Data processing of FLAMES/GIRAFFE data: FAQs

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Data processing of FLAMES/GIRAFFE data: Frequently asked questions

- **Where can I find the science-ready data products available for FLAMES-GIRAFFE, and more information about their processing?**

Answer: The FLAMES-GIRAFFE data can be queried under

http://archive.eso.org/wdb/wdb/adp/phase3_spectral/form?collection_name=GIRAFFE.

The Release Description, with information on the processing and on known limitations, comes with the downloaded data and can also be found at http://www.eso.org/qc/PHOENIX/GIRAFFE/processing.html.

- **How do I know which fibres to specify in the "--fiber-splist" command line option for the gimasterflat recipe?**

Answer: The information is available from the FLAMES/GIRAFFE QC web pages. In a web browser navigate to:

http://www.eso.org/observing/dfo/quality/GIRAFFE/reports/FIBRE/CURRENT/Medusa1/trend_report_Medusa1_CURRENT.html

Select the relevant mode and plate from the list of groups near the top of the page [Medusa1, Medusa2, IFU1, IFU2 or Argus]. In case your data are from prior to the current 3 months you will need to look at the historical plots. Click on the "history..." link (which will open a new window) and navigate to the three month period including the relevant date. Then, in the "Information and research:" section below the graphics, select the "measurements" link. This should display a table of information listing (amongst other information) the number of fibres (N_fib, 2nd to last column) and missing fibres (miss_fibres, last column) information for each file included as a data point in the plots. You will then need to specify the list of fibres excluding the missing ones for the --fibre-splist option. For example, for processing IFU2 data from 2010-12-12, first navigate to:

http://www.eso.org/observing/dfo/quality/GIRAFFE/reports/FIBRE/2010/IFU2/trend_report_IFU2_2010-10.html

Then click the "measurements" link, which displays the table:

No.	DATE	MJD-OBS	product_file	Slit	Setting	N_fib	miss_fibres

12	2010-12-22	55553.4227527	r.GIRAF.2010-12-23T10:08:45.837_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
11	2010-12-15	55546.6563278	r.GIRAF.2010-12-16T15:45:06.720_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
10	2010-12-08	55539.6420405	r.GIRAF.2010-12-09T15:24:32.299_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
9	2010-12-01	55532.4728601	r.GIRAF.2010-12-02T11:20:55.108_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
8	2010-11-24	55525.6568190	r.GIRAF.2010-11-25T15:45:49.157_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
7	2010-11-17	55518.4388823	r.GIRAF.2010-11-18T10:31:59.431_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
6	2010-11-10	55511.4419147	r.GIRAF.2010-11-11T10:36:21.433_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
5	2010-11-03	55504.5555522	r.GIRAF.2010-11-04T13:19:59.711_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
4	2010-10-27	55497.4942038	r.GIRAF.2010-10-28T11:51:39.204_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
3	2010-10-20	55490.7765031	r.GIRAF.2010-10-21T18:38:09.864_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
2	2010-10-13	55483.4307843	r.GIRAF.2010-10-14T10:20:19.768_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303
1	2010-10-07	55477.2794965	r.GIRAF.2010-10-08T06:42:28.499_tpl_0002.fits	IFU2	L543.1	313	missing:FPS192,303

The 10th and 11th entries (listed in reverse order in the table) bracket the desired date, and both list FPS192,303 as missing. The appropriate esorex command line option to specify is thus: --fibre-splist=1-191,193-302,304-315