



AGILE Data Center: Scientific Analysis and First Year Overview

Carlotta Pittori

5th Science AGILE Workshop, ASDC 12-13 June 2008



- **The AGILE Data Center (ADC)** is the scientific part of the AGILE Ground Segment based a ASDC/ESRIN

- **ADC** is composed by:
 - the AGILE Team Processing Group (AGILE Team personnel)
 - the AGILE Science Support Center (ASDC personnel)

- **ADC** is in charge of all scientific activities related to the analysis, archiving and distribution of AGILE data

AGILE Data Center

Science Support Center group at ASDC:



Paolo Giommi
ASDC Director



F. Tamburelli

(AGILE in calibrazione @ LNF)

A. Antonelli , **G. Fanari**, **B. Preger**, **C. Pittori**, **F. Verrecchia**, **D. Gasparrini**, **F. Acerra**, **S. Stellato**

M. E. Pennisi, **S. Cutini**, **P. Santolamazza**, **R. Primavera** (not in phot.)

(ASDC-INAF + **DATASPAZIO**)

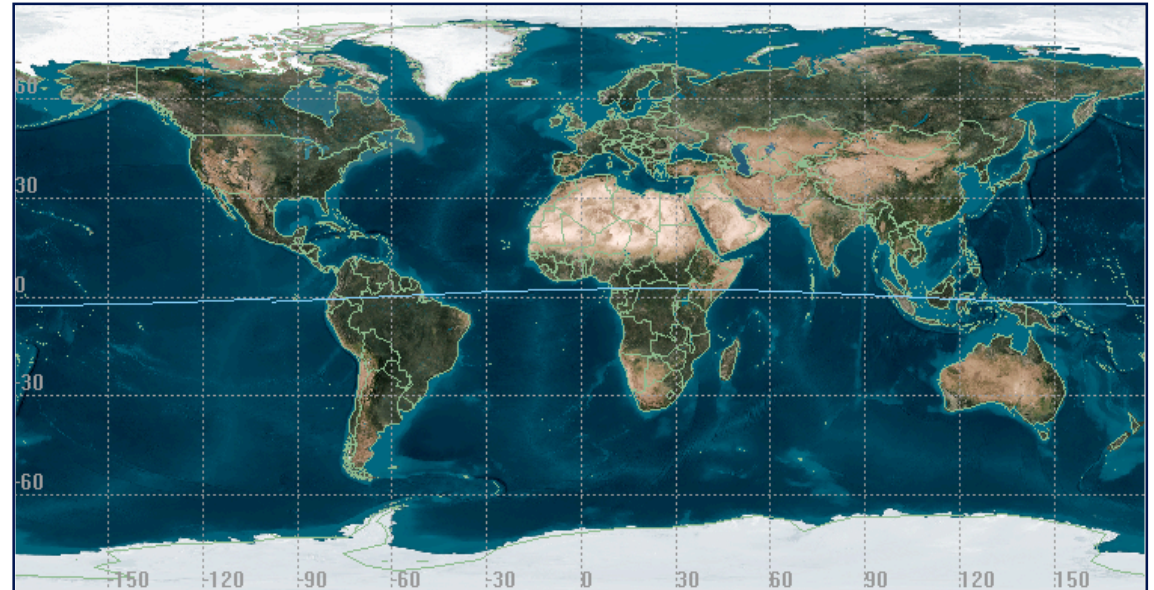
AGILE orbital parameters

Baseline equatorial orbit: 550 Km, 3° inclination

Semi-major axis: 6922.5 km (± 0.1 km)
Requirement: 6928.0 ± 10 km

Inclination angle: 2.48° ($\pm 0.04^\circ$)
Requirement: $< 3^\circ$

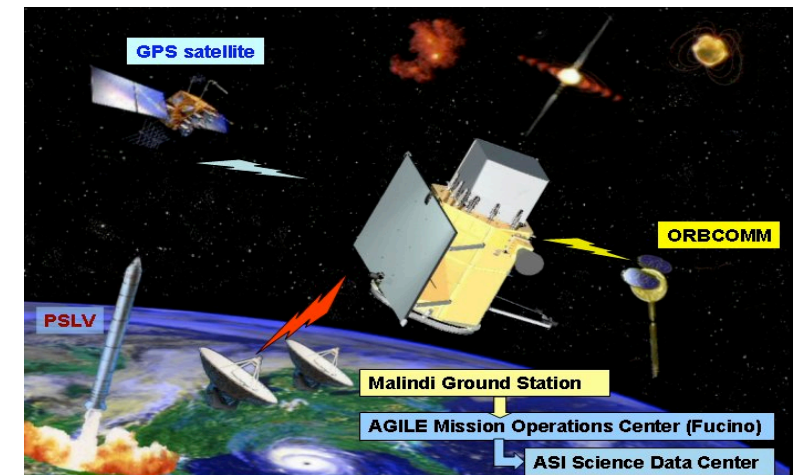
Eccentricity: 0.002 (± 0.0015)
Requirement: $< 0.1^\circ$



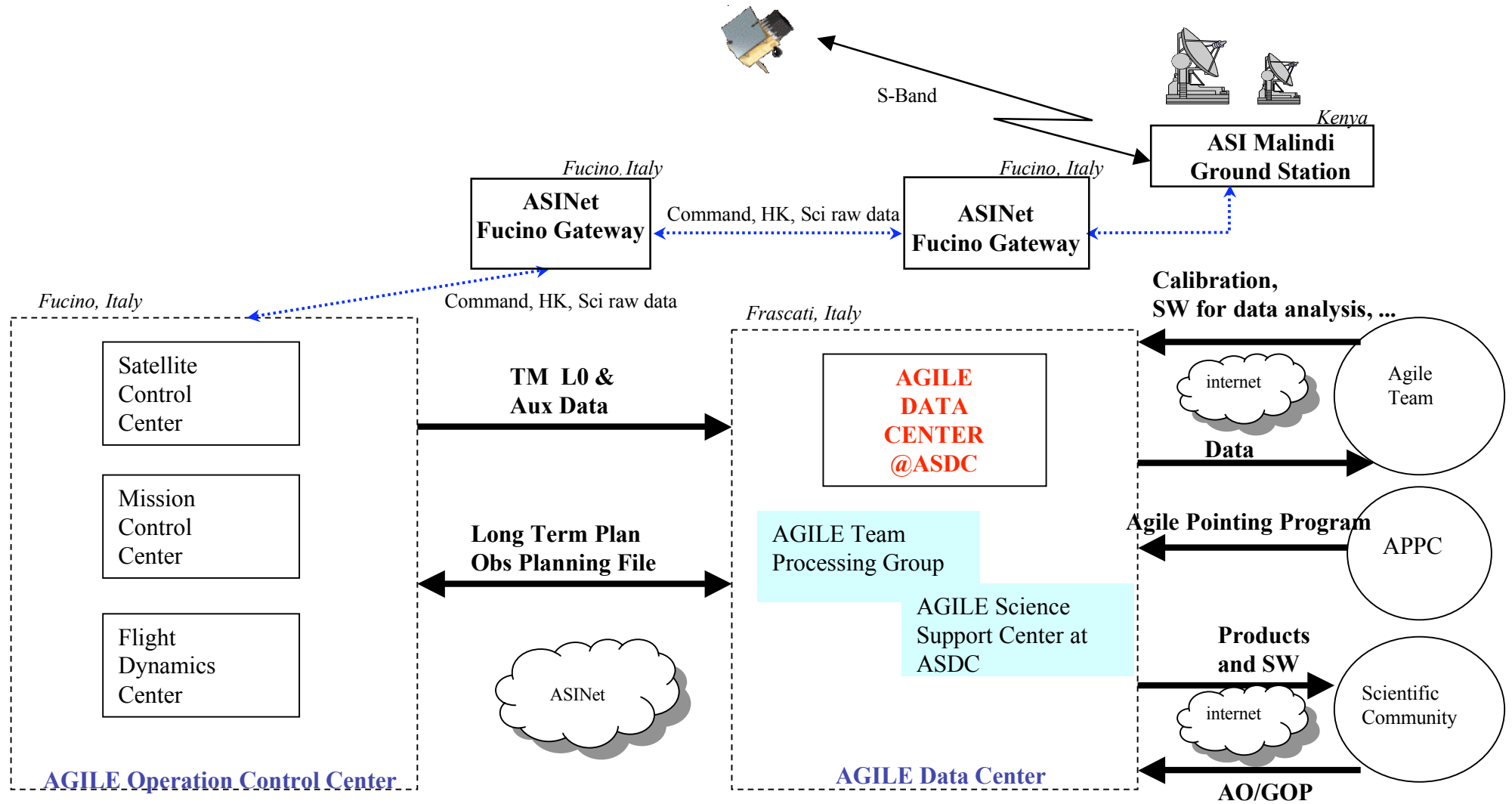
ASI Malindi Ground Station:

~ 10 minutes ground contact every ~ 90 min

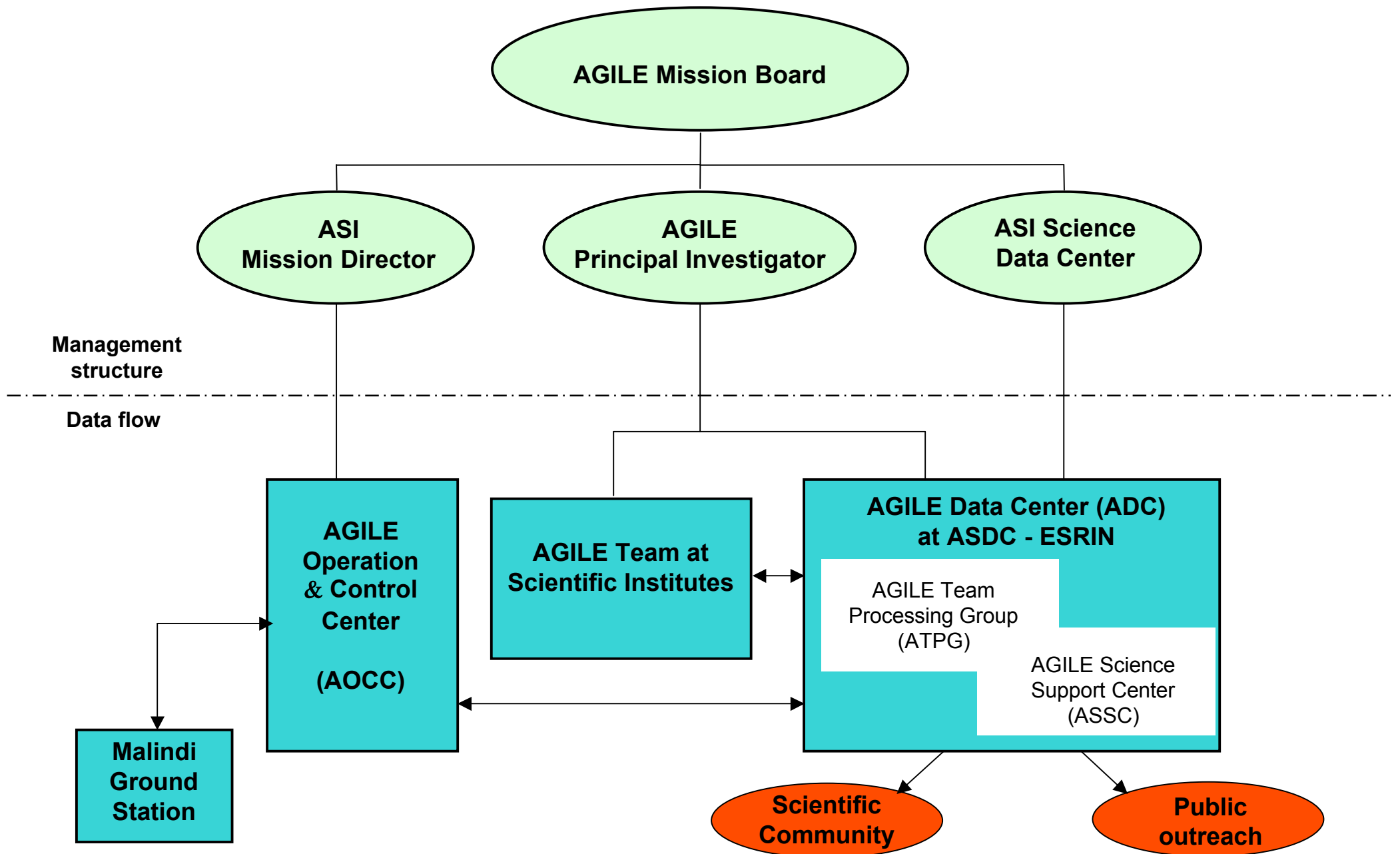
ASINet: Malindi \Rightarrow TPZ Fucino \Rightarrow



AGILE GS Architecture



AGILE data flow and Ground Segment organization (from Agile Science Management Plan)

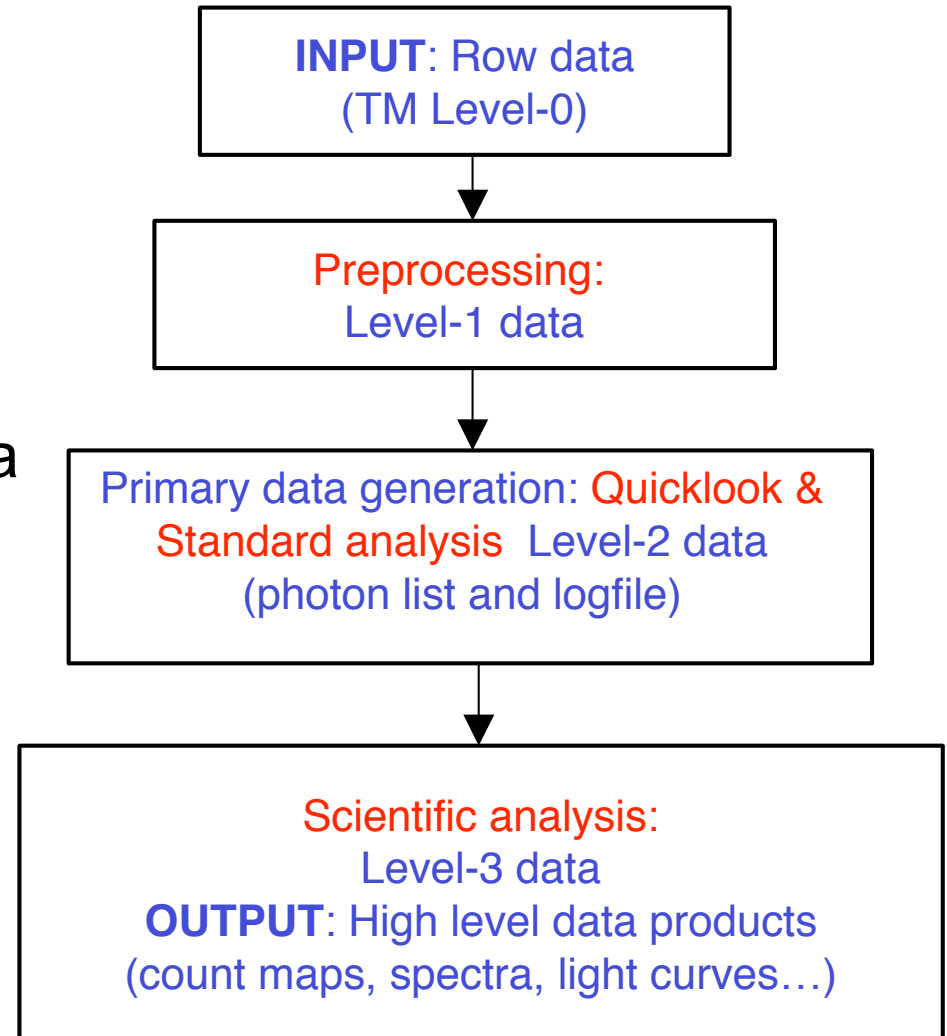


ADC scientific **analysis and archiving** of AGILE data

From scientific telemetry (TM)

Level-0:

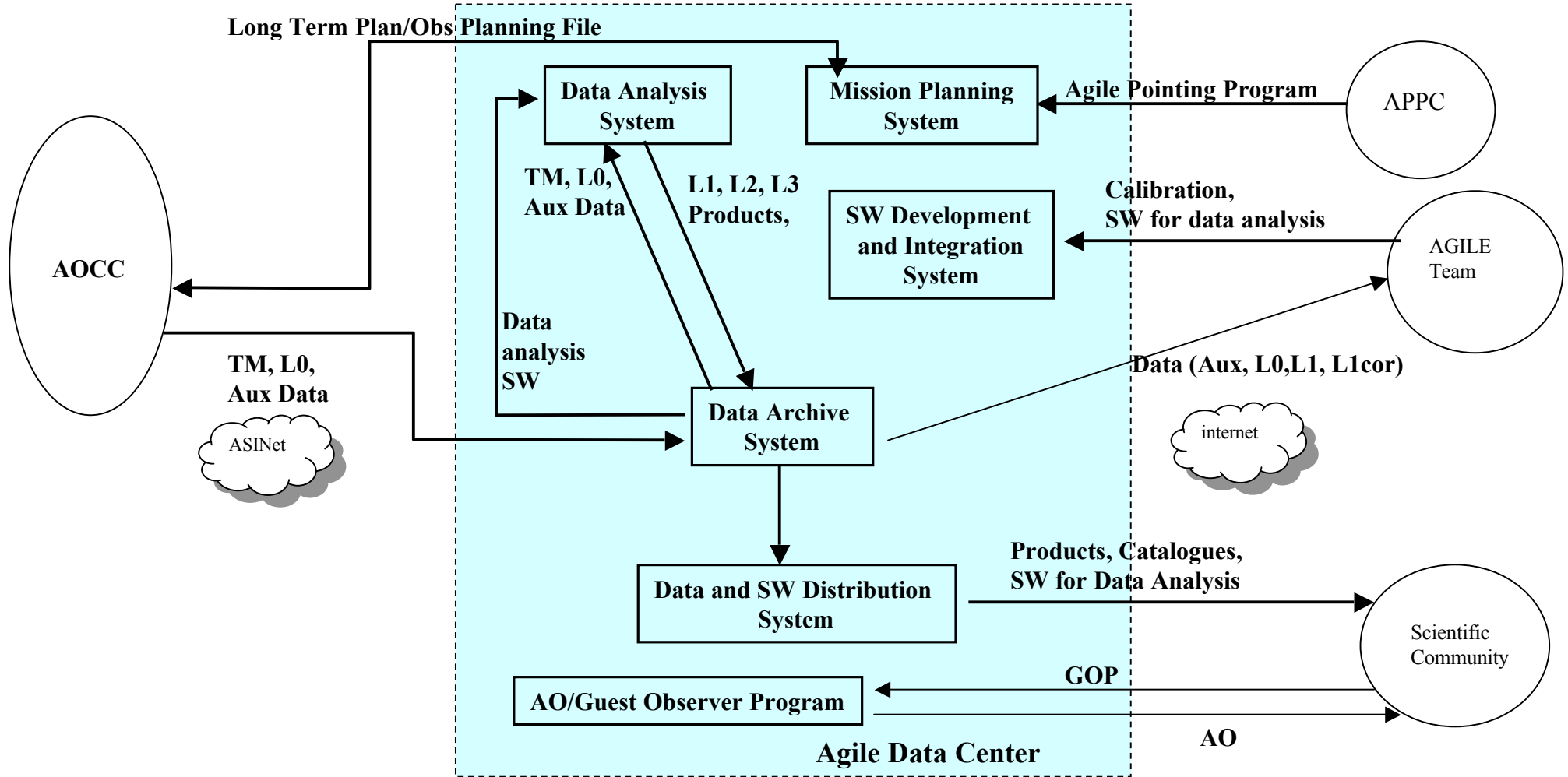
- ✓ Preprocessing → Level-1 data
- ✓ Quick-Look Analysis
- ✓ Standard analysis → Level-2 data
(photon list, logfiles)
- ✓ Scientific analysis (source
detection, diffuse gamma-ray
background)
- ✓ Archiving and distributing **all
scientific AGILE data**



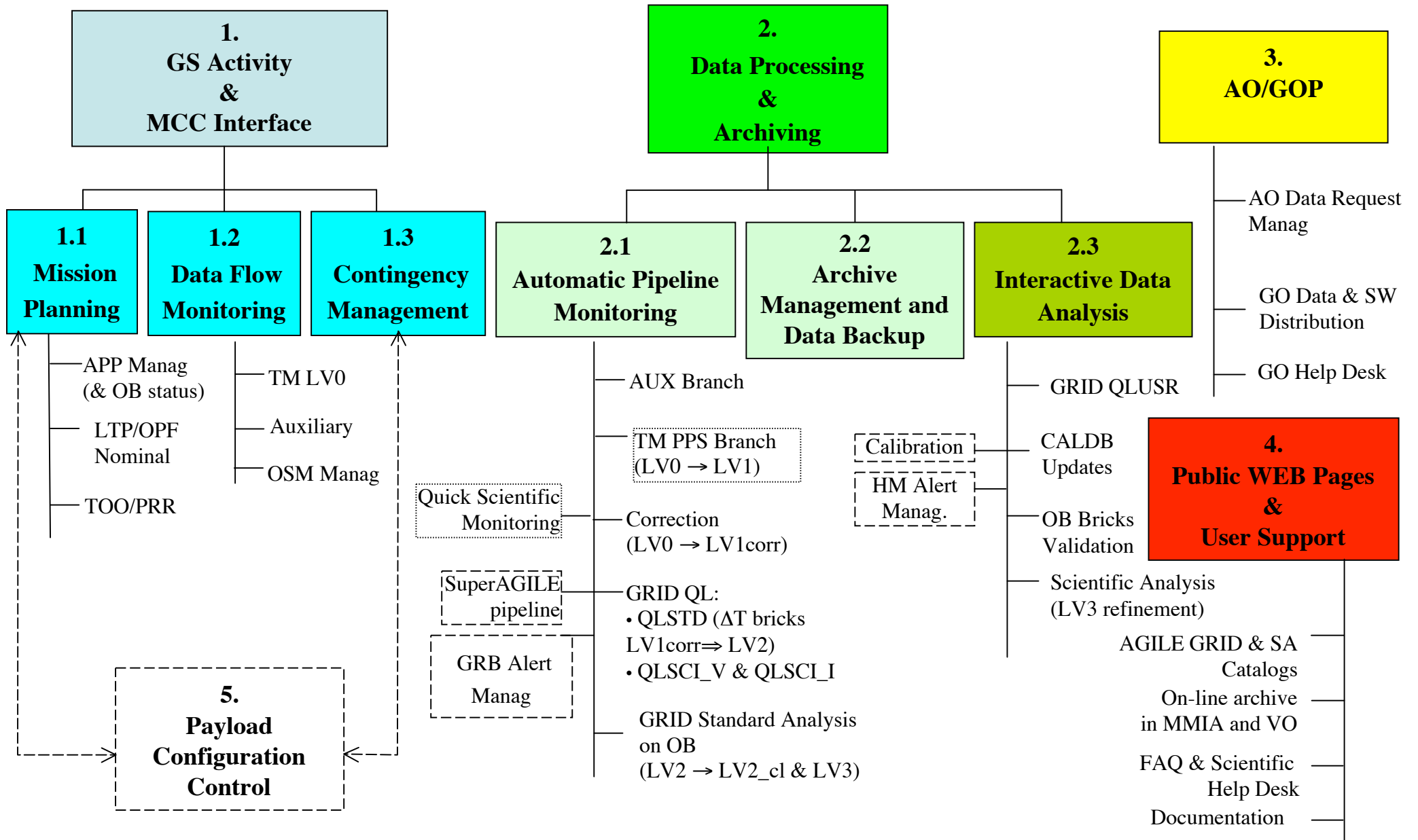
Summary of ASDC activities for AGILE: (from Agile Science Management Plan)

- Running the **Quick Look** Analysis
- Running the **standard data reduction** Analysis
- Performing, when necessary, the **Interactive** data Analysis
- Managing **Announcement of Opportunities**
- Contributing to the management of the **AGILE Pointing Program**
- **Archiving** all the data (raw, cleaned and calibrated, scientific)
- **Distributing** the data to the scientific community
- Providing scientific **support** to the users community
- Officially interface the project for both data and proposals via dedicated **web pages**
- Providing the standard **software support** for the data analysis

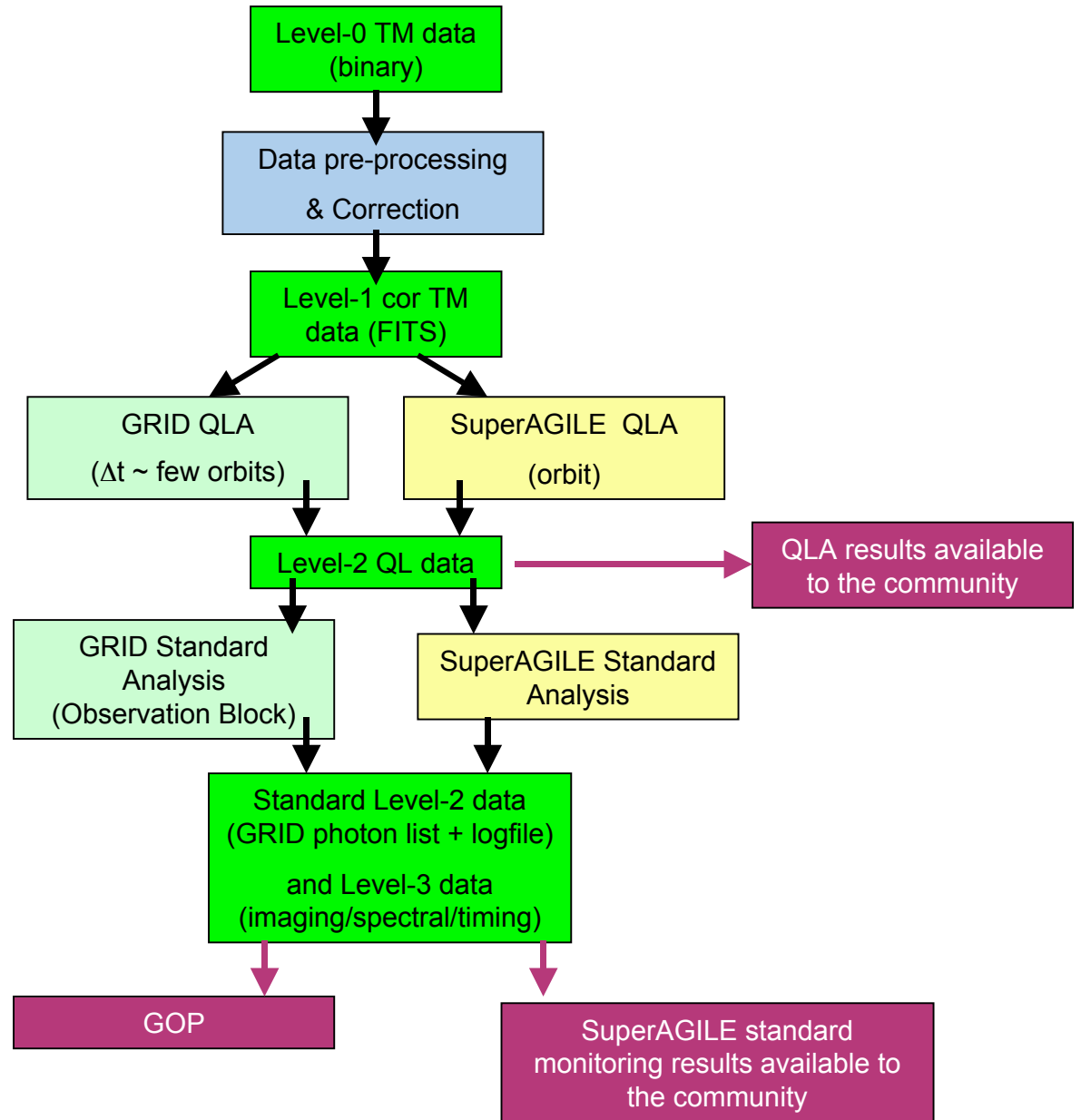
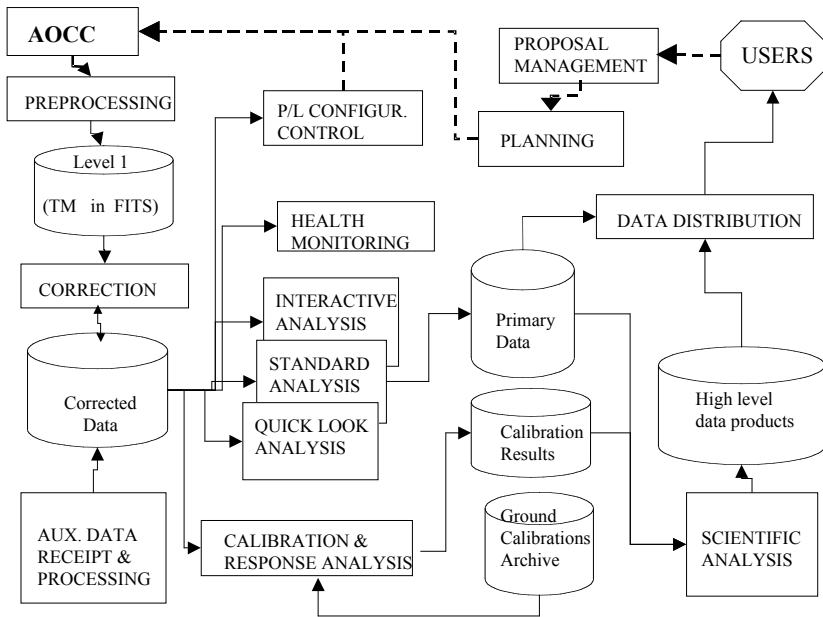
AGILE Data Center



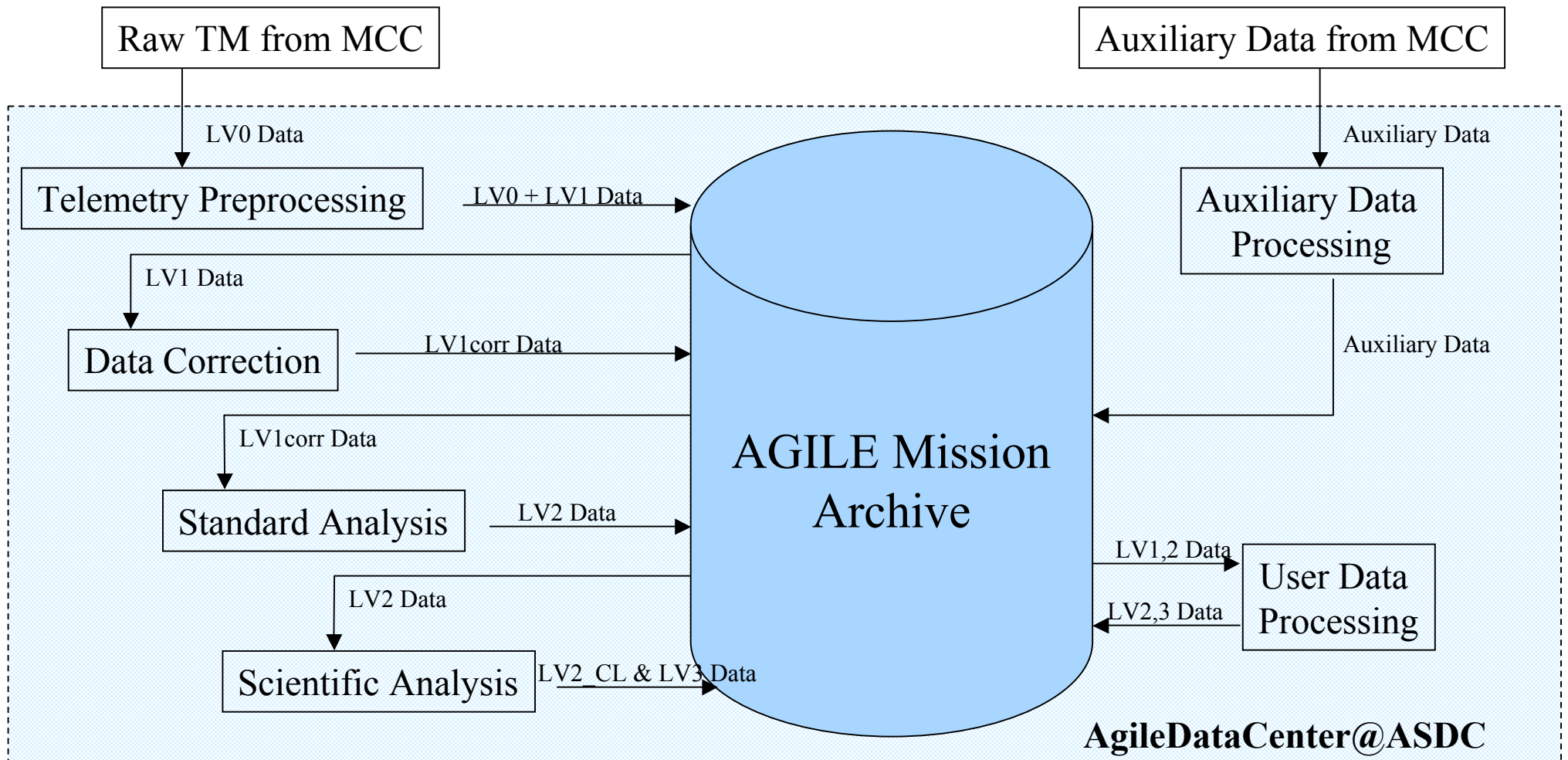
ADC operation scheme:



AGILE data analysis SW Structure & Data Flow:



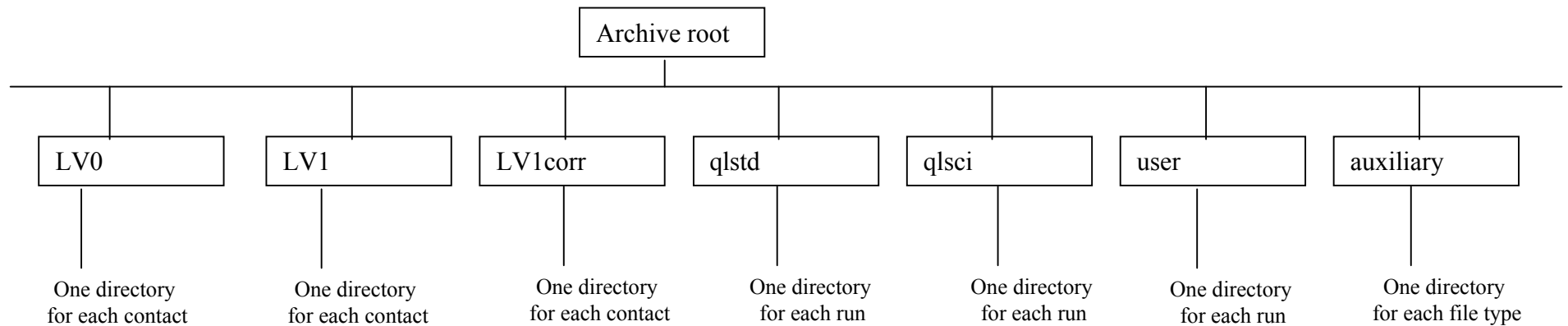
AGILE SW structure & Data Flow



AGILE Scientific Data Archive

AGILE Archive at ASDC includes:

- data from LV0 up to LV3
- storage area for auxiliary data



AGILE Data Archive Size

First 13 months:

LV0 LV1 and LV1corr archives are updated on contact basis.

For each contact, ~ 14MB of LV0 Data is delivered to ASDC

→ **62 GB LV0** data archived up to now

→ **165 GB LV1** data archived up to now

→ **175 GB LV1corr** data archived up to now

QL Standard Analysis is executed on a basis of 3 hours time slots

→ **24 GB of QL LV2** data archived up to now

Scientific Analysis is executed on regular time basis (i.e. once, twice a day, and on Observation Blocks). User analysis is asynchronous

→ **25 GB of LV2 and LV3** data archived up to now

Auxiliary data are received on different time slot basis (contact, once a day, twice a week...)

→ **6 GB of Auxiliary data** archived up to now

→ Estimate for next years: ~ **1 TB/year**

← AGILE homepage at ASDC



AGILE



Astro-rivelatore Gamma a Immagini Leggero

| | | | | | | | |
|-------------------|-----------------|------------------|------------------|------------------------|-------------------------------|----------------------|----------------|
| Agile News | Agile Pointings | Mission Overview | Selected Results | Restricted Area | Guest Observer Program | Agile Team Home Page | Agile Helpdesk |
|-------------------|-----------------|------------------|------------------|------------------------|-------------------------------|----------------------|----------------|

Welcome to the Agile Home Page at ASDC

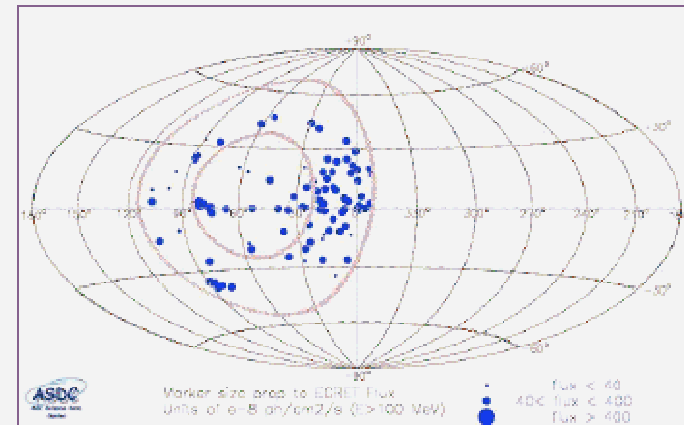
These pages provide updated information and services in support to the general scientific community for the mission AGILE, which is a small Scientific Mission of the Italian Space Agency (ASI) with participation of INFN, IASF/INAF and CIFS .

AGILE is devoted to gamma-ray astrophysics and it is a first and unique combination of a gamma-ray and an hard X-ray imager. It will simultaneously detect and image photons in the 30 MeV - 50 GeV and in the 20 - 60 keV energy ranges.

Latest News

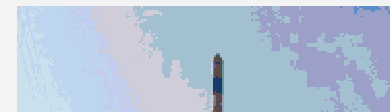
- **(April 10, 2008)** GRB 080408: GRB Localization by SuperAGILE
- **(March 27, 2008)** SuperAGILE detects an X-ray burst from a position consistent with IGR J17473-2721
- **(March 26, 2008)** GRB 080319C: AGILE-MCAL observation of the prompt emission
- **(March 26, 2008)** AGILE detection of a gamma-ray source coincident with Blazar PKS 1510-08
- **(February 29, 2008)** AGILE AO-1 News

Current Agile Pointing



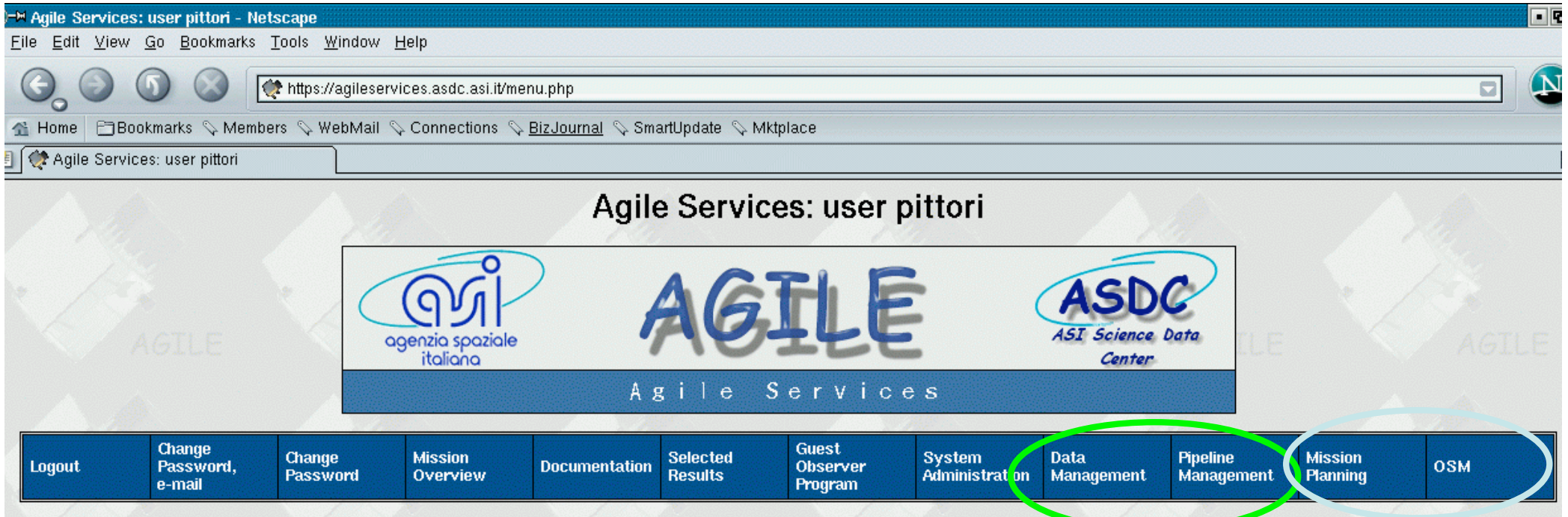
(Click for pointing details)

AGILE successfully launched!



AGILE Services:

ADC internal web I/F to AGILE archive and DataBase:



2.
Data Processing
&
Archiving

1.
GS Activity
&
MCC Interface

Processing and Data Management @ ASDC:

The screenshot shows a Netscape browser window with the URL `https://agileservices.asdc.asi.it/menu.php`. The page title is "Agile Services: user pittori". The main content area features the ASI logo (agenzia spaziale italiana), the word "AGILE" in large blue letters, and the ASDC logo (ASI Science Data Center). Below this is a navigation bar with the following items: Logout, Change Password, e-mail, Change Password, Mission Overview, Documentation, Selected Results, Guest Observer Program, System Administration, Data Management, Pipeline Management, Mission Planning, and OSM.

The screenshot shows the "Data Management" section of the interface. At the top, there is a blue bar with the text "Data Management Back to home page". Below this, there are three main columns: "Session", "Data Browsing", and "Interactive Quicklook".

| Session | Data Browsing | Interactive Quicklook |
|-------------------------|----------------------|-----------------------|
| Logout | TM Preprocessing | Manual QL Scheduling |
| Change Password, e-mail | Auxiliary | Upload Parameters |
| | Correction | |
| | Product File | |
| | Quicklook Standard | |
| | Incremental Standard | |
| | Variability Standard | |

Automatic data processing pipelines

Interactive data analysis sessions

Legenda

Interactive Quicklook Edit: user pittori

[Back to last menu](#) [Logout](#) [Jump to page bottom](#)

Session

| Session Name | Data S | Time (TT) | sendMail | Note | Creation Date | Modification Date |
|----------------|--------|-------------|----------|--|---------------------|---------------------|
| prova Cygnus X | 2008-0 | 18 05:58:00 | NO | prova cygnus mappa dalle 03:00 alle 5:58 | 2008-04-18 13:20:21 | 2008-04-18 14:06:22 |

Shell script
export tool

Run

| Unique ID | Run Name | Creation Date | Modification Date |
|-----------|-------------------------|---------------------|---------------------|
| 951 | run FT3 evt log mappe | 2008-04-18 13:22:59 | 2008-04-18 13:30:39 |
| 952 | run FT3 evt log mappe_1 | 2008-04-18 14:02:47 | 2008-04-18 14:06:22 |

Tasks in the Run

| idTask | idRunInput |
|---------------------|------------|
| LogGenerator | |
| GridEvGen | |
| AGexpmapgen | |
| AGctsmapgen | |
| AGgasmapgen | |
| FilterF4 | |
| ximageql_test_fixed | |
| filter_ft3ab | |
| filter_ft3 | |
| AGctsmapgenFT3ab | |
| GridEvGenFT3ab | |
| AGsrcloc | |
| AGsrclist | |

Link to data
and proc. logs

Data Processing Results

| First EVT Date (TT) | Last EVT Date (TT) | Status | Type | Priority | Log File | Data | Version | Proc Start (LT) | Proc End (LT) |
|---------------------|---------------------|--------|------|----------|--------------------------|---------------------------|---------|---------------------|---------------------|
| 2008-04-17 03:00:00 | 2008-04-18 05:58:00 | OK | USER | 1 | File Log | Data File | | 2008-04-18 14:06:31 | 2008-04-18 14:09:39 |

Automatic archiving, I/F data access and visualization (Java Applet)

Agile USER - Netscape

Back Forward Reload Stop http://agiles5.asdc.asi.it:8900/cgi-bin/list?type=qlusr&seq=pittori/0705110634_0705111322-30 Print

Home Bookmarks Google GLAST ASDC WEBMAIL @ Roma2.i... ASDC ASI Webmail Libero INFN - Istituto Nazio... Dipartimento di Fisi...

Agile USER

Period Start: 2007-05-11 06:34:00 - Stop: 2007-05-11 13:22:00

You have the following download options:

- Automatically unpack the data using a Java applet
- Download a tar file.

Select files below, then click this button to download the data:

Download

All Files

- FLG**
 - [00253 1 3901 000.lv1.cor.gz.flg](#) 42 kB
 - [00254 1 3901 000.lv1.cor.gz.flg](#) 339 kB
 - [00255 1 3901 000.lv1.cor.gz.flg](#) 398 kB
 - [00256 1 3901 000.lv1.cor.gz.flg](#) 524 kB
- [ag0705110634 0705111322.EVT](#) 2652 kB
- [ag0705110634 0705111322.LOG](#) 85 kB
- [Filter.report](#) <1 kB
- [GridEvGen task.report](#) 1 kB
- [ladoff table SIM.lut](#) 11 kB
- [LogGenerator task.report](#) 1 kB
- [mod.par](#) <1 kB
- [NewTree ID1.card](#) 1 kB
- [QL_30 20070514141318ql.log](#) 13 kB
- [standard E.par](#) 1 kB

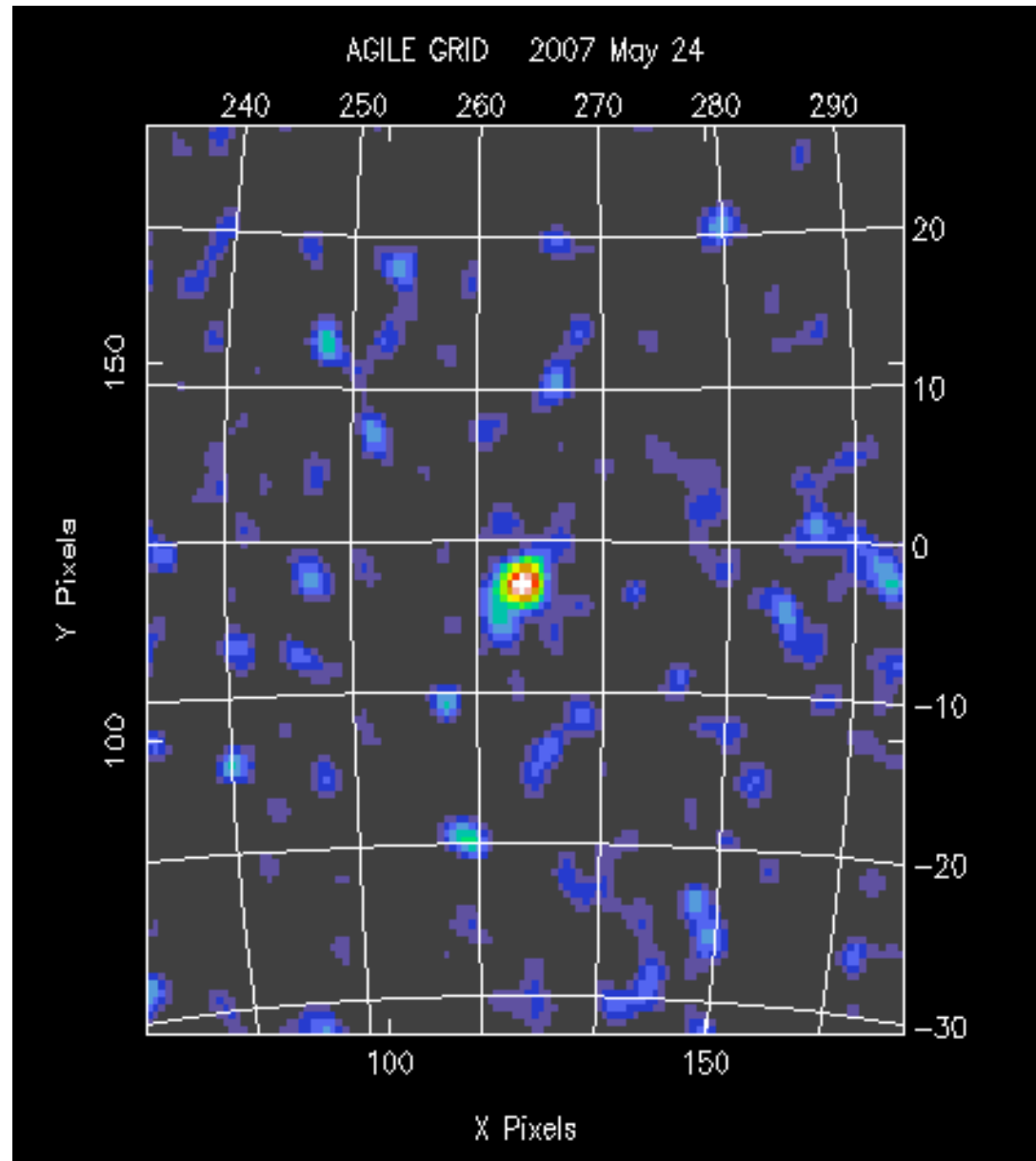
Done

Commissioning Phase:

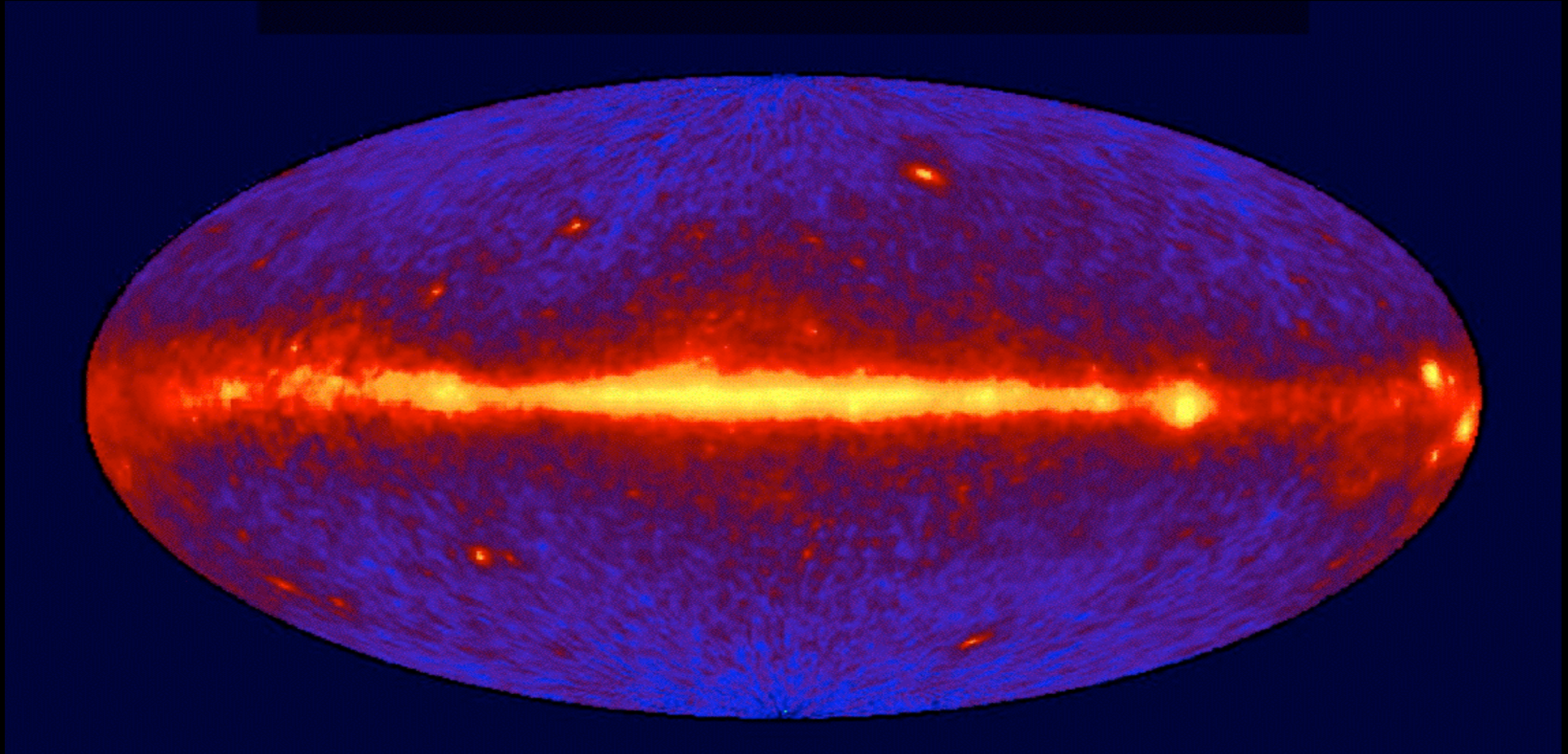
First GRID light

AGILE Vela PSR Count
Map **by ADC, 24/5/2007**

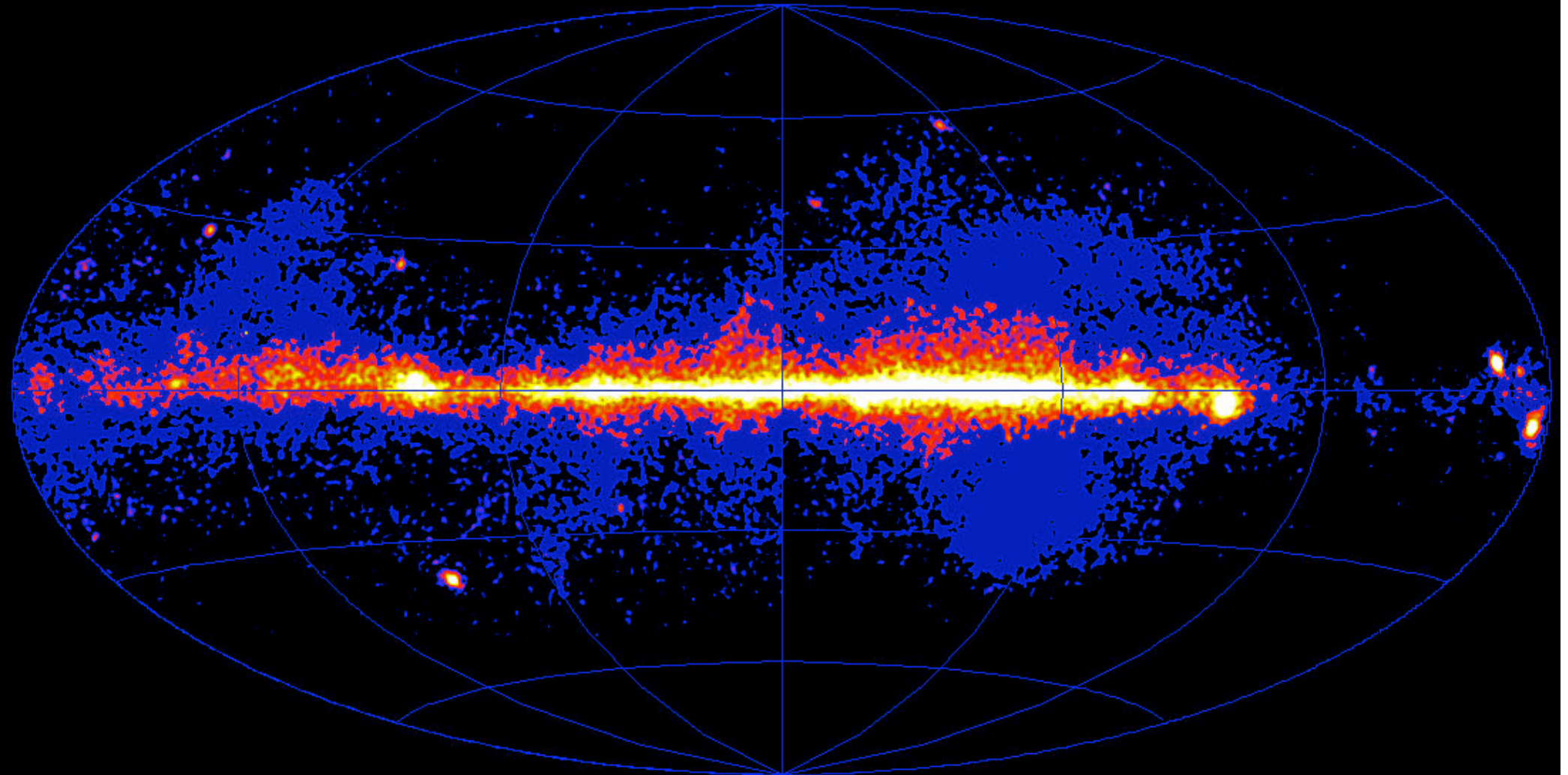
(~ 20000 s)



**The EGRET gamma-ray sky ($E > 100$ MeV)
9 years: 1991 - 2000**

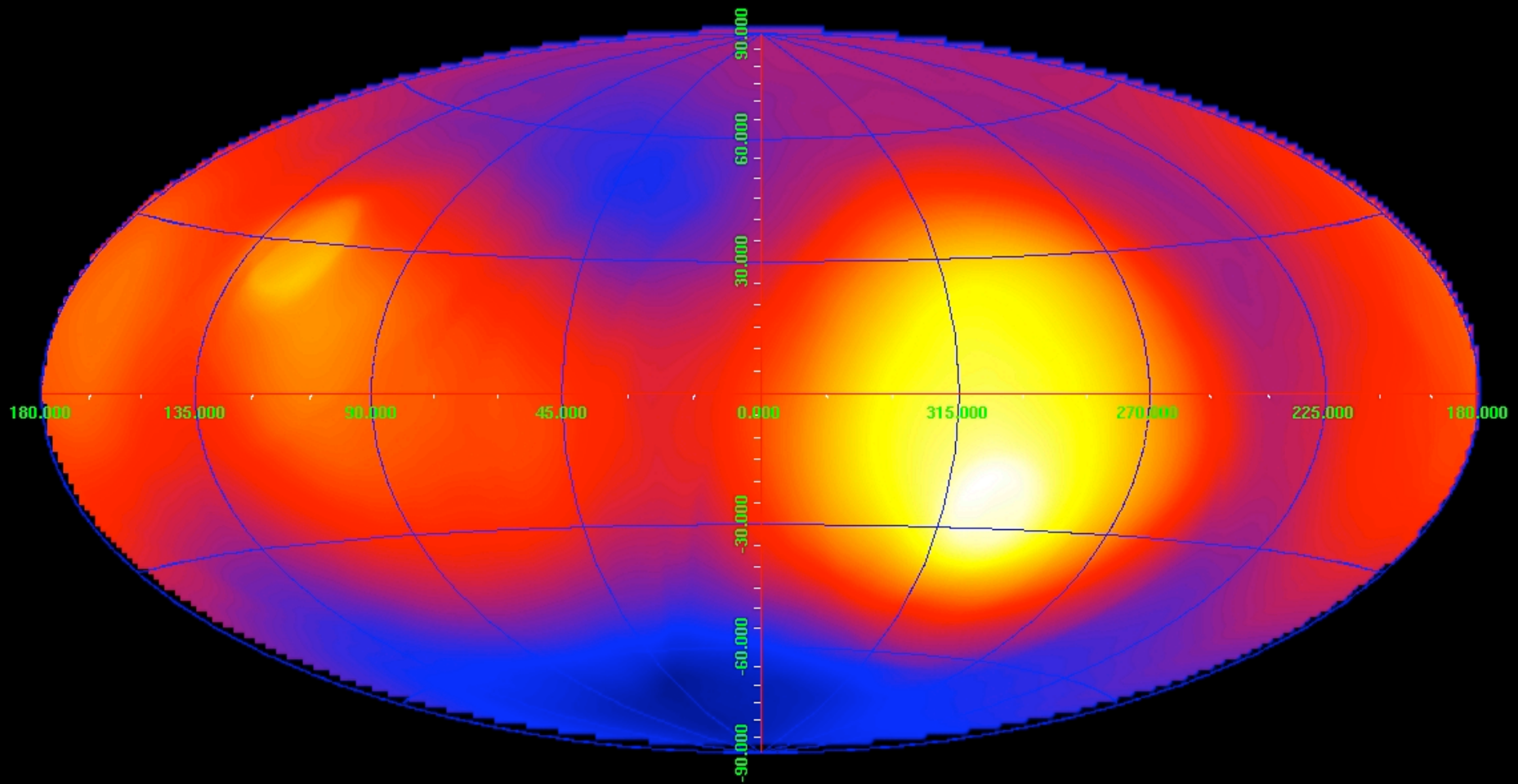


AGILE 9 months COUNT MAP (July 2007- April 2008)



AGILE 9 months EXPOSURE MAP

(July 2007- April 2008)



The AGILE test catalog at ASDC - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.asdc.asi.it/agileqlcat/indexdev.php?filecat=agsciv0804210300_0804220300_FT3ab_cat.js




Dag RPM Repository Dries RPM Repository FreshRPMs Google Red Hat Fedora Project

Agile QL Catalog The AGILE test catalog at ASDC The AGILE test catalog at ASDC

AGILE Quick Look catalog (Test) at ASDC










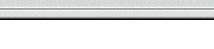
Available parameters

- Name
- Ra Dec
- Gal Iso
- Cnts Cnts Err. Sqrt(TS)
- XimageId Flux Flux
- Distance from FOVCent.
- Sp_Index
- Err_sp_index
- Other_name1
- Other_name2
- Other_name3

Reset   

GO

ASDC multimission tools

| Entry number | | AGILE name | RA (J2000.0) <small>hh mm ss.d</small> | Dec (J2000.0) <small>dd mm ss.d</small> | Gal | Iso | Cnts | Sqrt(TS) | Flux | Distance |
|--|--|----------------|---|--|----------|----------|----------|----------|-------------|----------|
| Subset selection mode: | <input type="text" value="inclusive"/> | ↑ ↓ | ↑ ↓ | ↑ ↓ | ↑ ↓ Stat | ↑ ↓ Stat | ↑ ↓ Stat | ↑ ↓ Stat | ↑ ↓ Stat | ↑ ↓ Stat |
| 1 <input type="button" value="Select"/> |  Data Explorer | AGL J1930+2108 | 19 30 05.5 | +21 08 52.7 | 0.861 | 3.32 | 24.3 | 3.3 | 0.000001731 | 5.9 |
| 2 <input type="button" value="Select"/> |  Data Explorer | AGL J1821+0034 | 18 21 38.1 | +00 34 19.2 | 0.636 | 10.9 | 16.4 | 3.12 | 0.000001292 | 22.9 |
| 3 <input type="button" value="Select"/> |  Data Explorer | AGL J1817-1250 | 18 17 04.3 | -12 50 02.3 | 0.496 | 17.2 | 12.9 | 1.99 | 0.000001282 | 35.7 |
| 4 <input type="button" value="Select"/> |  Data Explorer | AGL J1833-0901 | 18 33 50.8 | -09 01 22.7 | 0.413 | 18.3 | 13 | 1.81 | 0.000001127 | 30.8 |
| 5 <input type="button" value="Select"/> |  Data Explorer | AGL J2019+3820 | 20 19 54.7 | +38 20 24.0 | 0.519 | 10.6 | 6.98 | 1.26 | 5.168e-7 | 23.8 |
| 6 <input type="button" value="Select"/> |  Data Explorer | AGL J1904+0620 | 19 04 54.9 | +06 20 31.1 | 0.933 | 3.66 | 10.1 | 1.21 | 7.589e-7 | 14.5 |
| 7 <input type="button" value="Select"/> |  Data Explorer | AGL J1809-1920 | 18 09 36.7 | -19 20 49.2 | 0.388 | 23.3 | 4.49 | 0.68 | 5.458e-7 | 42.4 |
| 8 <input type="button" value="Select"/> |  Data Explorer | AGL J1851+0119 | 18 51 37.1 | +01 19 15.5 | 0.743 | 10.8 | 4.55 | 0.51 | 3.506e-7 | 19.8 |
| 9 <input type="button" value="Select"/> |  Data Explorer | AGL J1847-0411 | 18 47 23.0 | -04 11 20.4 | 0.635 | 14.4 | 0.35 | 0.05 | 2.783e-8 | 25.4 |
| 10 <input type="button" value="Select"/> |  Data Explorer | AGL J1913+1257 | 19 13 34.0 | +12 57 32.3 | 0.983 | 2.86 | 0 | 0 | 2.704e-19 | 8.1 |

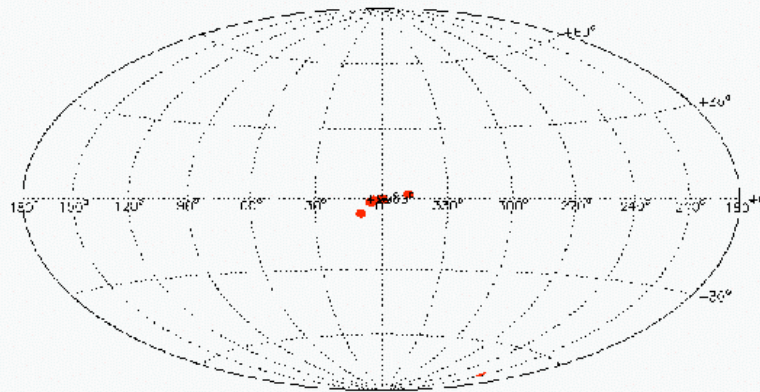
Done

SuperAGILE Orbital Analysis

Available parameters

- Source ID
- Identification Flag
- Source Class
- RA
- RA Error
- Dec
- Dec Error
- Flux
- Flux Error
- Exposure
- X Significance
- Z Significance
- Source Significance

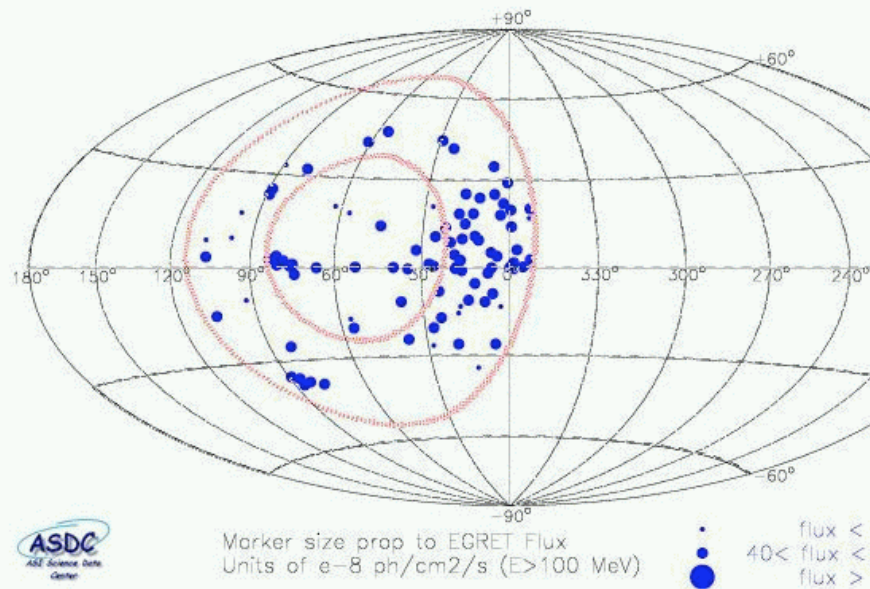
GO



Reset  [txt](#)

| Entry number | Source ID | Identification Flag | Source Class | RA (J2000.0) degrees | RA Error (degrees) | Dec (J2000.0) degrees | Flux (10e-2 erg/cm2) | Exposure | Z Significance |
|--|--|---------------------|--------------|-------------------------|--------------------|--------------------------|----------------------|----------|----------------|
| Subset selection mode: <input type="text" value="inclusive"/> | | | | | | | | | |
| 1 <input type="button" value="Select"/> | ASDC Data Explorer 1E1740.7-294 | Y | N/A | 265.977 | 0.0399 | -29.746 | 7.2033 | 598.97 | 37.987 |
| 2 <input type="button" value="Select"/> | ASDC Data Explorer 4U1700-377 | Y | N/A | 255.978 | 0.0437 | -37.841 | 11.273 | 598.97 | 51.097 |
| 3 <input type="button" value="Select"/> | ASDC Data Explorer GRS 1758-258 | Y | N/A | 270.308 | 0.0385 | -25.748 | 6.9589 | 598.97 | 29.016 |
| 4 <input type="button" value="Select"/> | ASDC Data Explorer 1E1742.8-285 AX J17091-29 | MULT | N/A | 266.403 | 0.0396 | -29.018 | 5.1495 | 598.97 | 26.686 |
| 5 <input type="button" value="Select"/> | ASDC Data Explorer IGR J17544-2 | Y | N/A | 268.585 | 0.0387 | -26.335 | 6.5208 | 598.97 | 33.157 |

Move mouse on a source and click



| | | | | |
|-----------------|---------|--------|---------|--------|
| Gal. Center II | 359.978 | 0.627 | 265.781 | -2 |
| Anti-Center I | 192.637 | 8.109 | 100.944 | 21 |
| SA Crab (8,24) | 188.961 | 16.996 | 108.283 | 26 |
| SA Crab (15,26) | 183.008 | 22.203 | 111.762 | 35 |
| Anti-Center II | 197.296 | 15.717 | 110.404 | 20.758 |
| Vulpecula Field | 53.039 | 6.474 | 286.259 | 20.819 |
| North Gal Pole | 104.852 | 35.439 | 250.075 | 72.497 |

ASDC + VO
Catalogs

Interactive Data Access
at ASDC

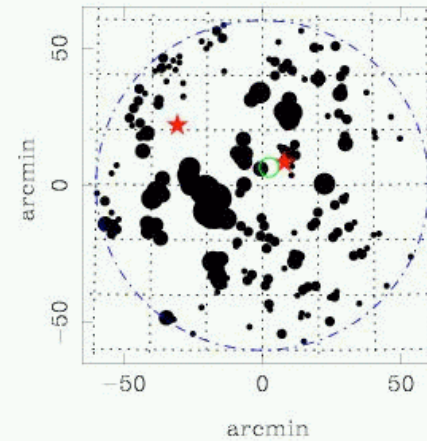
Spectral Energy
Distribution

Error circle
EXPLORER

Full Entry
Details



Entry ---
with sky coordinates Ra= 20 21 00.0 Dec=+40 17 59.9, L=78.05 b=2.08



Zoom

30



Current position R.A.=20 21 00.0 Dec.=+40 17 59.9, L=78.05 b=2

Multi-λ measurements
via ASDC Browse

Multi-λ measurements
via VO interface

Opt-DSS from eso

Image size 3 arcmin

NVS
Image
Image

Search radius 0.2 arcmin

STSCI MAST GSC2 2MASS NED SIMBAD

HEASARC(X-R-G) VIZIER(X-R-G) ASDC-R ASDC-X SDSS

USNO

SDSS DR6 Navigate tool

NVO
0.000

2008-04-08 12:00 2008-04-10 12:00

2008-04-10
12:00

2008-04-30
12:00

2008-04-30
12:00

2008-05-10
12:00

AGILE

Agile/report/QLSCI_10_04_2008 - ASDC Wiki - Netscape

http://wiki.asdc.asi.it/Agile/report/QLSCI_10_04_2008

ASDC ASI Science Data Center

Agile/report/QLSCI_10_04_2008

QLSCI_16_04_2008 » QLSCI_15_04_2008 » Agile/report » QLSCI_14_04_2008 » QLSCI_10_04_2008

ASDC Agile Swift Glast VO Simulatore ASDC Sistema Solare GAIA RecentChanges FindPage **QLSCI_10_04_2008**

Immutable Page Comments Info Add Link Attachments More Actions:

GRID DAILY REPORT

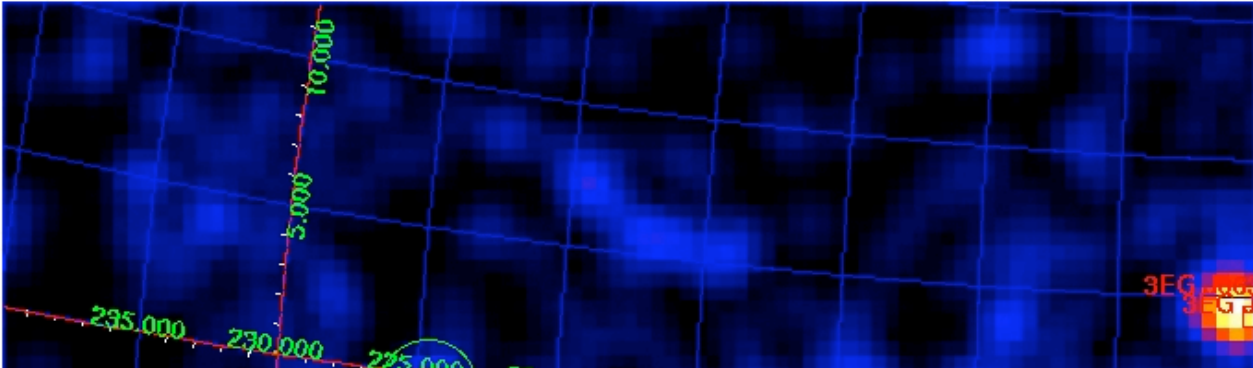
10 Apr. 2008

M. Marisaldi, D. Gasparri

Periodo di analisi 24 ore: Start: 2008-04-09 03:00:00 - Stop: 2008-04-10 03:00:00

- Filtro F4:

E' presente una sorgente con $\sqrt{\text{TS}} > 3$ oltre a CRAB e Geminga:
L=224.8280 B=-1.3250 con $\sqrt{\text{TS}} = 4.44$, la sorgente dista dal centro del puntamento 39.4 gradi, ai bordi quindi dell'anello

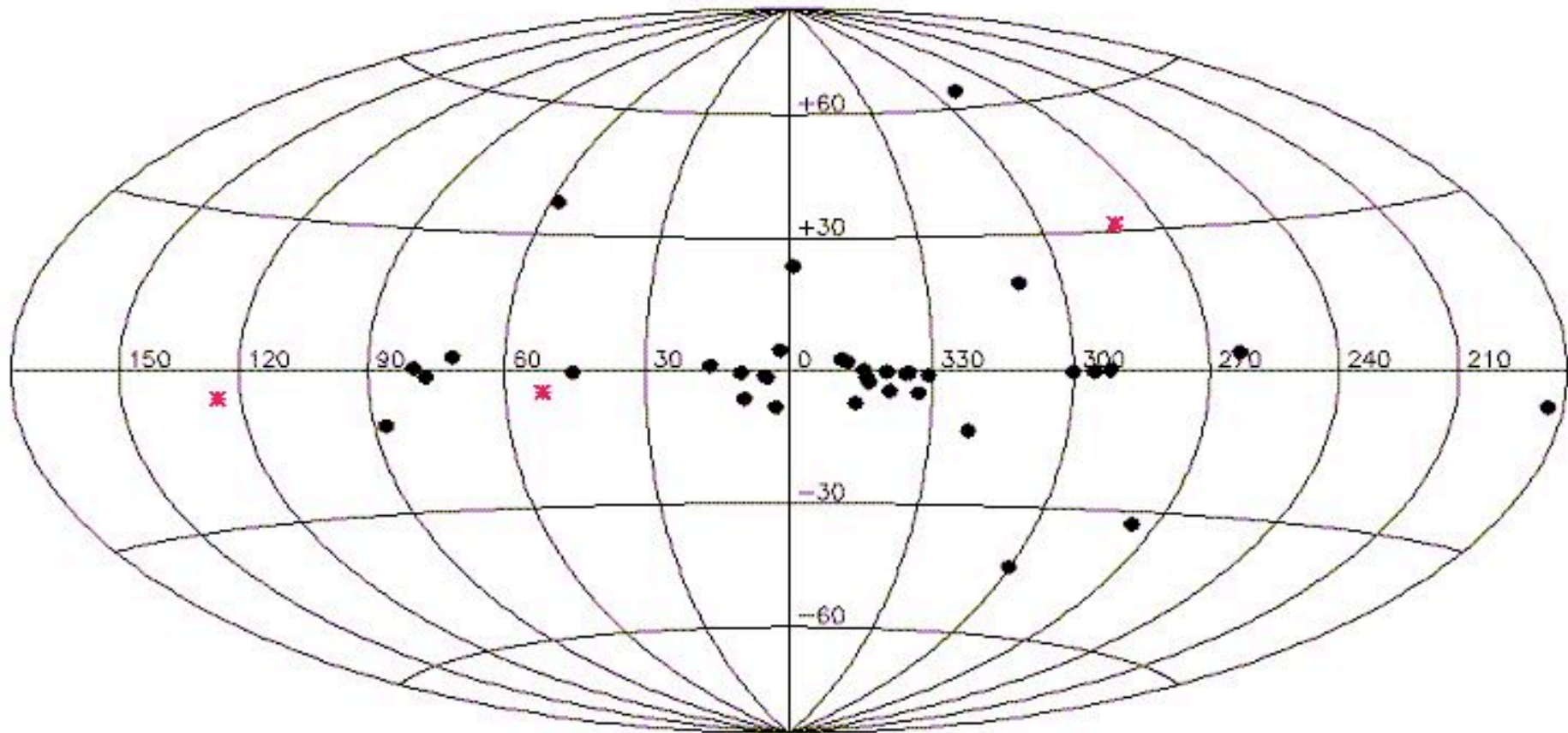


⇒ 15 Astronomer's Telegrams (ATel)

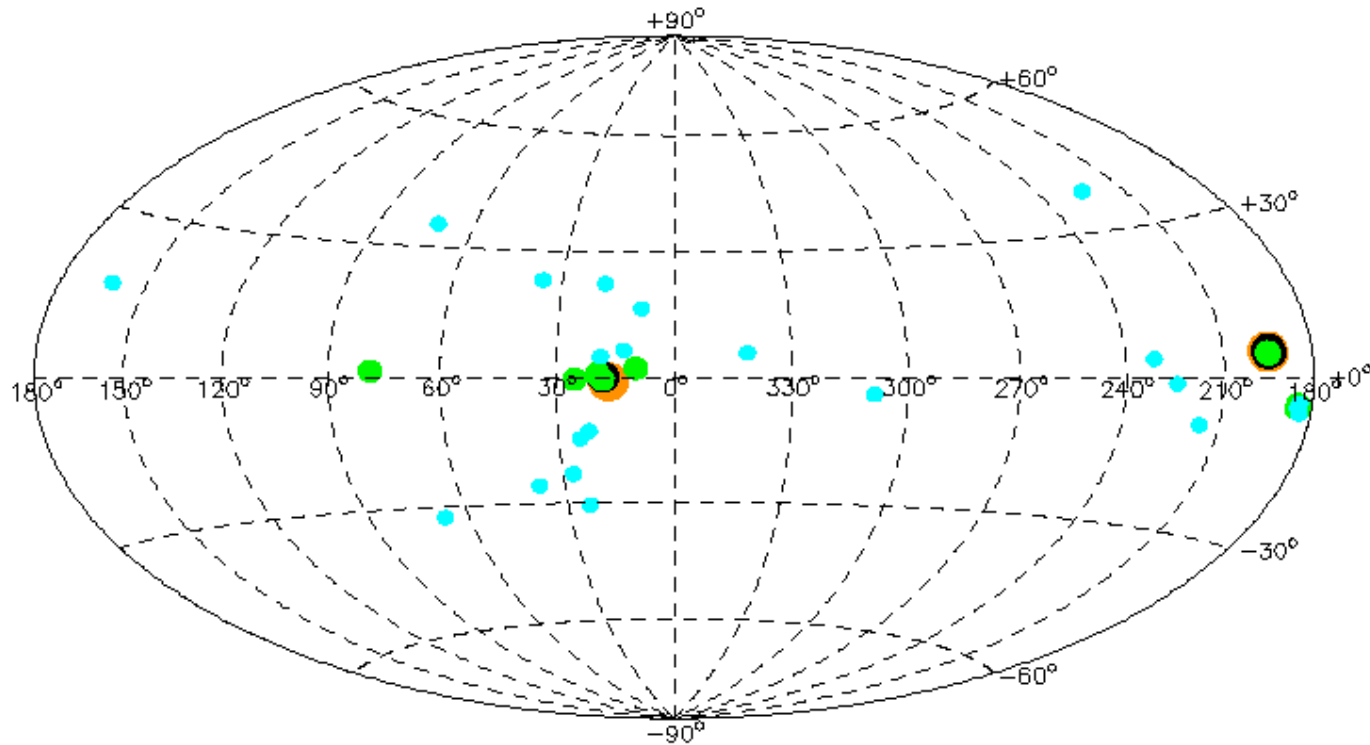
⇒ 8 GCN Circulars (GRB Coordinates Network)

SuperAGILE non-GRB sources detected between Nov 2007 and Jan 2008

SuperAGILE OBSERVED SOURCES



AGILE GRID Quick Look **Test** Catalogue: *under construction*

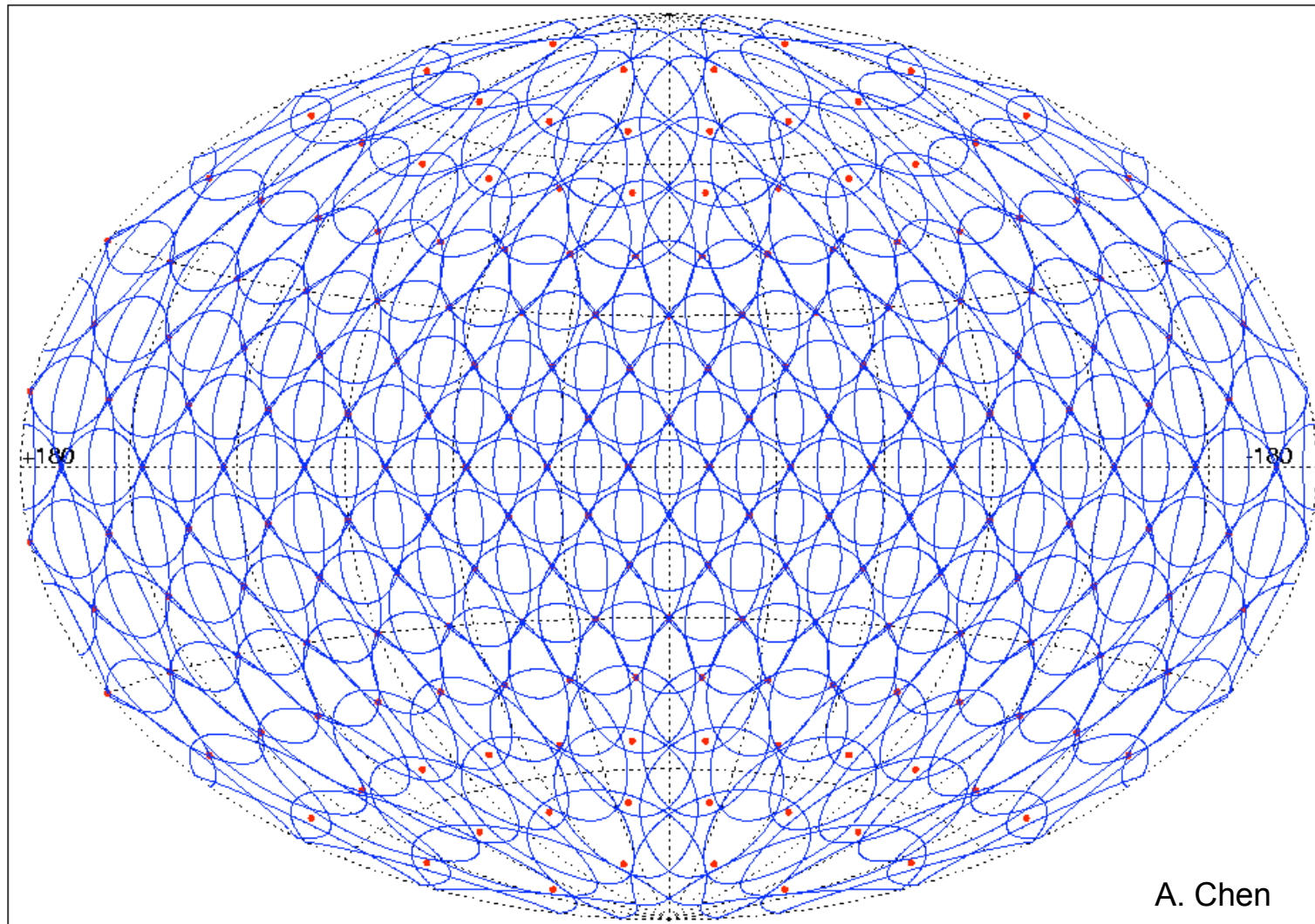


First AGILE GRID data reprocessing with in-flight calibrations
and available software updates: completed on April 9th.

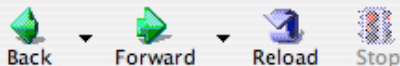
Second reprocessing with updated software and calibrations to be started **next month**.

AGILE First Consolidated Source Catalogue:
*to be published within **October 2008***

AGILE healpix 4



A. Chen



http://agile.asdc.asi.it/ao.html



Home | Bookmarks | Google | AGILE | GLAST | ASDC | WEBMAIL @ Roma2.i... | ASDC ASI Webmail | Libero | INFN - Istituto Nazio... | Dipartimento di Fisi...

Gmail: Email from Google

AGILE, Astro-rivelatore Gam...



AGILE

Astro-rivelatore Gamma a Immagini Leggero [Back to Home Page](#)

Agile News

Agile Pointings

Mission Overview

Selected Results

Restricted Area

Guest Observer
ProgramAgile Team Home
Page

Agile Helpdesk

Agile AO-1

The official list of all AGILE AO-1 approved targets is now available [here](#)

The Italian Space Agency (ASI) announces the release of the first Announcement of Opportunity to solicit proposals for the Guest Observer Program (GOP) of the AGILE mission.

This announcement solicits proposals for observations to be carried out during the observing time beginning on December 1st, 2007, and lasting twelve months.

Proposals may be submitted at any time during the period starting 1 October 2007 and ending 31 October 2007.

Top level documentation regarding this AO can be found [here](#).

Proposals may be prepared and submitted using a set of dedicated ASDC GOP [on-line services \(Proposal Preparation\)](#).

Please remember that **users must register in order to access the "proposal submission tool"** and to prepare and update their proposals before final submission.

AGILE BASELINE POINTING PLAN (ABPP) - Cycle 1 :

The table provides the coordinates of the pointing centroids at the beginning of the pointing periods.

Scientific program open to the community: Cycle-1 Guest Observer Program. GO data taking started on Dec. 1, 2007

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Agile AO1 Approved Targets

Legenda Agile AO1 Approved Targets

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Approved Targets [Show as PDF in a new window](#)

| Target Name | RA (J2000) | Dec (J2000) | RA (J2000) | Dec (J2000) | l | b | PI Name | Proposal ID | TargetClass | Title |
|----------------|---------------|----------------|------------|-------------|---------|---------|--------------------|-------------|------------------------|--|
| 3EG J0010+7309 | 0h 9m 36.48s | 73 10' 55.20" | 2.402 | 73.182 | 119.870 | 10.559 | Diego Torres | 39 | 3EG Sources | AGILE GRID observations of Unidentified EGRET sources likely related to supernov |
| J0030+0451 | 0h 30m 27.35s | 4 51' 39.59" | 7.614 | 4.861 | 113.141 | -57.611 | Andrea Possenti | 6 | Pulsars | Investigating the gamma-ray properties of a sample of northern radio pulsars |
| 1ES 0033+595 | 0h 35m 52.55s | 59 50' 6.00" | 8.969 | 59.835 | 120.975 | -2.978 | David Williams | 7 | Active Galactic Nuclei | Multiwavelength Studies of Candidate TeV Blazars with AGILE |
| PSR J0108-1431 | 1h 8m 8.15s | -14 31' 47.99" | 17.034 | -14.530 | 140.927 | -76.815 | Patrick Weltevrede | 21 | Pulsars | Searching and studying gamma-ray counterparts of a sample of southern pulsars |
| 1ES 0120+340 | 1h 23m 8.64s | 34 20' 49.20" | 20.786 | 34.347 | 130.346 | -28.068 | David Williams | 7 | Active Galactic Nuclei | Multiwavelength Studies of Candidate TeV Blazars with AGILE |
| J0205+6449 | 2h 5m 37.92s | 64 49' 44.39" | 31.408 | 64.829 | 130.719 | 3.085 | Andrea Possenti | 6 | Pulsars | Investigating the gamma-ray properties of a sample of northern radio pulsars |
| PKS 0208-512 | 2h 10m 46.31s | -50 58' 58.79" | 32.693 | -50.983 | 276.055 | -61.804 | Elena Pian | 13 | Active Galactic Nuclei | Multiwavelength Variability of Gamma-Ray-Loud Blazars |
| J0218+4232 | 2h 18m 6.24s | 42 32' 16.79" | 34.526 | 42.538 | 139.508 | -17.527 | Andrea Possenti | 6 | Pulsars | Investigating the gamma-ray properties of a sample of northern radio pulsars |
| 3C 66A | 2h 22m 39.59s | 43 2' 5.99" | 35.665 | 43.035 | 140.143 | -16.767 | David Williams | 7 | Active Galactic Nuclei | Multiwavelength Studies of Candidate TeV Blazars with AGILE |
| J0323+5122 | 3h 23m 35.99s | 51 22' 11.99" | 50.900 | 51.370 | 145.636 | -4.667 | Vincenzo Vitale | 31 | 3EG Sources | AGILE study of gamma ray sources possibly associated with the Gould Belt |
| B2 0321+33B | 3h 24m 41.3s | 34 10' 44.40" | 51.171 | 34.179 | 155.727 | -18.757 | David Williams | 7 | Active Galactic Nuclei | Multiwavelength Studies of Candidate TeV Blazars with AGILE |
| Per OB2 | 3h 40m 0.0s | 33 0' 0.00" | 55.000 | 33.000 | 159.152 | -17.765 | Elena Orlando | 36 | 3EG Sources | Search for gamma-ray emission from star-forming regions |

GOP Schedule

AGILE AO1:

Submitted proposals: 29

Approved/P. Approved: 24

Requested Targets: 122

Approved Targets: 100

Pulsars: 39

AGN: 31

3EG sources: 30

- SW build GO 1.0 + test dataset: *released on May 22, 2008*

- GO data validation: *on-going*

- GO data distribution: *started on June 5*

The screenshot shows a web browser window with the title "Agile Services". The browser's address bar contains "ogle" and the page title is "Agile Services". The website header features the logos for ASI (Agenzia Spaziale Italiana) and ASDC (ASI Science Data Center), with the word "AGILE" in large blue letters in the center. Below the header is a blue navigation bar with the text "Guest Observer Program Back to Agile home page". The main content area is divided into three columns: "Session", "Documentation", and "Tools".

| Session | Documentation | Tools |
|-----------------------|---|---|
| Login | Agile AO1 Approved Targets | Visibility & Flux Limit Computation |
| | Letter by ASI-OSU Announcing AO1 | AO1 Pointings and 3EG sources in the AGILE f.o.v. |
| | Agile AO1 Polices and Procedures | |
| | Agile AO1 Pointing Plan | |
| | AGILE Team Source List | |
| | Template for the Scientific Justification | |
| | Proposal Generation Tool Manual | |