

	Observatory La Silla, Chile	PROJEKT: PS 1257 PROJECT: PS 1257	REVIZE: REVISION :	0.
	Servisní návštěva a kontrolní protokol Service visit and check protocol	DOKUMENT:1257_03_06.xx DOCUMENT: 1257_03_06.xx	DATUM : DATE :	05/2013

Checked: 2015 October 8, P. Pravec, M. Velen, P. Kušnirák, B. Ahumada and colleague

point	describe	status - comment	frequency
A - oil system			
1.	visual check oil level in tank (basement into pier)	OK	6 months
2.	hearing of running oil pumps (smooth working)	OK	6 months
3.	check tightness of oil system (tank, pumps)	small leakage, considered insignificant	6 months
4.	check tightness of oil system into pier (on observing floor) pipes, pressure probe	OK	6 months
5.	check tightness of oil system - telescope covers on DEC,RA	a bit of oil on DEC cover, but no drops; probably insignificant	6 months
B - dome			
1.	check of state measure tapes around dome (cleanness, adhesion)	some dirt and grease on the tapes, but probably insignificant	6 months
2.	check of state moving contacts on brush wear, pollution (if needed lubricated)	OK	6 months
3.	check of state ventilation windows (visual and hearing) on smooth working	OK	6 months
4.	check of rubber collar around dome (if needed lubricated)	OK	6 months
5.	check of state solar panels mechanical, on pollution (if needed clean it by soap water)	OK	12 months
6.	check of clamping pyrgometer PG1, in case of pollution cleaned by soap water	OK	12 months
7.	check of outside cable trace on mechanical damage and UV degradation	OK	12 months
8.	visual and hearing check of dome rotating during 360° working (smooth working)	OK	12 months
9.	check of GPS NTP and GSM antennas outside (mechanical, pollution), if needed clean it by soap water	the GSM antenna remains broken (since 2014)	12 months
C - slit			
1.	check of slit proximity switches - down S27,S28,S47 (distance swith - reflect surface 2-4mm)	S47 should be adjusted	6 months
2.	check of slit proximity switches - up outside S29, S30 (distance swith - reflect surface 2-4mm)	S29, S30 not in contact	6 months
3.	visual check inside of R5 slit cabinet and bateries on integrity	OK	6 months
4.	visual and hearing check of slit moving during opening and closing (smooth working)	OK	6 months
5.	check of state bateries (dome not on contact, sky without sun, value on display GU1 not less than 21,6V		6 months
D - telescope			
1.	check of flexibil pipe with cables about telescope montage on integrity	OK	6 months
2.	visual and hearing check telescope engines (flaps,DEC, HA,autoguider,shutter, filters) smooth moving	OK except the DEC gearbox. (Autoguider was not checked.)	6 months
E - meteo station			
1.	visual and hearing check rotating of anemometer (smooth running)	OK	6 months
2.	check allsky camera lens on pollution if needed clean it by soap water		6 months
3.	check state of overvoltage protection in MC1 cabinen on mast (BR0 signalling must not light red)	OK	6 months

4.	check of integrity protection pipe from meteostation to telescope building (can be damage from animals)	OK	12 months
F - others			
1.	check of UPS (display without failure text, fans are working smoothly)	UPS batteries were replaced	18 months
2.	check state of overvoltage protection in R1 (BR1 signalling must be green, BR2,BR3 must not light red)	OK	6 months
3.	check state of overvoltage protection in RH1 behind control room door (BR-MC1 signalling must green)	OK	6 months
4.	check state connection cables to hand paddles on integrity	OK	12 months