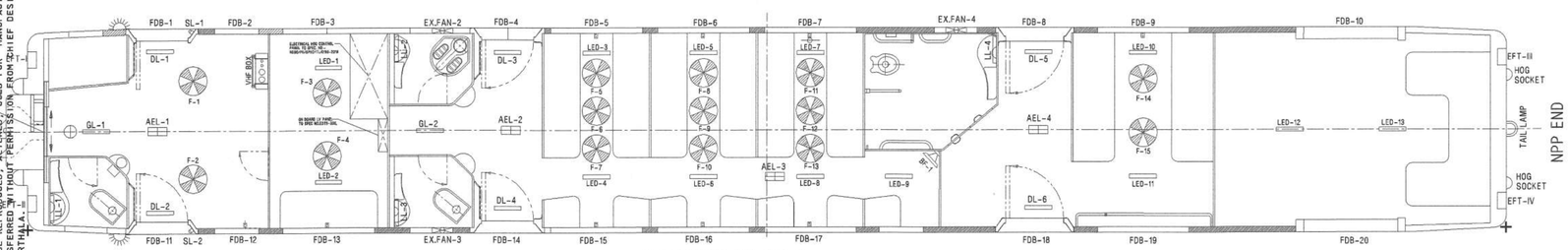
PE

LIGHT,FAN & LS CIRCUIT

EXHAUST
FAN-2,3&4

(190V 3Ø-AC) FROM UNDERFRAME

110V DC FROM UNDERFRAME



REFERENCE DIAGRAM

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NIL			NIL	NIL	NIL	NIL
WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	LR70032 ALT NIL		
WEIGHT	FILE	Z:\LR70032slo.prt				
NIL KG		WIRING ARRANGEMENT FOR ROOF FOR HOG COMPLIANT LHB EOG NON-AC LSLRD (31-SEATER) COACH			SCALE	SSE/ED
S.AREA						CHD
NIL M²						DRN
~~LENGTH/DIA~~		RAIL COACH FACTORY, KAPURTHALA			REF.DRG.No.	NIL
NIL M						
~~WIDTH/THICK.~~		रेल कोच फैक्टरी कपूरथला	IRS		PL NO.	NIL
NIL M					DRG.NO.	LR70032
HEIGHT						
NIL M		SEE/VD		DY.CEE/D	ALT.	a
					SIZE	A1
					SHEET	1/3

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.

DATE OF FIRST ISSUE 03/03/2021

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY

FROM SHEET-1/3

LI+,(VHF BOX)
LS+OUT
LS+
F+
LII+
LI+

TO SHEET-3/3

FDB-4
EPPFS-2 (+VE)
EPPFS-3 (+VE)
LL-3 LL-2 GL-2 DL-4 DL-3
EPPFS-2 (-VE)
EPPFS-3 (-VE)

FDB-5
CABIN-1 LS-1
LED-4 LED-3
F-5 F-6 F-7

FDB-6
CABIN-2 LS-2
LED-5 LED-6
F-8 F-9 F-10

FDB-7
CABIN-3 LS-3
LED-8 LED-9 LED-7
F-11 F-12 F-13

FDB-8
EPPFS-4 (+VE)
LL-4 DL-6 DL-5
EPPFS-4 (-VE)

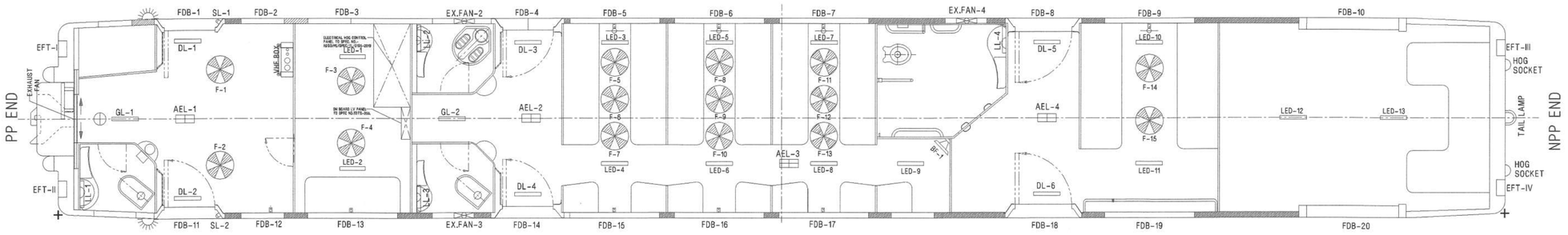
FDB-14 FDB-15 FDB-16 FDB-17 FDB-18

L-
F-
LSN
PE

FROM SHEET-1/3

TO SHEET-3/3

LIGHT,FAN & LS CIRCUIT



REFERENCE DIAGRAM

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NIL	NIL	NIL	NIL	NIL
WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	LR70032 ALT NIL		
WEIGHT	FILE	Z:\LR70032s2a.prt				
NIL KG	WIRING ARRANGEMENT FOR ROOF FOR HOG COMPLIANT LHB EOG NON-AC LSLRD (31-SEATER) COACH			SCALE	SSE/ED	
S.AREA					CHD	
NIL M²					DRN	
~~LENGTH/DIA~~	RAIL COACH FACTORY, KAPURTHALA			REF.DRG.No.	NIL	
NIL M						
~~WIDTH/THICK.~~	रेल कोच फैक्टरी कपूरथला		IRS	PL NO.	NIL	
NIL M				DRG.NO.	LR70032	
HEIGHT						
NIL M	SEE/VD		DY.CEE/D	ALT.	0	SIZE A1 SHEET 2/3

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ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
a	02/02/2026	ALL	1.LIGHT,FAN & MCS WIRING DIAGRAM CIRCUIT UPDATED. 2.ABBREVIATION & LOAD CHART UPDATED AND DRAWING MODIFIED ACCORDINGLY.	CR NO. 2300250016

FROM SHEET-2/3

LI+,(VHF BOX)
LS+OUT
LS+
F+
LII+
LI+

FDB-9

CABIN-4
LS-4

LED-10
LED-11
F-14
F-15

FDB-19

L-
F-
LSN
PE

FDB-10

LED-12
LED-13

FDB-20

LI+,(VHF BOX)

PACIL-1
LS+OUT
PACIL(-VE)
PE
PACIL-2

PASSENGER ALARM COACH
INDICATION LIGHT CIRCUIT

AEL-1 AEL-2 AEL-3 AEL-4

ACCIDENTAL EMERGENCY LIGHT CIRCUIT

MCS-10 MCS-11 MCS-12
MCS-7 MCS-8 MCS-9
MCS-4 MCS-5 MCS-6
MCS-1 MCS-2 MCS-3
MCS-17 MCS-16 MCS-15 MCS-14 MCS-13

MOBILE CHARGING CIRCUIT FOR (110V AC)

CABLE SIZE

CABLE SIZE	SYMBOL	SPECIFICATION
1.5 SQ.MM.THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V.		ELRS/SPEC/ELC/0019 REV-4 OR LATEST.
4 SQ.MM.THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V.		

ELECTRICAL HOG CONTROL PANEL
TO SPEC RDSO/PE/SPEC/TL/0195-2019
HOG PANEL — HOG CONTROL CABLE — UIC SOCKET
HOG CONTROL CABLE — UIC SOCKET
HOG UIC CONTROL CABLE
18-CORE AS PER RDSO/PE/MS/AC/0051-2011/AM-1/RCF ANX-4

EFT-I EFT-II EFT-III EFT-IV
SPN-I SPN-II SN-I SN-II
TO ELECTRICAL CUBICLE EFT CIRCUIT

EMERGENCY FEED TERMINAL

LIGHT,FAN & LS CIRCUIT

PP END — NPP END
EXHAUST FAN
FDB-1 SL-1 FDB-2 FDB-3 EX.FAN-2 FDB-4 FDB-5 MCS-1,2,3 FDB-6 MCS-4,5,6 FDB-7 MCS-7,8,9 EX.FAN-4 FDB-8 FDB-9 MCS-10,11,12 FDB-10
FDB-11 SL-2 FDB-12 MCS-13 FDB-13 MCS-14 EX.FAN-3 FDB-14 FDB-15 MCS-15 FDB-16 MCS-16 FDB-17 MCS-17 FDB-18 FDB-19 FDB-20
EFT-I EFT-II EFT-III EFT-IV
HOG SOCKET
TAIL LAMP
GL-1 GL-2
AEL-1 AEL-2 AEL-3 AEL-4
DL-1 DL-2 DL-3 DL-4 DL-5 DL-6
LED-1 LED-2 LED-3 LED-4 LED-5 LED-6 LED-7 LED-8 LED-9 LED-10 LED-11 LED-12 LED-13
F-1 F-2 F-3 F-4 F-5 F-6 F-7 F-8 F-9 F-10 F-11 F-12 F-13 F-14 F-15
JUNC.BOX
ELECTRICAL HOG CONTROL PANEL TO SPEC NO. RDSO/PE/SPEC/TL/0195-2019
DN BOARD LV PANEL TO SPEC NO.ELEC/TD-0019

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S.AREA						CHD
NIL M²						DRN
~~LENGTH/DIA~~	RAIL COACH FACTORY, KAPURTHALA				REF.DRG.No.	NIL
NIL M	~~WIDTH/THICK.~~	रेल कोच फैक्टरी कपूरथला	IRS		PL NO.	NIL
NIL M	HEIGHT				DRG.NO.	LR70032
NIL M	SEE/VD		DY.CEE/D		ALT.	a
					SIZE A1	SHEET 3/3