

<b>ABB</b>	<b>Maintenance Schedule</b>				<b>DOCSSAMID001</b>			
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ABB Oy, Product Support	2004-08-17	en	E	1 (1)				
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## SAMI Megastar W Drives

### Legend:

Replacement of component	<b>R</b>
Inspection (visual inspection, correction and replacement if needed)	<b>I</b>
Performance of on-site work (commissioning, tests, measurements, etc.)	<b>P</b>
Replacement if high ambient temperature or cyclic heavy duty	<b>(R)</b>

	Years from start-up																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>Start-up</b>	P																				
<b>Cooling</b>																					
> Ion compound and mech. filters		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
> Cooling fan of SADT39POWP		I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I
> Control rack fan (option)		I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I
> Cooling pump seals		I	I	I	R	I	I	I	I	I	I	I	R	I	I	I	I	I	I	I	R
> Cooling pumps		I	I	I	I	I	I	I	R	I	I	I	I	I	I	I	R	I	I	I	I
> 6 mm pipes of the snubber circuit		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I
> Heat exchanger		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
<b>Aging</b>																					
> Battery of CPU board (4.x ->)		I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I
> Battery of UPS (separately agreed)		I	R	I	R	I	R	I	R	I	R	I	R	I	R	I	R	I	R	I	R
> Electrolytic capacitors (PA, PAU, MP, MN)		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I
> Aux. power supply board SADT39POWP and ADC24 unit		I	I	I	I	I	I	I	I	R	I	I	I	I	I	I	I	I	R	I	I
> Chopper capacitors		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I
> Auxiliary chopper capacitors		I	I	I	I	I	I	I	R	I	I	I	I	I	I	I	R	I	I	I	I
> Snubber capacitors		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I
> Discharge relays		I	I	I	I	I	(R)	I	I	I	I	I	R	I	I	I	I	I	(R)	I	I
> DC capacitors (CBU)		I	I	I	I	I	I	I	R	I	I	I	I	I	I	I	R	I	I	I	I
<b>Connections &amp; Surroundings</b>																					
> Fiber optic cables		I	I	I	I	I	I	I	R	I	I	I	I	I	I	I	I	R	I	I	I
> Cable connections		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
> Dustiness, corrosion and temperature		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
> Quality of supply voltage		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
<b>Improvements</b>																					
> SW / HW upgrade		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
> Upgrade of TRA and POWF boards		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
> Upgrade of SADT39POWP unit		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
> Extra cooling for inverter unit		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
> Based on product notes		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
<b>Measurements</b>																					
> Basic measurements with aux. supply voltage		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
> Measurements of specified components in inverter unit			P		P		P		P		P		P		P		P		P		P
<b>Spare Parts</b>																					
> Spare Parts		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

Specifications subject to change without notice.

**Note!** Recommended service intervals and component replacements are based on the operational environment specified by ABB. Please refer to service instructions and product manuals for more information or go to [www.abb.com/driveservices](http://www.abb.com/driveservices).