

NAME

listfgm.pl – Produces FGM log files.

SYNOPSIS

```
listfgm.pl --month month [--year year] [--ICL] [--spacecraft spacecraft] [--day day] [--(no)log]
[--help]
```

DESCRIPTION

This script produces FGM log files containing records of data gaps and range changes. Compressed input files are transparently managed.

OPTIONS

- m** *month*, **--month** *month*
The month. One or two digits. Mandatory argument.
- y** *year*, **--year** *year*
The year. One or two digits. Default is the current year.
- s** *spacecraft*, **--spacecraft** *spacecraft*
The spacecraft number (1–4). Default all spacecraft.
- d** *day*, **--day** *day*
The day. One or two digits. Default are all days in month.
- I**, **--ICL**
Use the Imperial College London raw data. Default is to use the ESTEC raw data.
- l**, **--log**
Record the run to dailycal log file. Default is enabled. Can be disabled using the **--nolog** option.
- h**, **-?**, **--help**
Prints a brief help message.

ENVIRONMENT

- FGMROOT**
Root for the FGM calibration directory structure. Default to */home/FGM/* if not set.
- FGMPATH**
Path to calibration files (*.fgmcal and *.cfgnew). Default to *\$FGMROOT/data/dcalf/* if not set.

FILES

- \$FGMROOT/data/raw/ICL/\$yy_\$mm/* – Imperial input path
- \$FGMROOT/data/raw/ESTEC/cluster\$sc/[n/b]sd_\$sc/* – ESTEC (default) input path
- \$FGMROOT/log/cd_log/\$yy_\$mm* – output path
- C\$sc_\$yy\$mm\$dd_B.[N/B]S(.gz)* – Imperial input files
- \$YY\$mm\$dd.f[n/b].?a\$sc(.gz)* – ESTEC (default) input files
- C\$sc_\$yy\$mm\$dd_B.[N/B]Slog* – log files
- \$FGMROOT/log/dailycal/dailycal_\$yy\$mm.log* – Dailycal log file.

DEPENDENCES

This script uses the following:

```
fgmtel,
fgmls.
```

AUTHOR

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