



Maintenance Schedule

DOCMSELMA001

Issued by	Date	Language	Revision	Page
ABB Oy, Product Support	2004-04-02	en	D	1 (2)
Creator name	Kari Wallenius		Distribution	External Public

SELMA 2 MAPPED SYSTEMS

Legend:	
Replacement of component	R
Inspection (visual inspection, correction and replacement if needed)	I
Performance of on-site work (commissioning, tests, measurements, etc.)	P

	Years from start-up																					
	0	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Start-up	P																					
Operation Station																						
➤ Visual inspection		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Mechanical joints		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Key board overlay		I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	
➤ Output device		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Inspection of disk station/stations		P	I	I	P	I	I	P	I	I	P	I	I	P	I	I	P	I	I	P	I	
➤ Operate system function test		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
➤ System backup				P					P					P					P			
SELMA 2 cabinet																						
➤ Visual inspection		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Mechanical joints		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Main power supply (UPS)				P					P					P					P			
➤ Auxiliary voltages		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Power supply unit		I	I	I	I	I	I	R	I	I	I	I	I	I	I	I	R	I	I	I	I	
➤ Cooling fan unit		R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	
➤ Batteries on SELMA boards		R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	
➤ Fan on SELMA		I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	
➤ Cleaning/ change of fan filter		R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	
➤ Cleanliness of SELMA racks				P					P					P					P			
Battery																						
➤ Visual inspection		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Mechanical joints		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Auxiliary voltages		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Water levels of batteries		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Cooling system																						
➤ Visual inspection		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Mechanical joints		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Cleaning/ change of fan filter		R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	
Parameters																						
➤ Inspection and change		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Backing-up the parameters from programs to EEPROM		P			P			P			P			P			P			P		
M-Unit (DG automatic)																						
➤ Checking the panels		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
➤ Switch function inspection		P			P			P			P			P			P			P		



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Updates in Electric Repair Center																						
➤ Change the capacitors of power units									R								R					
Improvements																						
➤ SW / HW upgrade to improve performance if necessary																						
➤ ABB VideoPrint																						
➤ SELMA 2 modbus																						
➤ Electrical interface RS232																						
Spare Parts																						
➤ Spare parts																						