

No.	Description	Doc. No.
1	Traction analysis	JDEVS-MPDP-PS-PY-126-03
2	Power balance	JDEVS-MPDP-AC-EA-211-00
3	Electrical design Guideline(cabling) Propulsion & TCMS	JDEVS-MPDP-PS-CL-128-02
4	Noise analysis	JDEVS-MPDP-PS-TR-154-00
5	Axleboxes and gearbox bearings verification	JDEVS-MPDP-GB-SP-603-00
6	Verification of key components compliance with specifications	JDEVS-MPDP-PS-VR-130-00
7	Verification of other components compliance with specifications	JDEVS-MPDP-PS-VR-131-00
8	Thermal balance verification (propulsion)	JDEVS-MPDP-PS-TA-132-00
9	Weight management analysis	JDEVS-MPDP-GB-WR-601-00
10	scheme of propulsion system	JDEVS-MPDP-PS-WG-156-00
11	propulsion system description	JDEVS-MPDP-TS-ED-103-00
12	scheme of TCMS system	JDEVS-MPDP-TS-AR-508-01
13	TCMS system description	JDEVS-MPDP-TS-PS-137-00
14	list of standards (JDEVS)	JDEVS-MPDP-PS-GD-115-00
15	TCMS	JDEVS-MPDP-TS-SP-507-02
16	current collector	JDEVS-MPDP-PS-TR-158-00
17	propulsion system	JDEVS-MPDP-MC-PD-210-00
18	auxiliary power system	JDEVS-MPDP-PS-TR-146-00
19	parameters recorder	JDEVS-MPDP-TS-PS-148-00
20	propulsion system	JDEVS-MPDP-PS-TR-149-01
21	propulsion system	JDEVS-MPDP-PS-TR-149-01
22	parameters recorder	JDEVS-MPDP-TS-PS-148-01
23	Document List, Customer Doc CD	JDEVS-MPDP-PS-PC-122-00
24	Norns & Standards, Medium power propulsion	JDEVS-MPDP-PS-GD-115-00
25	System description, Propulsion scope	JDEVS-MPDP-PS-PS-135-00
26	Product Description MCM	JDEVS-MPDP-MC-MD-306-01
27	Product Description ACM	JDEVS-MPDP-AC-PS-204-00
28	Product Description HV-box MCM	JDEVS-MPDP-HB-PS-404-00
29	Product Description HV-box ACM	JDEVS-MPDP-HB-PS-405-00
30	Product Description VCU	JDEVS-MPDP-TS-SP-501-00
31	Product Description Traction Motor	TAAM-MPDP-TM-SP-701-00
32	Bearing specification	TAAM-MPDP-TM-SP-704-00
33	Product Description Digital input/output unit	JDEVS-MPDP-TS-SP-502-00
34	Product Description Digital input/output unit	JDEVS-MPDP-TS-SP-502-01
35	Product Description Digital input	JDEVS-MPDP-TS-SP-502-00
36	Product Description Digital input	JDEVS-MPDP-TS-SP-502-01
37	Product Description Drivers Desk I/O unit	JDEVS-MPDP-TS-SP-504-00
38	Product Description Drivers Desk I/O unit	JDEVS-MPDP-TS-SP-504-01
39	User Manual, IDU	JDEVS-MPDP-TS-MA-505-00
40	Operating Instruction Gearbox & Reaction rod	JDEVS-MPDP-GB-IS-650-00
41	Operating Instruction Coupling	JDEVS-MPDP-GB-IS-650-00
42	Operating Instruction Coupling	JDEVS-MPDP-GB-IS-650-01
43	Mounting instruction, Gearbox	JDEVS-MPDP-GB-TN-613-00
44	Mounting / dismounting instruction, Gearbox	JDEVS-MPDP-GB-MD-649-00
45	Mounting / dismounting instruction, Gearbox	JDEVS-MPDP-GB-MD-649-02

46	Gearbox and Coupling Installation Instructions	JDEVS-MPDP-GB-ID-609-00
47	Housing, Manufacturing & Assembly Drawing GearBox	JDEVS-MPDP-GB-DW-611-00
48	Maintenance Instruction ACM	JDEVS-MPDP-AC-IS-203-00
49	Maintenance Instruction HV-Box MCM	JDEVS-MPDP-HB-MD-402-00
50	Maintenance Instruction HV-Box ACM	JDEVS-MPDP-HB-MD-403-00
51	Maintenance Instruction MCM Fan	JDEVS-MPDP-MC-IS-308-02
52	Maintenance Instruction Traction Motor	TAAM-MPDP-TM-MD-729-01
53	Maintenance Instruction Traction motor, Relubrication of bearings	TAAM-MPDP-TM-MD-729-01
54	Maintenance Instruction Traction motor, Preventive maintenance	TAAM-MPDP-TM-MD-729-01
55	Maintenance Instruction DCU	JDEVS-MPDP-MC-IS-309-00
56	Maintenance, Overhaul & Repair instruction	JDEVS-MPDP-PS-IS-302-00
57	Test Specification, TCMS standstill tests	JDEVS-MPDP-TS-SP-507-01
58	Test Specification, TCMS standstill tests	JDEVS-MPDP-TS-SP-507-02
59	TCMS Software & Hardware Architecture	JDEVS-MPDP-TS-AR-508-01
60	Software Design Description, High Voltage	JDEVS-MPDP-TS-SP-509-02
61	Software Design Description, Train operation	JDEVS-MPDP-TS-SP-510-03
62	Software Design Description, Propulsion	JDEVS-MPDP-TS-SP-511-02
63	Software Design Description, Information	JDEVS-MPDP-TS-SP-512-00
64	Software Design Description, Train Diag System	JDEVS-MPDP-TS-SP-513-02
65	Software Design Description, TDS Picture Model	JDEVS-MPDP-TS-SP-514-02
66	Software Design Description, Brake	JDEVS-MPDP-TS-SP-515-01
67	Software Design Description, Battery	JDEVS-MPDP-TS-SP-516-01
68	Software Design Description, Doors	JDEVS-MPDP-TS-SP-517-01
69	Software Design Description, HVAC	JDEVS-MPDP-TS-SP-518-02
70	Software Design Description, Comp & Comm	JDEVS-MPDP-TS-SP-519-01
71	Software Design Description, MCM	JDEVS-MPDP-TS-SP-520-00
72	Software Design Description, ACM	JDEVS-MPDP-TS-SP-521-02
73	Event Indication Signal Description	JDEVS-MPDP-TS-SP-523-02
74	Circuit Diagram, Vehicle level	JDEVS-MPDP-PS-WG-109-04
75	MCM: Outline drawing	JDEVS-MPDP-MC-DW-304-01
76	MCM: Assembly drawing	JDEVS-MPDP-MC-DW-305-01
77	MCM: Circuit diagram	JDEVS-MPDP-MC-DG-300-02
78	ACM: Outline drawing	JDEVS-MPDP-AC-DW-206-01
79	ACM: Assembly drawing	JDEVS-MPDP-AC-DW-207-01
80	ACM: Circuit diagram	JDEVS-MPDP-AC-DG-200-00
81	HV-box MCM & MCM-Cab: Outline Drawing	JDEVS-MPDP-HB-DW-407-01
82	HV-box MCM: Assembly drawing	JDEVS-MPDP-HB-DW-408-01
83	HV-box MCM-Cab: Assembly drawing	JDEVS-MPDP-HB-DW-409-00
84	HV-box MCM: Circuit Diagram	JDEVS-MPDP-HV-DG-410-00
85	HV-box MCM-Cab: Circuit Diagram	JDEVS-MPDP-HB-DG-411-00
86	HV-box ACM: Outline drawing	JDEVS-MPDP-HB-DW-412-01
87	HV-box ACM: Assembly drawing	JDEVS-MPDP-HB-DW-413-01
88	HV-box ACM: Circuit Diagram	JDEVS-MPDP-HV-DW-414-00
89	Line Circuit Breaker: Assembly drawing	JDEVS-MPDP-HB-DW-415-00
90	Line Circuit Breaker: Circuit drawing	JDEVS-MPDP-HB-DW-416-00
91	Traction motor: Outline drawing	TAAM-MPDP-TM-DW-702-00
92	Motor-General Assembly & BOM (As built drawing)	TAAM-MPDP-TM-AD-730-00
93	Gearbox: Outline drawing	JDEVS-MPDP-GB-DW-602-00
94	Gearbox & Coupling drawing	JDEVS-MPDP-GB-DW-610-00
95	Coupling, Complete drawing	JDEVS-MPDP-GB-DW-602-00
96	Removal & Replacement instrument, DCU	JDEVS-MPDP-PS-IS-112-01
97	Preventive Maintenance Schedule	JDEVS-MPDP-PS-MD-113-00
98	Parts List of Major Components for Gearbox & Coupling	JDEVS-MPDP-GB-PL-604-00
99	List of Recommended Spare Parts for Gearbox & Coupling	JDEVS-MPDP-GB-PL-630-00
100	Technical Specification for Gearbox & Coupling	JDEVS-MPDP-GB-SP-600-01

101	Bearing specification (Gearbox & Coupling)	JDEVS-MPDP-GB-SP-603-00
102	Painting Specifications (Gearbox & Coupling)	JDEVS-MPDP-GB-SP-607-00
103	Gearbox & Coupling Specification	JDEVS-MPDP-GB-SP-608-00
104	Casting Specification Report	JDEVS-MPDP-GB-SP-612-00
105	Training course document Gearbox	JDEVS-MPDP-GB-TN-614-00
106	Shock and Vibration Test Report for Gearbox	JDEVS-MPDP-GB-TR-625-00
107	Gearbox & Coupling Visual and Dimension Inspection	JDEVS-MPDP-GB-VI-635-00
108	Weight Report for Gearbox & Coupling	JDEVS-MPDP-GB-WR-601-00
109	The Material use for housing and gear according to Technical instructions	JDEVS-MPDP-GB-IS-605-00
110	Bill of Material (BOM) Traction Motor	TAAM-MPDP-TM-BM-715-00
111	Traction Motor Illustrated parts catalog	TAAM-MPDP-TM-IP-725-00
112	QC report for bushing GearBox	JDEVS-MPDP-GB-IC-627-00
113	Material Description for Gearbox & Coupling installation	JDEVS-MPDP-GB-BD-639-00
114	Packing Boxes Specification Gearbox	JDEVS-MPDP-GB-IS-615-00
115	Maintenance Manual for Gearbox	JDEVS-MPDP-GB-MD-637-00
116	Maintenance Manual for Gearbox	JDEVS-MPDP-GB-MD-637-01
117	Maintenance Manual of Coupling	JDEVS-MPDP-GB-MD-648-00
118	Maintenance Manual of Coupling	JDEVS-MPDP-GB-MD-648-02
119	Shock and Vibration Simulation Analysis for traction motor	TAAM-MPDP-TM-MN-710-00
120	Weight Report and SolidWorks Model Traction Motor	TAAM-MPDP-TM-WR-732-00
121	Test and Commissioning Procedure for Braking Resistor (On-site)	BORNA-MPDP-BR- PE -831
122	Dynamic Braking Resistor (DBR)	DBR Test Report
123	Connector Information for Braking Resistor	BORNA-MPDP-BR-CI-808
124	Outline Drawing of Braking Resistor	BORNA-MPDP-BR-DW-806
125	Cover of Braking Resistor	BORNA-MPDP-BR-GD-804
126	Locking Methods of Mechanical Fasteningsfor Braking Resistor Equipment	BORNA-MPDP-BR-GD-813
127	Braking Resistor Visual and Dimension Inspection	BORNA-MPDP-BR-GD-829
128	Maintenance for Braking Resistor	BORNA-MPDP-BR-MD-809
129	Parts List for Braking Resistor	BORNA-MPDP-BR-PL-810
130	Quality Assurance Program Plan (QAP)	BORNA-MPDP-BR-PL-819
131	Braking Resistor Illustrated parts catalog	BORNA-MPDP-BR-PL-827
132	Test Plan for Braking Resistor Equipment	BORNA-MPDP-BR-PL-828
133	Earth Grounding Scheme	BORNA-MPDP-BR-SC-801
134	Technical Specification for Braking Resistor	BORNA-MPDP-BR-SP-800
135	Labelling Information (Exterior & Interior labels for Braking Resistor)	BORNA-MPDP-BR-SP-800
136	Weight Report for Braking Resistor	BORNA-MPDP-BR-WR-802
137	Traction analysis	JDEVS-MPDP-PS-PY-126-00
138	Bill of Material (BOM)	JDEVS-MPDP-PS-BM-108-01
139	Bill of Material (BOM)	JDEVS-MPDP-PS-BM-108-02
140	Project Numbering System	JDEVS-MPDP-PS-PC-002-05
141	TCMS Engineering Design	JDEVS-MPDP-TS-ED-103-00
142	Installation & Removal Description ioPAC 8600 series	JDEVS-MPDP-TS-SP-506-00
143	General over view on bracking effort	JDEVS-MPDP-PS-DG-140-00
144	Speed Sensor Wiring Diagram	JDEVS-MPDP-PS-WG-125-00
145	Speed Sensor Specification	JDEVS-MPDP-PS-DG-124-00
146	AC and DC loads of auxiliary power system	JDEVS-MPDP-AC-EA-211-00
147	Verification of other Components Compliance With Specifications	JDEVS-MPDP-PS-VR-131-00
148	Verification of key Components Compliance With Specifications	JDEVS-MPDP-PS-VR-130-00
149	Parameter Recorder	JDEVS-MPDP-TS-PS-148-00
150	Noise analysis	JDEVS-MPDP-PS-TR-154-00
151	Thermal balance verification (propulsion)	JDEVS-MPDP-PS-TA-132-00
152	Special tools and Test Equipment	JDEVS-MPDP-PS-EI-532-00
153	Fault Finding Instruction For PPC Scope	JDEVS-MPDP-PS-IS-534-00
154	Routine test of propulsion system report	JDEVS-MPDP-PS-TR-145-00
155	Routine test of auxiliary power system report	JDEVS-MPDP-PS-TR-146-00

156	Transport and Storage Instructions for JDEVS@DCU	JDEVS-MPDP-TS-IS-548-00
157	Software Design DescriptionLogon ident IDU	JDEVS-MPDP-TS-SP-546-00