

IRIS 9.0.0 RELEASE NOTES (DECEMBER 2017)

These notes cover changes made to IRIS since version 8.13.7 of June 2017. If you are upgrading from an earlier release, please read those notes as well.

This is a new major release, since support for RVP8 systems in code base has been removed completely. In addition support for 32 bit systems has been dropped.

This document uses the term “RVP” to refer to features in RVP900.

Important Upgrade Notes

1. This release is built for the 64-bit CentOS7 operating systems. Support for the 32-bit CentOS6 operating system has been dropped.
2. Support for RVP8 systems in code base has been removed completely. If you are using RVP8 system, the last IRIS version that has RVP8 functionality is 8.13.7. RVP8 hardware component sales has ended many years ago and the official end of support was already in the end of 2015. Now the SW support for RVP8 is dropped as well.

New Features

1. Leosphere LIDAR data input pipe was modified to include timestamp in the beginning of the scan. IRIS-1520
2. Support for Vaisala NM10 Network Manager product added. Antenna Status Service ant2nm will update the Network Manager at a regular configurable interval with Antenna Status information. IRIS-1257, IRIS-1500
3. HDF5 input pipe supports Opera HDF5 format version 2.2 IRIS-1403

Bug Repairs

1. Inconsistent output file names generated by IrisToOdinHdf5. Reported issues:
 - Month number is 0-based (0-11) when RAW files are converted.
 - Missing one digit in hh, mm, or ss parts of the name when count is less than 10
 - The file name prefix is "ODIM Node" when it is RAW product and "ODIM Place" for all other products.

- When radar site is configured to use local time, the time stamp in case of non-RAW products is in local time while for RAW products, it is in UTC.

Under normal circumstances the output file names are controlled by IRIS. This pipe creates *.meta with the list of suggested names. When IRIS sees *.meta files, it reads it and renames files when files are copied to the final destination. Contents of *.meta file was modified to output consistent file names.

2. There was a bug that caused corrupted raw files when turning on the Vc or Zc in the task configuration and selecting 2-byte data moments. IRIS-1606
3. Naming of two new data moments that are available since 8.13.7 was changed to avoid confusion. CSP was changed to CSR and CCOR to XCOR. IRIS-1530
4. Fixed a bug in ZDRcal and Suncal utilities that caused segmentation violation when those utilities were printing error messages. IRIS-1486 and Bus Error when running Suncal and ZDRcal in exec task IRIS-1508 IRIS-1449
5. BITEEX fails to open if the antlib.log is zipped. Fixed by adding "nocompress" option to the /etc/logrotate.d/sigmet-antlib. IRIS-1470