

# Changes between HIPE 4.3 and 4.4

## Core system

- Fixed a problem in which **FitsArchive** could modify the comment header section in some cases.
- Metadata is now ingested into the Herschel Science Archive so it can be retrieved without loading an entire product.
- Fixed a problem importing libraries in HIPE.
- Fixed *Export* and *Import* views not showing any pools.
- Previews of big FITS files are now avoided if there is insufficient memory.
- Systematic product generation now performs consistency checks when querying by TAG.
- Systematic product generation now implements a quality preprocessing check.
- The Product Browser no longer includes remote pools and storages created by the ICCs or pools and storages which use the HSA.

## HIFI

- Fixed wrong flag reported in `MkWbsFreq`.
- Fixed inconsistency in `usb-` and `lsbfrequency` axes in USB and LSB products.
- Fixed errors during post-processing stage that prevented from saving to FITS.
- Fixed inconsistency in the `waveunit` metadata in a HIFI observation context (MHz and GHz were switched).
- Fixed wrong frequency switching header variables set by **hiClass**.
- Added velocity correction of the upconversion factors in the HEB bands.
- Fixed a problem that prevented the pipeline from going beyond level0.5 in one observation.