

# Contents of Science Data Products

## Contents of Science Data Products

This page will include links to proposed formats (and comments on the proposals) for the science data products used by the science tools and/or to be delivered to the GSSC. The data product definitions ultimately will be incorporated in the mission [Interface Control Document for the Science Data Products](#) (and in [Word](#) format) and the [Science Data Products File Format Document](#) ([Word](#)). The designations in the ICD for the data products are listed with their names below.

For those keeping track, **LS-003** was originally 'Low-level calibration', the information that is needed for event reconstruction. This will not be a data product; the information will reside in the MOOT/MOOD database. At the end of mission, the database may be translated into static files for archiving.

**LS-004** was the instrument response functions; in the current designation they are now considered to be 3 data products: **LS-011** (energy redistribution), **LS-012** (effective area), and **LS-013** (PSF). The former **LS-011** (pulsar ephemerides) is now a data product that is *provided by the GSSC*. Its designation is **SS-002** and as far as I know has the format that **gtpulsar.db** reads.

*Update 3 April 2007* Based on [discussions with the GSSC](#) the LS-006 (LAT Configuration History) and LS-007 (LAT Transient Data) data products have been eliminated. A link below to the definition of LS-005, and some questions about it, was added.

|        |   |
|--------|---|
| LS-001 | Event summary data  |
| LS-002 | <a href="#">LAT Photons</a> (formerly Event summary data) |
| LS-005 | <a href="#">Pointing and live time history</a>            |
| LS-008 | <a href="#">LAT point source catalog</a>                  |
| LS-009 | Burst catalog   |
| LS-010 | Interstellar emission model                               |
| LS-011 | Energy redistribution                                     |
| LS-012 | Effective area  |
| LS-013 | Point-spread function                                     |