

IRIS 7.12 Release Notes

These notes cover changes made in IRIS since release 7.11 of 22 October 1999. If you are upgrading from an earlier release, please read those notes also. The current hardcopy versions of the manuals are: *IRIS/Open User's Manual: 7.05*, *IRIS/Open Utilities Manual: 7.05*, *IRIS/Open Installation Manual: 7.11*, and *IRIS/Open Programmer's Manual: 7.05*.

Bug Repairs

1. All ingest errors are now treated the same. The DSP will be labelled with "reset" for 10 seconds, then be available for use again. The task is not halted. Some errors in the middle of a task used to halt the task. Errors at startup were treated this way.
2. **Bitex** utility enhancements: Added "SETUP" to title when in setup mode. Also added doing a reload of the saved configuration file when exiting and not saving.
3. IRIS now has a concept of "run-levels". Run-levels can be one of the following: Starting, Restarting, Normal, Mode-Switching and Quitting. IRIS programs **siris**, **restart_iris**, **qiris** as well as mode switching now all check the run level and perform locking to prevent two from running at the same time. For example, if **qiris** triggers a mode switch, this will be blocked until IRIS is completely shutdown. If the mode is ever stuck, you can override the lock on **qiris** with "**qiris -override**".
4. IRIS LLWAS and IMAGE products are now byte-swapped when transferred between platforms.
5. The antenna driver's stopped servo will now track the antenna whenever IRIS is not in control for any reason. Previously the only criteria for tracking was that the "antenna local" status bit was set. The new criteria also allow for tracking whenever a dual RCP system has gone into the "inactive" state. The tracking feature prevents the antenna from swinging around to an old position when IRIS regains control.
6. The antenna driver will now report to the RCP that an IRIS site is faulted whenever a timeout is exceeded since the last update. This allows detection of IRIS shutdown. It uses the same time as the IRIS status product timeout.
7. *HP platforms only*: The **tdwr_llwas_int** utility was unable to connect the output socket.

New Features

1. **Irisnet** utility enhancements: Added **vribbon**, **ribsetup** and **runways** to IRIS Tools menu. These are activated by selecting "Airport Utilities" from Options menu bar.
2. *Linux platforms only*: Tape drive support is now available.
3. The **tdwr_llwas_int** utility will now process SLINE products, and produce up to 16 corridors in the output. It uses the most recent of the SLINE or WARN products it has received.