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| Station Details Report | Officer | Date |

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| **STATION DETAILS** | **As At 19/06/2015** |

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| **Name** LAVERTON RAAF | **Stn Num** 87031 | **WMO Num** 94865 | **Status** OPEN | **SitesDb Region** VIC |
| **Locality** LAVERTON | **Ident** YLVT | **Rainfall District** 87 | | **River Stn ID** |
| **First Opened** 01/01/1941 | **Last Opened** 01/01/1941 | **Last Closed** | | **Last Inspected** 29/07/2014 |
| **Operating Authority** Bureau of Meteorology | **Local Gov Area** WYNDHAM CITY COUNCIL | | **Inspection Area** | |
| **Catchment** LAVERTON CREEK | **River Basin** WERRIBEE RIVER | | **Catchment Size** | |
| **Lat/Long (Derive)** -37.8565 / 144.7566 (SURVEY) | **Error** 10 | | **Bearing & Dist** 338 deg, 1.3 km from Laverton LPO | |
| **Station Height m (Derive)** 20.1 (SURVEY) | **Aerodrome Height m (Derive)** 18 () | | **Barometer Height m (Derive)** 20.4 (SURVEY) | |
| **Land Use 0-100m** Open farmland, grassland or tundra | **Land Use 100m-1Km** City area, buildings < 10 metres (3 storey) | | **Land Use 1Km-100Km** City area, buildings < 10 metres (3 storey) | |
| **Surface Type** fully covered by grass | **Soil Type** black soil | | **Magnetic Correction** +11.4 deg ([+ compass bearing = true](http://www.ga.gov.au/oracle/geomag/agrfform.jsp#magfield) ) | |
| **Classification** NBNA / FCL / CLC / XIMG / ASOSSTD / ACORN-SAT | | | | |
|  | | | | | | |
| **STORED OBJECTS** | | | | | | |
| **Start** 01/08/2006 | **End** 31/07/2016 | **Object** [Document/SITE LEASE](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=169325) by (hca) | | |  |  |
| **Start** 05/02/2007 | **End** | **Object** [Document/SKYLINE DATA - RADAR](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=161105) by (ljb) | | |  |  |
| **Start** 05/02/2007 | **End** | **Object** [Photo/OTHER](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=161145) by (ljb) | | |  |  |
| **Start** 06/11/2009 | **End** | **Object** [Photo/EAST](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=314676) by (juz) | | |  |  |
| **Start** 06/11/2009 | **End** | **Object** [Photo/WEST](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=314678) by (juz) | | |  |  |
| **Start** 06/11/2009 | **End** | **Object** [Diagram/SKYLINE](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=314726) by (juz) | | |  |  |
| **Start** 06/11/2009 | **End** | **Object** [Document/SKYLINE DATA](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=314727) by (juz) | | |  |  |
| **Start** 06/11/2009 | **End** | **Object** [Diagram/SITEPLAN](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=314765) by (juz) | | |  |  |
| **Start** 06/11/2009 | **End** | **Object** [Photo/SOUTH](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=314677) by (juz) | | |  |  |
| **Start** 06/11/2009 | **End** | **Object** [Photo/NORTH](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=314675) by (juz) | | |  |  |
| **Start** 06/11/2009 | **End** | **Object** [Photo/GENERAL STATION](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=314679) by (juz) | | |  |  |
| **Start** 06/11/2009 | **End** | **Object** [Photo/PANORAMA STITCHED](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=387550) by (juz) | | |  |  |
| **Start** 02/12/2014 | **End** | **Object** [Document/CEILOMETER STATUS](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=471077) by (cjp) | | |  |  |
| **Start** 02/12/2014 | **End** | **Object** [Document/VISIBILITY METER STATUS](http://sdbweb.bom.gov.au:8891/sitesdb/plsql/SDB_STORED_OBJECT_SHOW.p?IN_OBJECT_ID=471078) by (cjp) | | |  |  |

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| **ROUTINE and NON-ROUTINE OBSERVATION PROGRAMS** | |
| |  |  |  | | --- | --- | --- | | **Routine Surface Observations Program** | | | | Prog Start: **07/12/2001** | Prog End: **Current** | | | Continuous: **Y** | Half Hourly: **Y** | Hourly: **Y** |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Perfomed | | Reported | Seasonal | Payment | Perfomed | | Reported | Seasonal | Payment | | 00 | Y | Y | - | Fully Automated | 12 | Y | Y | - | Fully Automated | | 03 | Y | Y | - | Fully Automated | 15 | Y | Y | - | Fully Automated | | 06 | Y | Y | - | Fully Automated | 18 | Y | Y | - | Fully Automated | | 09 | Y | Y | - | Fully Automated | 21 | Y | Y | - | Fully Automated | | Cmt: AWS now sending one minute data into Vic AIFS. | | | | | | | | | | |  |
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| **CONTACTS and COMMUNICATIONS** |

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| **COMMENTS** | **Count = 8** |
| **Comment Date:**11/09/2013 | |
| 11/09/2013 Site Lat -37.85525 S, Long 144.75548 E Taken with car GPS and a phone GPS, differences were negligible. | |
|  | |
| **Comment Date:**07/11/2012 | |
| 10 minute data MUST be left on in the AWS reporting. Required for an external paying customer. Do Not ARCHIVE this note. | |
|  | |
| **Comment Date:**22/10/2010 | |
| 22-10-2010 Next G Signal Strength -53dBm Cell ID 12874. 15-07-2013 Next G Signal Strength -57dBm Cell ID 12871. | |
|  | |
| **Comment Date:**01/07/2010 | |
| Recent Station History The automatic weather station (AWS) was commissioned on the 24th of February 1997 and is located in the current screen area. The AWS continues to use the same station number, 087031. The old screen area as seen in the Google Earth pictures used to be known as Station Number 087031, then when the AWS commenced it became Laverton Comparison, 087177. Comparison observations were performed at this site using the rain gauge and liquid in glass thermometers until 31 July 1998. | |
|  | |
| **Comment Date:**08/12/2009 | |
| Forward Peak power =88.4dbm (691KW) Reverse Peak power = 68.4dbm (6.9KW). Resultant VSWR= 1.29. | |
|  | |
| **Comment Date:**21/03/2007 | |
| Approximate Lat/Lon of New Doppler Radar -37.855101 144.755328 Ground Height 20 Mtrs. Radar Tower Height 22 mtrs. | |
|  | |
| **Comment Date:**24/02/2006 | |
| Key to radar enclosure posted to Cummins, 191-105 Boundary Road, Laverton North, 3026, Attention Peter Smith. This will enable Cummins to access the enclosure so they can service the generator. Cummins have keys to the generator enclosure (I believe they are keyed alike). The key they have one of the special Abloy with the blue dot. This gives access to the enclosure but not the radar building. | |
|  | |
| **Comment Date:**19/04/2001 | |
| When visiting the station check the level of emergency generator's fuel tank. Take action if it requires filling. | |
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| **PENDING ACTIONS** | | | | | | **Count = 18** | |
| **Station Level Action** | | | | | | | |
| **Date requested** | 21/09/2006 | **Request By** | PLW | **Priority** | Next Visit | **Target Group** | VIC-RESS |
| Do inventory of station tools and test equipment at enter in SitesDb at appropriate date. | | | | | | | |
|  | | | | | | | |
| **Station Level Action** | | | | | | | |
| **Date requested** | 08/07/2008 | **Request By** | PLW | **Priority** | Next Visit | **Target Group** | VIC-RESS |
| Do station inventory of Chemicals held on site and enter into Chemwatch system. When populated print out MSDS of all chemicals and leave in local folder. Make sure you note what location (eg cabinet) they are in if there is more than one storage area. | | | | | | | |
|  | | | | | | | |
| **Radar type M1500-S1 S/N VLV281-1185224** | | | | | | | |
| **Date requested** | 02/12/2008 | **Request By** | DWRIGHT | **Priority** | Normal | **Target Group** | VIC-RESS |
| \*\*\* Do Not Delete This Record \*\*\* Note running time of dehydrator shown on Hours meter every time site visited into the spreadsheet on the MDT box at Laverton. (link on desktop of 'user' account)  Action Clear: 20101209 14:38 @7842.24 hours s/n 0412138 - installed 20101124 10:22 @3095.92 hours s/n 0504060 - removed 20101025 09:32 @02593.00 hours s/n 0504060 - installed 20101025 09:30 @07830.66 hours s/n 0412138 - removed 20101023 Radar failed - txwgairstat alarm 20101019 10:25 @07702.74 hours s/n 0412138 - reinstalled 20101019 10:18 @02593.00 hours s/n 0504060 - removed (49.5% duty cycle) 20100920 11:13 @02249.16 hours s/n 0504060 - installed 20100920 10:53 @07702.74 hours s/n 0412138 - removed (as part of fault finding of high duty cycle) 20090206 10:00 @06533.33 hours s/n 0412138 - operation 1.85 hours of 31 = 6% duty cycle. 20090204 17:00 @06531.48 hours s/n 0412138 - installed  20090204 17:00 @10792.19 hours s/n 0403472 - replaced. Waveguide at 0.2 Bar 20090123 14:30 @10653.61 hours s/n 0403472 - 36.49 hrs of 324.5 hrs = 11.2 % duty cycle 20090107 14:00 @10617.12 hours s/n 0403472 20090107 10:30 @10616.86 hours s/n 0403472 - operating 107.84 hrs over 503.5 hrs 20081217 10:00 @10509.02 hours s/n 0403472 - 21.4% duty cycle 20081203 10:40 @10218.21 hours s/n 0403472 - waveguide pressurised from 0.0 bar 20081203 09:30 @10216.94 hours s/n 0403472 - waveguide pressure 0.0, but dehydrator pressurised against shutoff valve. 20081201 14:00 @10216.50 hours s/n 0403472 - Installed 20081201 14:00 @06517.03 hours s/n 0412138 - Removed faulty 20071022 ??:?? @?????.?? hours s/n 0412138 - installed 20071002 ??:?? @?????.?? hours s/n 0504060 - removed faulty 20071022 ??:?? @?????.?? hours s/n 0504060 - installed from new? | | | | | | | |
|  | | | | | | | |
| **Radar type M1500-S1 S/N VLV281-1185224** | | | | | | | |
| **Date requested** | 29/01/2010 | **Request By** | DWRIGHT | **Priority** | Normal | **Target Group** | VIC-RESS |
| Locate and note all serial numbers for equipment listed in SitesdB and enter into SitesdB. | | | | | | | |
|  | | | | | | | |
| **Station Level Action** | | | | | | | |
| **Date requested** | 01/12/2010 | **Request By** | DWRIGHT | **Priority** | Next Visit | **Target Group** | VIC-RESS |
| Complete Site Audit documentation and take appropriate site photos as per Site Audit Template. Completed documentation is to be passed onto Greg Clark and Grant Thompsom as directed on the top of the "Site Audit Template" document. | | | | | | | |
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| **AC Power Backup type BOM S/N 700766** | | | | | | | |
| **Date requested** | 03/07/2012 | **Request By** | GIC | **Priority** | Normal | **Target Group** | VIC-RESS |
| At next visit identify I-watch unit in Generator and its serial number. Get this unit added as child equipment under "AC Backup". Use a start date of at least 5 years ago and in the more info area write the IP address (or in a note). | | | | | | | |
|  | | | | | | | |
| **AWS type Almos S/N 120150** | | | | | | | |
| **Date requested** | 09/11/2012 | **Request By** | CJP | **Priority** | Normal | **Target Group** | VIC-ES-RMC |
| Obtain Communication Intercept Card serial number and update SitesDB | | | | | | | |
|  | | | | | | | |
| **Radar type M1500-S1 S/N VLV281-1185224** | | | | | | | |
| **Date requested** | 20/06/2013 | **Request By** | PSTROUS | **Priority** | Normal | **Target Group** | VIC-RESS |
| Noise Source - All S1s have reported Noise Source problems. If you want the original test data for the noise source, sent an email to: Bill Daigle - Mercury Commercial Electronics; William.Daigle@mrcy.com. Data sheets can be found here: \\css-fs-sa.bom.gov.au\Shared\South Australia\Shared\Engineering Services\S1 Training Manual\work area\noise source\ We can check:  \* 24V power supply \* TTL control voltage \* S2 Switch operation & control \*S1 Switch operation & control \* power divider  \* 20dB coupler LNF - RX FrontEnd  cct diag itsg/uc: ftp://radar-ftp.bom.gov.au/pub/radar/outgoing/Meteor1500S/Documentation%20-%20Latest/C\_Drawings/03%20%20Receiver/77-09641%20%20ITSG\_Up\_Converter.pdf  RX Frontend: ftp://radar-ftp.bom.gov.au/pub/radar/outgoing/Meteor1500S/Documentation%20-%20Latest/C\_Drawings/03%20%20Receiver/77-09214%20%20Rx\_Front\_End.pdf | | | | | | | |
|  | | | | | | | |
| **Temperature Probe - Dry Bulb type Rosemount S/N 8830** | | | | | | | |
| **Date requested** | 19/09/2013 | **Request By** | CMATTIN | **Priority** | Normal | **Target Group** | VIC-RESS |
| Replace with rosemount thin probe and associated cabling. | | | | | | | |
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| **Radar type M1500-S1 S/N VLV281-1185224** | | | | | | | |
| **Date requested** | 18/10/2013 | **Request By** | RCL | **Priority** | Normal | **Target Group** | VIC-RESS |
| Replace O rings (2) on Bi Directional Coupler. Spares in plastic envelope, top drawer of desk. supplied from local bearing shop. O rings perish over time. Remove screw. (x2) To save the Waveguide Dryer from extra work, block hole with finger while new O Ring is placed on screw. | | | | | | | |
|  | | | | | | | |
| **Raingauge type Rimco 7499 TBRG S/N 492** | | | | | | | |
| **Date requested** | 23/06/2014 | **Request By** | ARTH | **Priority** | Normal | **Target Group** | VIC-RESS |
| Due to adjustment issues during cal on 22/05/2014, replace TBRG on next visit. TBRG ordered. 20141202 (cjp) New syphoon SAP 506991 installed. | | | | | | | |
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| **Equipment Shelter type Radar - Purpose Built Building S/N Unknown** | | | | | | | |
| **Date requested** | 09/02/2015 | **Request By** | CMATTIN | **Priority** | Normal | **Target Group** | VIC-RESS |
| Check operation of building security sensor light | | | | | | | |
|  | | | | | | | |
| **Visibility Meter type Vaisala FD12 S/N V18101** | | | | | | | |
| **Date requested** | 26/05/2015 | **Request By** | CJP | **Priority** | Normal | **Target Group** | VIC-ES-RMC |
| Next visit due 02-06-2013 Implement EDMS 116493: Recording Vismeter/ Present Weather Sensor Status Message in SitesDb Commands for FD12 OPEN VI STA PAR CLOSE | | | | | | | |
|  | | | | | | | |
| **Ceilometer type Vaisala CT25K S/N W09410** | | | | | | | |
| **Date requested** | 26/05/2015 | **Request By** | CJP | **Priority** | Normal | **Target Group** | VIC-ES-RMC |
| Next visit due 02/06/2015 mplement EDMS 116494: Recording of Ceilometer Status Message in SitesDb STATUS,FACTORY,INFO,OPTIONS Clear this action when completed. | | | | | | | |
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| **SYSTEMS and EQUIPMENT** | | | | | | |
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| **WeatherWatch System** | | | | **Management Authority: Obs/Eng** | | |
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| **SYSTEM COMMUNICATIONS** | | | | | | |
| **Network** TCP/IP | |  | **Dest Addrs** | **Commence** 19-08-1997 to Current | | **Primary** Y |
| **Network** PSTN - Modem | |  | **Dest Addrs** | **Commence** 31-08-1993 to Current | | **Primary** Y |
| **Network** PSTN - Modem | |  | **Dest Addrs** | **Commence** 31-08-1993 to Current | | **Primary** Y |
| **Network** TCP/IP | |  | **Dest Addrs** | **Commence** 19-08-1997 to Current | | **Primary** Y |
| **Network** TCP/IP | |  | **Dest Addrs** | **Commence** 19-08-1997 to Current | | **Primary** Y |
| **Network** PSTN - Modem | |  | **Dest Addrs** | **Commence** 19-10-2003 to Current | | **Primary** Y |
| **Network** PSTN - Voice | |  | **Dest Addrs** | **Commence** 31-08-1993 to Current | | **Primary** Y |
|  | | | | | | |
|  | **Equipment** | **Equipment Type   Sub Equipment** | **Serial Num** | **More Details Version** | **Last Perf Chk** | **Arrival Departure** |
| **A** | Radar | M1500-S1 | VLV281-1185224 | Call Sign VLV281 - Licence No. 1185224 | 27/03/2014 | N Clean slip rings - was getting various ACU alarms Y Clean slip rings - was getting various ACU alarms |
|  |  | *Analogue Receiver (M1500-S1)* | *0603345* | *RXS-600/1600* |  | |
|  |  | *Antenna (M1500-S1)* |  | *8.5 m* |  | |
|  |  | *Antenna Control Unit (M1500-S1)* | *NONE* |  |  | |
|  |  | *Azimuth Motor (M1500-S1)* | *0410145* | *ACR1200-3/3-6-BG* |  | |
|  |  | *Elevation Motor (M1500-S1)* | *0604372* | *ACR1200-3/3-6-BG* |  | |
|  |  | *Environment Control Unit (M1500-S1)* | *0604294* |  |  | |
|  |  | *Firmware (M1500-S1)* | *NONE* |  |  | |
|  |  | *GDRX Front End (M1500-S1)* | *NONE* |  |  | |
|  |  | *GDRX Signal Processor (M1500-S1)* |  |  |  | |
|  |  | *GDRX Transtion Module (M1500-S1)* | *0809056* |  |  | |
|  |  | *Klystron* | *987* | *VKS-8287* |  | |
|  |  | *Klystron Cabinet (M1500-S1)* | *0603027* |  |  | |
|  |  | *Main Power Supply S-Band 1000* | *0603138* | *MPS-S1500* |  | |
|  |  | *Modulator Cabinet (M1500-S1)* | *NONE* |  |  | |
|  |  | *Pedestal (M1500-S1)* |  | *SLP-10* |  | |
|  |  | *Pulse Transformer* |  | *Standard* |  | |
|  |  | *Radar Control Processor (M1500-S1)* |  | *RCP-L* |  | |
|  |  | *Servo Amp Board* | *0505201* |  |  | |
|  |  | *Servo Amp Board* | *0505078* |  |  | |
|  |  | *Software (M1500-S1)* |  |  |  | |
|  |  | *Solenoid Blower (M1500)* | *0508-142170/1* |  |  | |
|  |  | *Solenoid Power Supply (M1500)* | *0911174* | *QUEL - E1KV325* |  | |
|  |  | *Solenoid Power Supply (M1500)* | *0911173* | *QUEL - E1KV325* |  | |
|  |  | *Solenoid S-Band (M1500)* | *17893-4* | *Stangenes Industries* |  | |
|  |  | *Tx Control Unit (M1500-S1)* | *0509059* |  |  | |
|  |  | *Waveguide Dryer* | *0504060* | *Delair GD51-MLU* |  | |
|  |  | *Waveguide System (M1500-S1)* |  |  |  | |
|  | Rapic Transmitter | BOM |  | RapicDataConv.Ver2.64 | No Last Chk | |
|  |  | *Rapic TX Software* | *VER.2.64* | *Unknown* |  | |
|  | Computer, Desktop | Unknown | VRMC20100901 | S1 Data Converter - E7500 Core2Duo 2.93GHz |  | |
|  | KVM (Keyboard Video Monitor) | Minicom SmartSwitch Cat 5 | 992333300003 | 1SU22002/R |  | |
|  | KVM (Keyboard Video Monitor) | Minicom Smart IP Link | 992188400004 | 1SU21032 |  | |
|  | Monitor | LCD 17 Inch | L72DSB355K00235 | Hyundai L72D - Manuf May 2005 |  | |
|  | KVM (Keyboard Video Monitor) | Minicom Smart IP Link | 2002133851580 | Minicom 0SU51078/R (Data-converter PC) |  | |
|  | Computer, Desktop | Unknown | VRMC20071002 | RAVIS PC - P4 3.4GHz |  | |
|  | Environment Monitoring Device | AKCP sensorProbe 2 | 000BDC007605 | MAC 00-0b-dc-00-76-05 IP 134.178.82.57 |  | |
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| **Surface Observations System** | | | | **Management Authority: Obs/Eng** | | |
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|  | **Equipment** | **Equipment Type   Sub Equipment** | **Serial Num** | **More Details Version** | **Last Perf Chk** | **Arrival Departure** |
| **A** | AWS | Almos | 120150 | 6B15 |  | |
|  |  | *2100 CPU Board* | *2052* | *Mk 2-1* |  | |
|  |  | *4 Port Isolated RS232 Board* | *9675* | *Mat No. 100423 (2+2; DB9/ RJ12)* |  | |
|  |  | *Almos RTE Software* | *NONE* | *5A* |  | |
|  |  | *BOM AWS Software (Almos)* | *NONE* | *6B-15* |  | |
|  |  | *Communication Intercept Board* |  | *Mk 2* |  | |
|  |  | *Line Interface Board* |  | *Mk 2* |  | |
|  |  | *Sensor Interface Board (Almos)* | *4240* | *MSI Rev 7* |  | |
|  | Anemometer | Synchrotac Vane - Type 706 | 72635 |  | 02/12/2014 | Y wd = -1.0 deg rd = 80 s Y wd = -1.0 deg rd = 80 s |
| **A** | Raingauge | Rimco 7499 TBRG | 492 |  | 02/12/2014 | Y +3.6 % (AWS);HS FCD s/n=07; Y +3.6 % (AWS);HS FCD s/n=07; |
| **A** | Temperature Probe - Dry Bulb | Rosemount | 8830 |  | 02/12/2014 | Y -0.10 degC (Station - Reference); T=+22degC; Transfer Std Case/n=32 Y -0.10 degC (Station - Reference); T=+22degC; Transfer Std Case/n=32 |
|  | Barometer | Vaisala PTB330B (General Use) | G2330014 |  | 02/12/2014 | Y +0.10 hPa (Station - Reference); Transfer Std s/n=24; P=1007.6hPa; T=+22 degC; WS=xx kts Y +0.10 hPa (Station - Reference); Transfer Std s/n=24; P=1007.6hPa; T=+22 degC; WS=xx kts |
|  | Battery | 12V 50AH | 060223YLVT | Sonnenschein A412/50A TFJ | 02/12/2014 | Y 13.5 VDC measured Y 13.5 VDC measured |
|  | Modem | DPX212 | 1071 | AWS data (AWS site) |  | |
|  | Humidity Probe | Rotronics MP101A-T4-W4W | 19522-018 |  | 02/12/2014 | Y +2.8 % (Station - Reference); RH=58; WS= 08 kts; Transfer Std Case/n=32 Y +2.8 % (Station - Reference); RH=58; WS= 08 kts; Transfer Std Case/n=32 |
|  | AWS Inspection Port | Standard | NONE |  |  | |
| **A** | Ceilometer | Vaisala CT25K | W09410 |  | 02/12/2014 | Y RxComp=000 120; TxIN=186; Window=200mV 097%; INLaser=179 Y RxComp=000 062; TxIN=186; Window=200mV 097%; INLaser=179 |
|  |  | *CT25039 Internal Heater Subassembly* |  | *Standard* |  | |
|  |  | *CT25K Firmware* |  | *Ver 2.13* |  | |
|  |  | *CT2614 Blower 230 VAC* | *A3642076* | *Standard* |  | |
|  |  | *CTL21 Optics Monitor* | *W05416* | *Standard* |  | |
|  |  | *CTP241 Line & Power Interface Subassembly* | *W10404* | *Standard* |  | |
|  |  | *CTR21 Laser Receiver* | *S48106* | *Standard* |  | |
|  |  | *CTT21 Laser Transmitter* | *W05420* | *Standard* |  | |
|  |  | *Ceilometer Interface Board* | *S25512* | *DCT51* |  | |
|  |  | *DMC50B Processor Board* | *W06525* | *Standard* |  | |
|  |  | *DMF51 Board Frame* | *S355* | *Standard* |  | |
|  |  | *DPS52 DC Converter Board* | *Z03527* | *Standard* |  | |
|  | Modem | DPX212 | 1090 | Ceilo Message 3 (Radar Building) |  | |
|  | Modem | DPX212 | 1252 | Ceilo Message 3 out (inside AWS) |  | |
|  | Anemometer | Synchrotac Cups - Type 732 | 96874 |  | 02/12/2014 | Y rd = 80 s Y rd = 80 s |
|  | Surge Protector | Critec LSP10-18-IP67 | TJ30949 | Box Serial No:TJ33102 |  | |
|  | Modem | DPX212 | 530 | AWS data (radar building) |  | |
|  | Communication Reset Module | BOM Type 4 Switched | 1944256 | Weekly Reset |  | |
|  |  |  |  |  |  | |
|  | Surge Protector | Novaris CN-FF-90-2 | 08030433 |  |  | |
|  | Screen | Small Stevenson | 04/C0041 |  | 02/12/2014 | Y Cleaned Y Cleaned |
| **A** | Visibility Meter | Vaisala FD12 | V18101 |  | 02/12/2014 | Y RxBkSc=0695; TxBkSc=10.2; %Error=0.01; LEDI=6.0; FDA13S/N=T10503 Y RxBkSc=0610; TxBkSc=10.5; %Error=0.01; LEDI=6.0; FDA13S/N=T10503 |
|  |  | *FDC115 Crossarm* | *V18207* |  |  | |
|  |  | *FDP12 Processor Board* | *V17503* | *Standard* |  | |
|  |  | *FDR12 Receiver* |  | *Standard* |  | |
|  |  | *FDT12B Transmitter* |  | *Standard* |  | |
|  |  | *FDW13 Power Supply* | *E452* | *Standard* |  | |
|  |  | *Firmware, FD12/ FD12P* | *NONE* | *Ver 2.31* |  | |
|  | | | | | | |
| **Monitoring and Display System** | | | | **Management Authority: Obs/Eng** | | |
|  | | | | | | |
|  | **Equipment** | **Equipment Type   Sub Equipment** | **Serial Num** | **More Details Version** | **Last Perf Chk** | **Arrival Departure** |
|  | | | | | | |
| **Infrastructure System** | | | | **Management Authority: Obs/Eng** | | |
|  | | | | | | |
|  | **Equipment** | **Equipment Type   Sub Equipment** | **Serial Num** | **More Details Version** | **Last Perf Chk** | **Arrival Departure** |
|  | Mast Anemometer | Pivot, Standard 8m |  |  |  | |
|  | AWS Equipment Housing | Mast Base, Standard 1270mm |  |  |  | |
|  | AC Power | Unknown | METER-7669630 | Powercor @20080409 see Contacts |  | |
| **A** | AC Power Backup | BOM | 700766 | Cummins C38D5 (38KVA) | 28/04/2015 | Y B Service Completed Y B Service Completed |
|  |  | *Alternator (3 Phase)* | *X06G280118* | *Unknown* |  | |
|  |  | *Engine (Liquid Cooled)* | *68062302* | *Unknown* |  | |
|  |  | *Fuel Tank* |  | *500L* |  | |
|  |  | *Governor* |  | *Unknown* |  | |
|  | Battery | Unknown |  |  | No Last Chk | |
|  | Battery Charger | Unknown |  |  |  | |
|  | Airconditioner | Unknown | E000192 | Radar A/C#1 - Daikin UATY06KY19 |  | |
| **A** | Equipment Shelter | Radar - Purpose Built Building |  |  |  | |
|  | Fence | Security |  |  |  | |
|  | Radar Tower | Cylindrical Spiral Staircase S1 - 20m |  |  |  | |
|  | Radome | Metstar - 11.8m |  |  |  | |
|  | UPS | GE LANPRO, 20KVA, 3 phase | L4020-1205-A312G | GE LP33 Manufactured 2005 | 04/10/2012 | Y Have performed basic test using web interface, and UPS has passed. 30 mins autonomy time. UPS "service" menu does not seem to have a deep cycle test.  Y Have performed basic test using web interface, and UPS has passed. 30 mins autonomy time. UPS "service" menu does not seem to have a deep cycle test. |
|  | Airconditioner | Unknown | E000193 | Radar A/C#2 - Daikin UATY06KY19 |  | |
|  | Airconditioner | Unknown | E013003 | Room A/C split system - Daikin RXD35DVMA |  | |
|  | Airconditioner | Unknown | 30335 | Radar A/C#3 Actionair SRA260E-0100-K |  | |
|  | | | | | | |
|  | | | | | | |
| **WeatherWatch Holdings System** | | | | **Management Authority: Obs/Eng** | | |
|  | | | | | | |
|  | **Equipment** | **Equipment Type   Sub Equipment** | **Serial Num** | **More Details Version** | **Last Perf Chk** | **Arrival Departure** |
|  | Rapic Transmitter Spares | BOM |  |  |  | |
|  |  | *Comm88 8088 Comms CCA* | *NONE* | *Standard* |  | |
|  |  | *Rapic TX Software* | *NONE* | *8.13* |  | |
|  |  | *Rapic Tx Angle CCA* | *NONE* | *Standard* |  | |
|  |  | *Rapic Tx Video Processor CCA* | *NONE* | *Standard* |  | |
|  | Radar Spares | M1500-S1 | NONE | Laverton Radar Spares |  | |
|  |  | *Analogue Receiver (M1500-S1)* | *0604335* | *RXS-600/1600* |  | |
|  | Power Supply | Unknown | TR-700P | PC Power Supply Thermalite TR2 700W |  | |
|  | | | | | | |
| **Surface Observations Holdings System** | | | | **Management Authority: Obs/Eng** | | |
|  | | | | | | |
|  | **Equipment** | **Equipment Type   Sub Equipment** | **Serial Num** | **More Details Version** | **Last Perf Chk** | **Arrival Departure** |
|  | | | | | | |
| **Computing System** | | | | **Management Authority: Obs/Eng** | | |
|  | | | | | | |
|  | **Equipment** | **Equipment Type   Sub Equipment** | **Serial Num** | **More Details Version** | **Last Perf Chk** | **Arrival Departure** |
|  | Computer, Desktop | Unknown | VRMC20100112 | Laverton-BMS - E8400 Core2Duo 3GHz |  | |
|  | Monitor | LCD | R9M094200931 | Viewsonic VA2013WM 16:9 - 20" |  | |
|  | Computer, Desktop | HP DC7700 | AUD73804T9 | MDT28966 |  | |
|  | Monitor | LCD 17 Inch | 62D07597TB | NEC LCD1770NX |  | |
|  | | | | | | |
| **Tools and Test Equipment Holdings System** | | | | **Management Authority: Obs/Eng** | | |
|  | | | | | | |
|  | **Equipment** | **Equipment Type   Sub Equipment** | **Serial Num** | **More Details Version** | **Last Perf Chk** | **Arrival Departure** |
|  | Signal Generator | R&S SMT06 | 100900 | 5KHz - 6 GHZ with options B4 & B9 | No Last Chk | |
|  | Power Meter | Agilent N1911A | MY45100393 | (P series), (OPT 101) |  | |
|  | Thermistor Mount | Agilent N1921A | SG45240176 | Wideband power sensor, 50MHz-189GHz, OPT105 |  | |
|  | Multimeter | Fluke, 189 | 91990102?? | True RMS Multimeter |  | |
|  | Oscilloscope | Tektronix TDS2014B | TDS2014B-C031521 | 4 Channel digital storage, 100MHz, 1GS/s |  | |
|  | Power Supply | Unknown | A03583 | TOPWARD 6303DS |  | |
|  | High Voltage Probe | Fluke 80K-40 |  |  |  | |
|  | Dummy Load | Unknown | 1007198 | Gematronik 77-0960 (OEM Ranatech S913B-2 s/n:4047) |  |  |