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|  | 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 : | 11/2013 |

Checked: 2024 November 24, P. Pravec, P. Fatka

| point | describe | status - comment | frequency |
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| A - oil system | | | |
| 1. | visual check oil level in tank (basement in the pier) | OK | 6 months |
| 2. | hearing of running oil pumps (smooth working) | OK | 6 months |
| 3. | check tightness of oil system (tank, pumps) | OK | 6 months |
| 4. | check tightness of oil system into pier (on observing floor) pipes, pressure probe | small spill/pool of oil inside the pier | 6 months |
| 5. | check tightness of oil system - telescope covers on DEC,RA | traces of oil on both DEC and RA covers and spills below | 6 months |
| B - dome | | | |
| 1. | check of state measure tapes around dome (cleanness, adhesion) | cleaned; the end of one tape not tightened, fixed it | 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; just, the stripping missing/wear in a few places | 6 months |
| 4. | check of rubber collar around dome (if needed lubricated) | the rubber collar is rather worn in many places | 6 months |
| 5. | check of state solar panels mechanical, on pollution (if needed clean it by soap water) | OK; partly cleaned from dust | 12 months |
| 6. | check of clamping pyrometer PG1, in case of pollution cleaned by soap water | OK; cleaned | 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; just, Wheel 8 (NW) a little bit louder sometimes | 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 switch - reflect surface 2-4mm) | S47 not in contact | 6 months |
| 2. | check of slit proximity switches - up outside S29, S30 (distance switch - reflect surface 2-4mm) | S29 not in contact | 6 months |
| 3. | visual check inside of R5 slit cabinet and batteries 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 batteries (dome not on contact, sky without sun, value on display GU1 not less than 21,6V) | OK | 6 months |
| D - telescope | | | |
| 1. | check of flexible pipe with cables about telescope montage on integrity | the black wires not tightened in some places; partly fixed | 6 months |
| 2. | visual and hearing check telescope engines (flaps,DEC, HA,autoguider,shutter, filters) smooth moving | OK (some louder sound when rotating filters sometimes, but thought to be no issue) | 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 | cleaned | 6 months |
| 3. | check state of overvoltage protection in MC1 cabin on mast (BR0 signalling must not light red) | OK | 6 months |

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| 4. | check of integrity protection pipe from meteostation to telescope building (can be damaged from animals) | OK | 12 months |
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| F - others | | | |
| 1. | check of UPS (display without failure text, fans are working smoothly) | OK | 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 |
| 5. | crossing cable (holding DEC drive preload counterweight) in declination axe | OK | |