

IRIS 7.03 Release Notes

These notes cover changes made in IRIS since release 7.02 of 23 December 1998. 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*: 6.12, *IRIS/Open Utilities Manual*: 6.11, *IRIS/Open Installation Manual*: 6.14, and *IRIS/Open Programmer's Manual*: 7.00.

Setup Changes

1. The max value for "Total space for ingest files" was raised from 2 to 100 GB, and the product max values were similarly raised from 4 to 100 GB. The scale was changed on the ingest limit so you will need to lower the number by a factor of 1000 after upgrading.
2. Numerical rounding has been improved. There were many cases in which the saved value would be slightly different than the closest possible match to the typed-in value.
3. There is a new "Window password" in the IRIS General Setups, *Licenses and Site Information* section. This password must be entered to allow a window user to access operator privileged features. The only such feature now is changing the named home points.

Bug Repairs

1. Observers can no longer use control buttons in **bitex**.
2. Observers can no longer use the projection definition menu.
3. The interaction between IRIS tape writing and shutdown via **qiris** is improved. IRIS used to try to finish writing the current file out before rewinding the tape. **Qiris** would allow 10 seconds for this. On 8-mm drives this would usually fail for files over 2 megabytes. The result would be a tape with a double EOF, which could not be appended to. The new scheme will interrupt the write after 5 seconds, and **qiris** will wait up to 30 seconds.
4. An **ingest** bug has been repaired in which the process would sometimes crash with a bus error when a menu HALT command was issued precisely between the running of successive tasks. This bug was always there.
5. Fixed a bug in the product inventory which could cause IRIS to fail to create the header lines for new products, such as IMAGE. This would also prevent their showing up in the window product selection list. This bug was always there.
6. Fixed a bug in the **utils** program. It was not correctly handling the exiting of programs it launched. This would cause an accumulation of zombie processes (which show as "<defunct>" in the **ps** listing. These zombie processes will go away when the parent **utils** program exits.
7. The POM, ISM, and ARC menus can now show > 2 gigabytes of files in the legend.