Data Access Through the HSA

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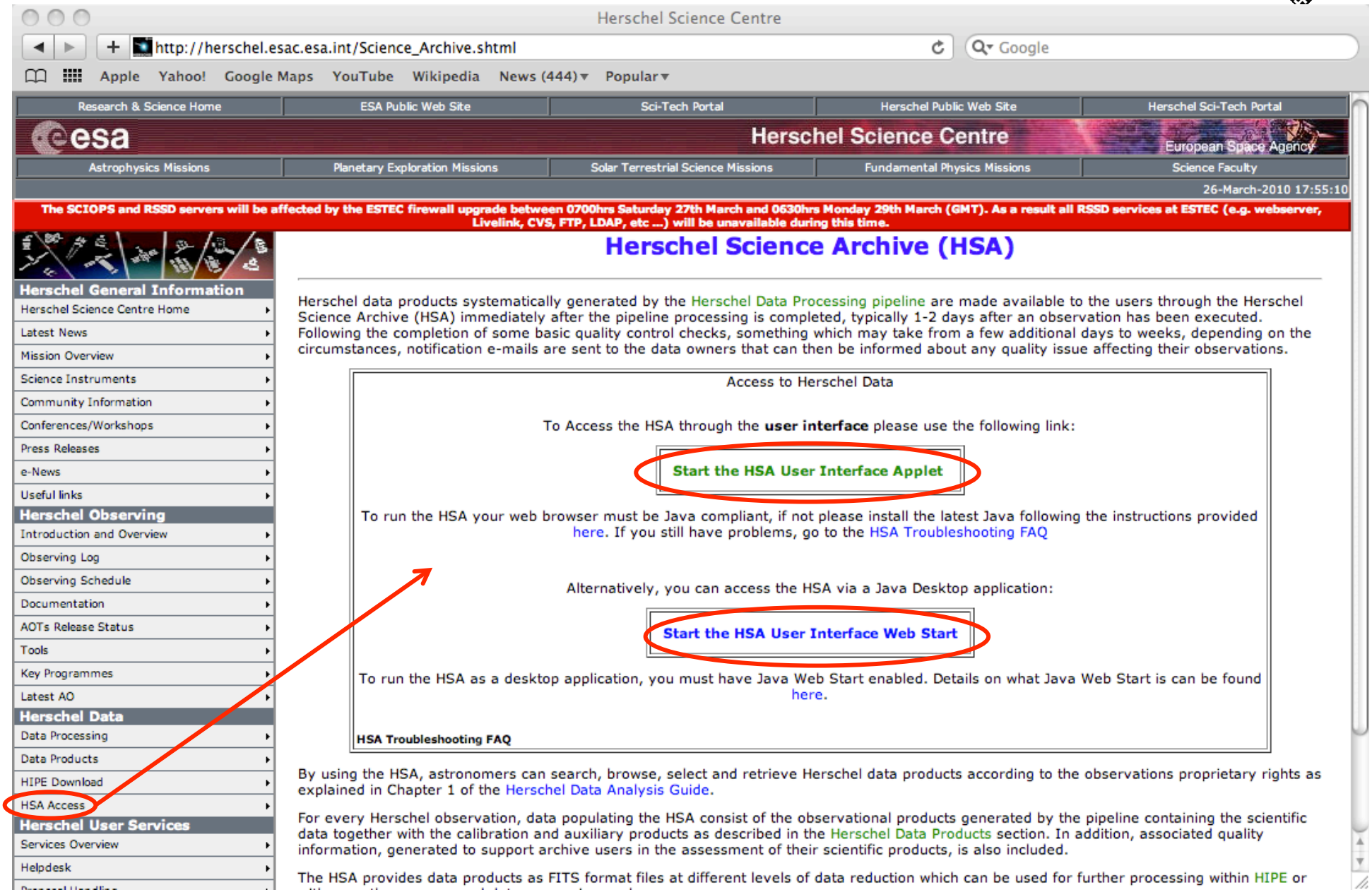
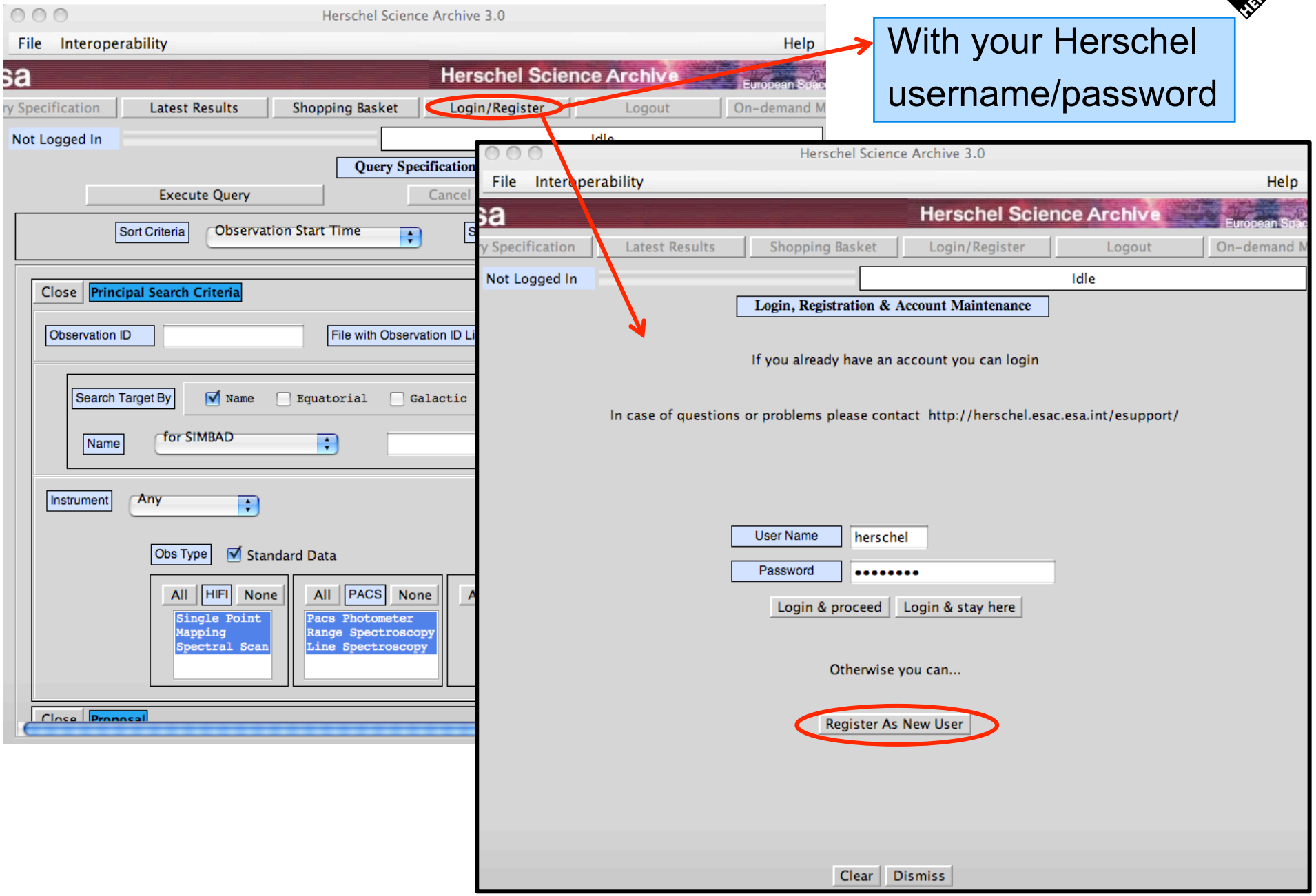
HSC-ESAC

HERSCHEL SPACE OBSERVATORY

Data Access: Access to HSA



HSA User Interface (I): Login



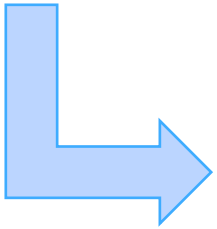
With your Herschel username/password

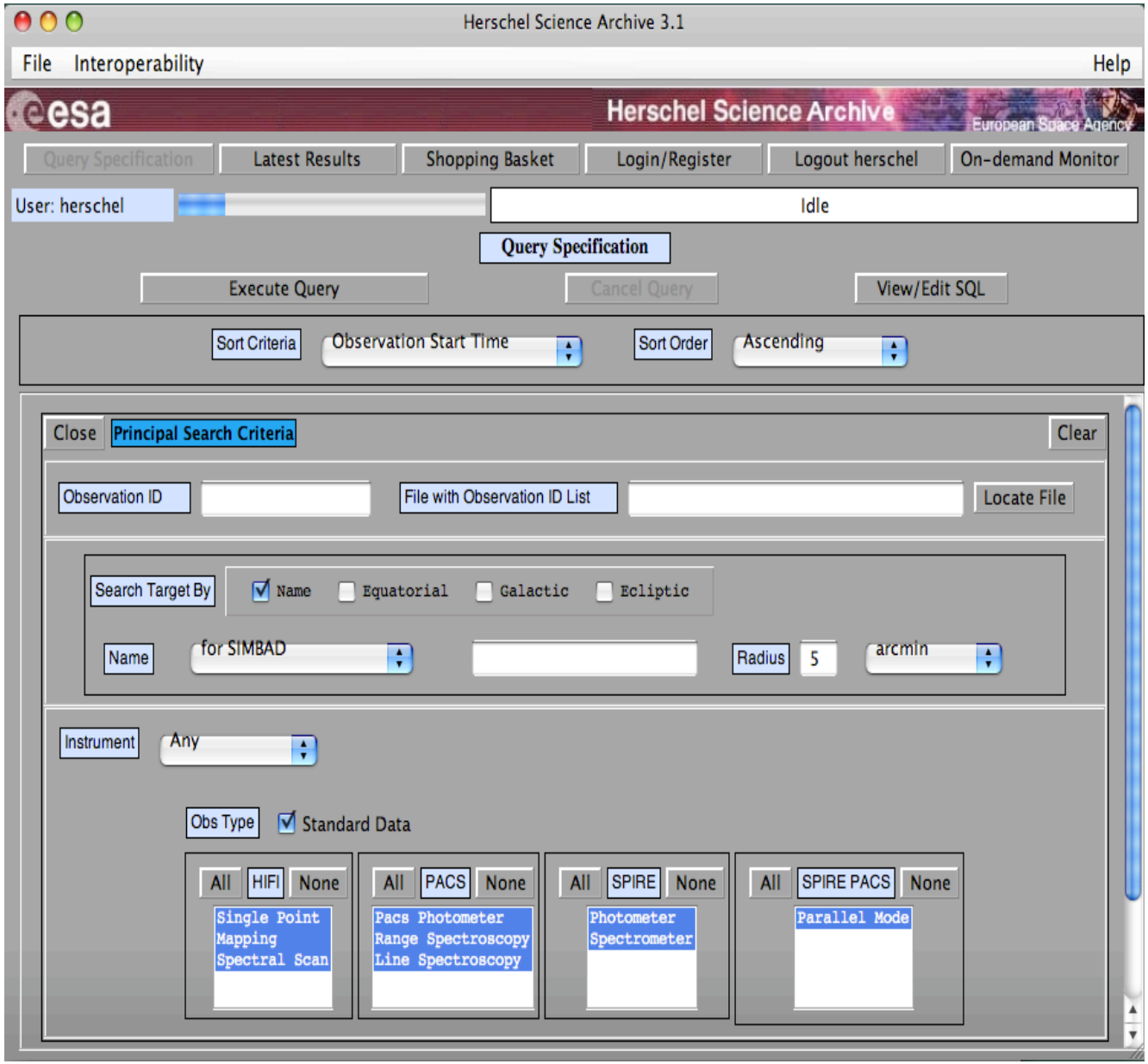
HSA User Interface (II): Queries

Organised by panels

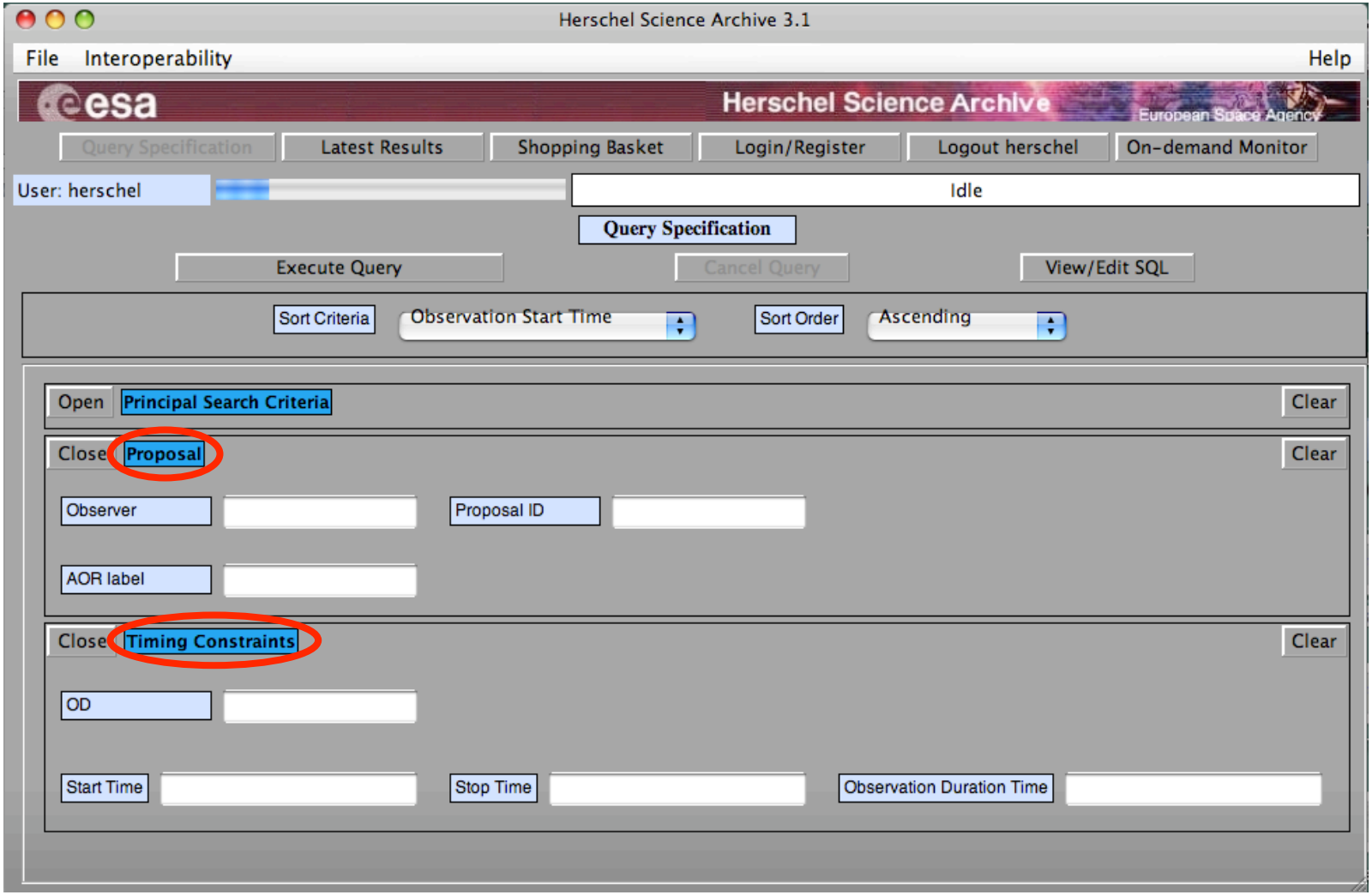
Main query panel:

- Observation ID
- Target name/coord
- Instrument/AOT





HSA User Interface (III): Queries



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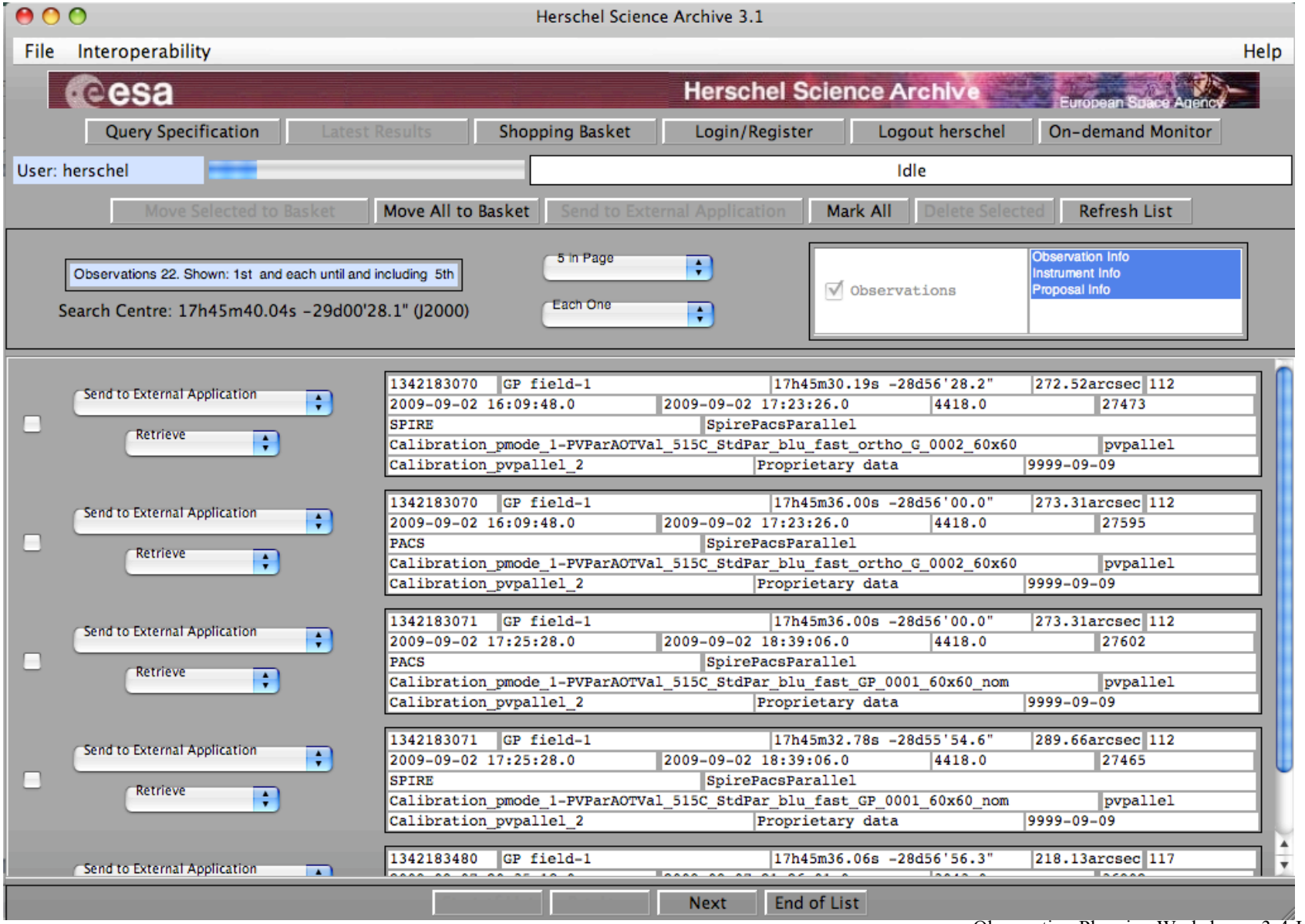
HSA User Interface (IV): Result



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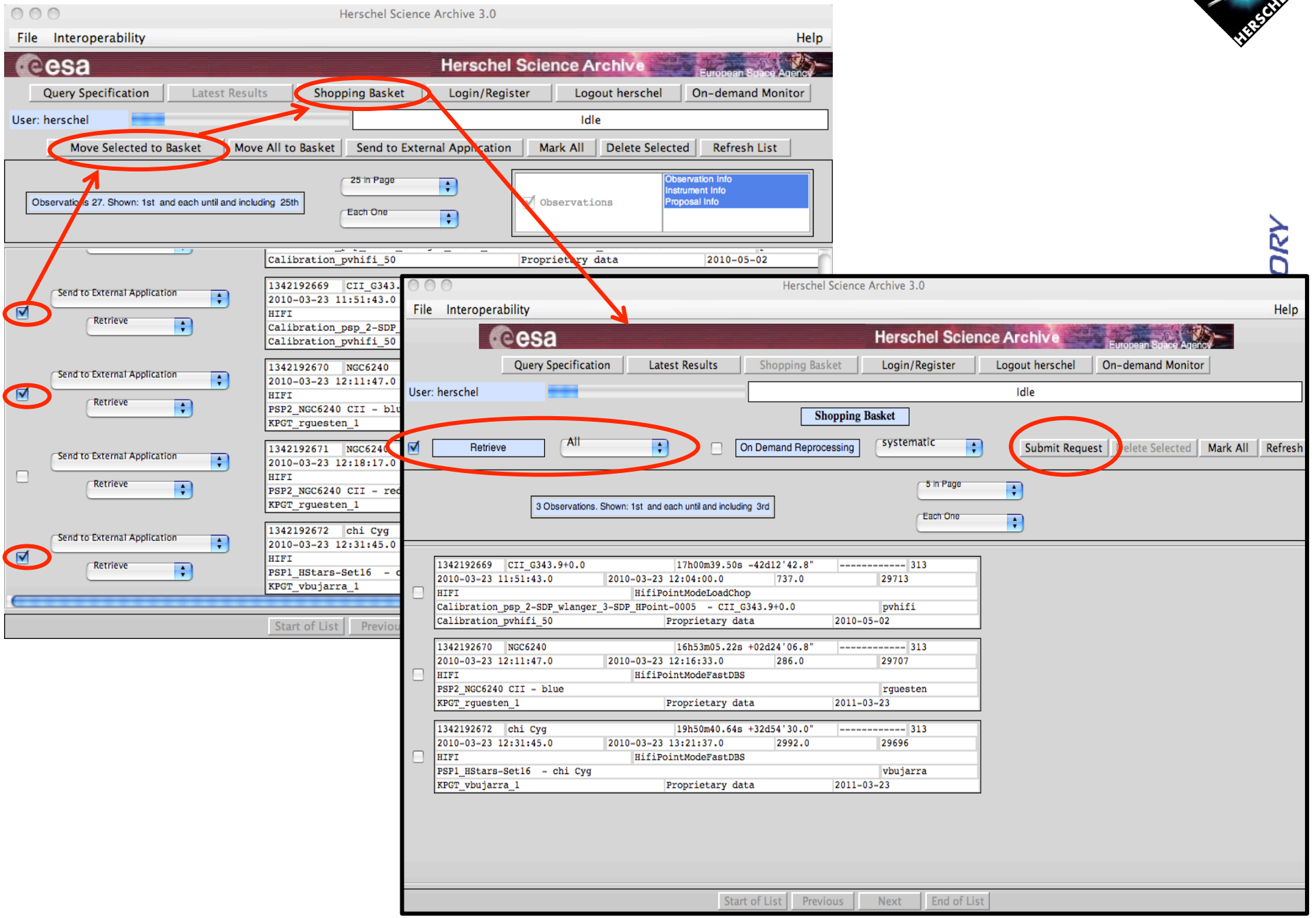
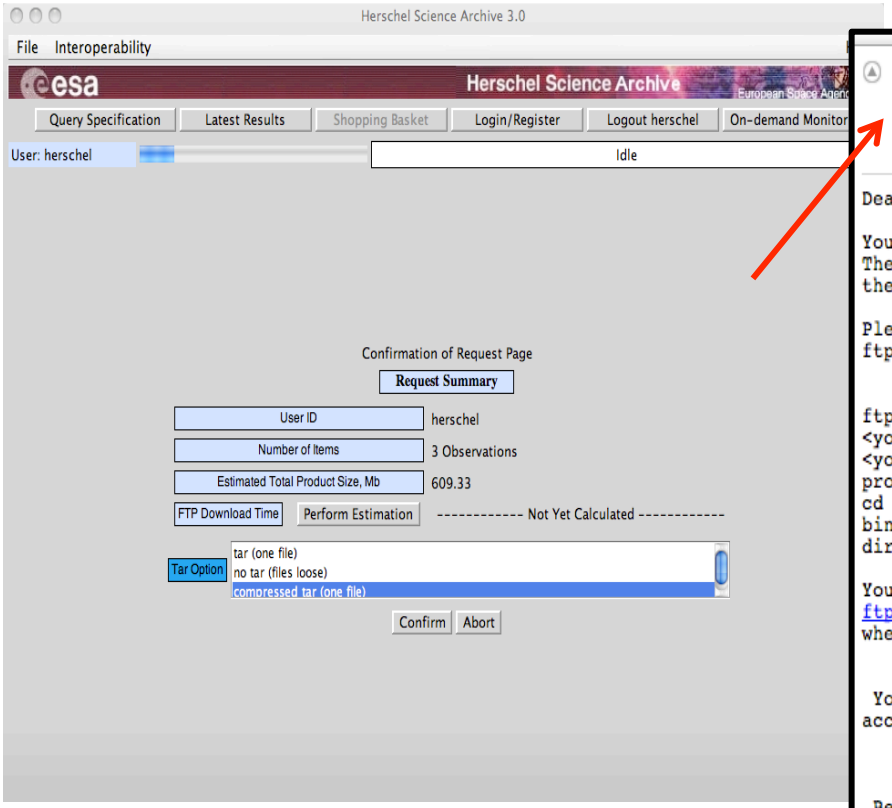
HSA User Interface (V): Shopping basket



HSA User Interface (VI): Data retrieval



Subject: **Your HSA Science Archive Data request herschel16550673 has been processed**
From: hsahelp@sciops.esa.int
Date: 25/3/10 15:09
To: hsccsg@sciops.esa.int

```
Dear HSA User,

Your retrieval request has been successfully processed.
The data may be retrieved from the following address where
they will remain for 3 days.

Please follow the instructions below to access/browse the
ftp area where your data are located:


ftp hsa.esac.esa.int
<your user name>
<your password>
prompt
cd herschel16550673
binary
dir

You can also access your files online from the browser at:
ftp://herschel@hsa.esac.esa.int/herschel16550673/
where you will be able to see some of the products on-line.


 You can get more information about the Herschel project by
accessing the Herschel web pages from the following URL:

     http://herschel.esac.esa.int/

 Best Regards,

 The Herschel Science Data Archive team
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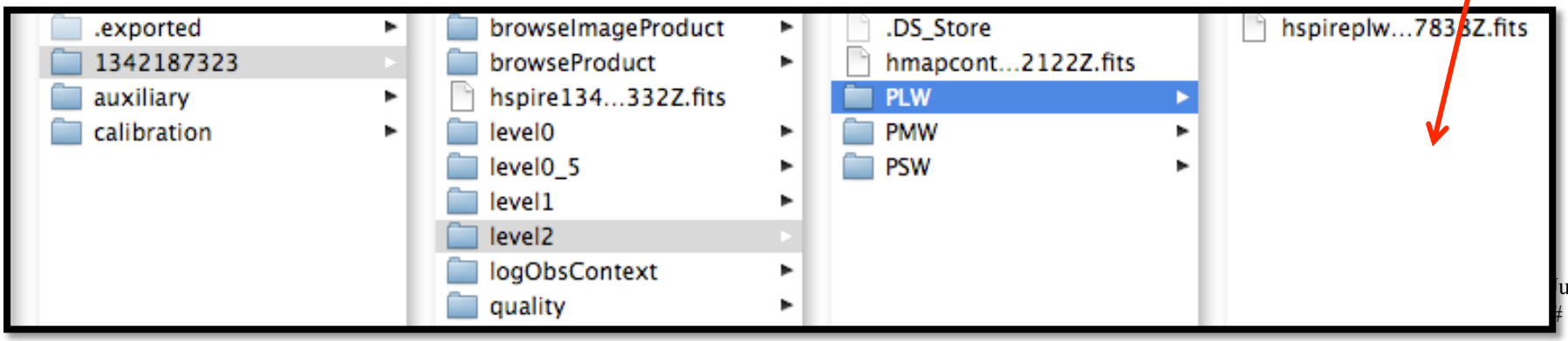
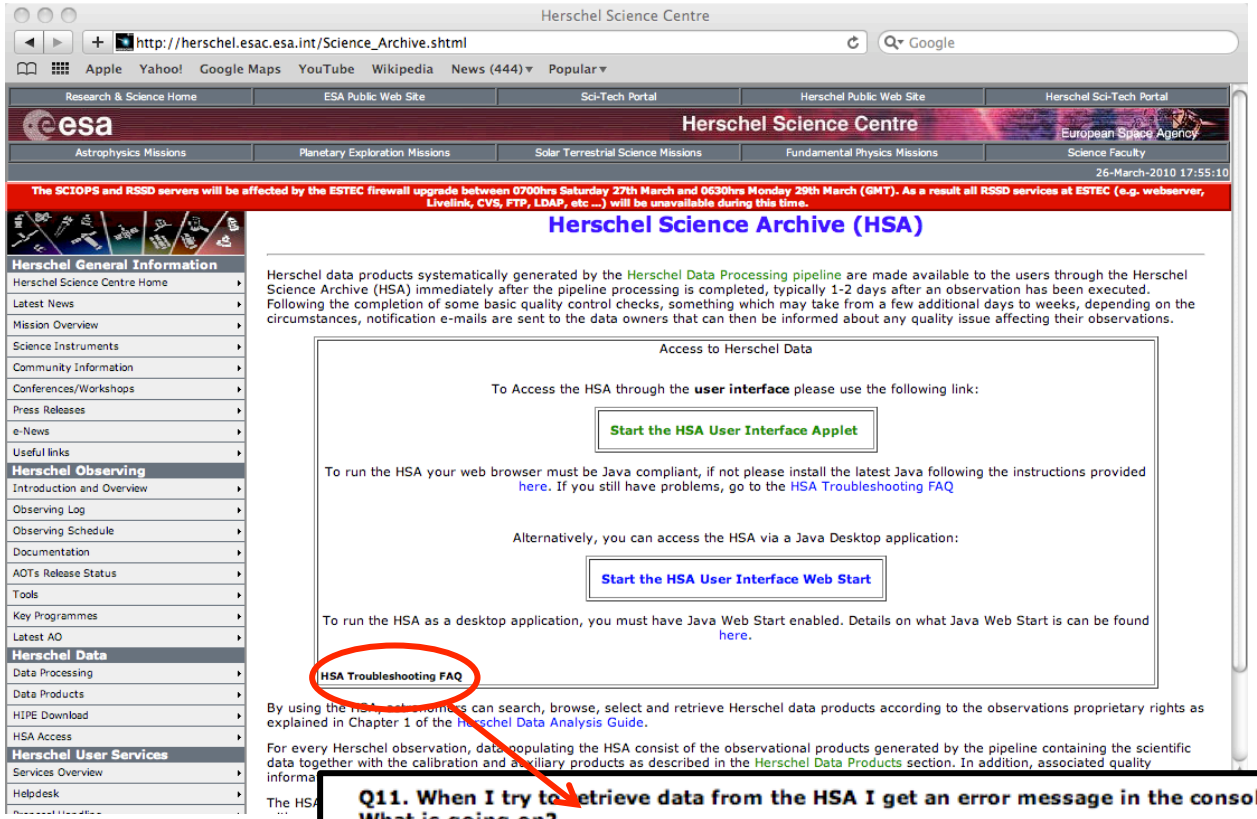


HSA FAQ



Problems with the ftp?

Consult the HSA FAQ

Q11. When I try to retrieve data from the HSA I get an error message in the console about an invalid magic number for FITS file. What is going on?
A11 The reason is that the "data" being downloaded is in reality a small file containing an error message.
Possibly your Herschel password has non-alphanumeric characters in it. Please change it to a password containing only letters and numbers.

Q12. I have downloaded FITS files in a TAR archive from the HSA, but they are corrupted. How can I fix them?
A12 You probably used WinZip, or some equivalent compression software, in Windows. WinZip has an option called TAR file smart CR/LF conversion, in the Miscellaneous tab of the Configuration dialogue window (at least for version 12.0), that is enabled by default and causes the corruption. Just disable the option to solve this problem. For more information, please see the Data Analysis Guide: Section 1.3.5.2, "Corrupted FITS file after unzipping"

Q13. I have downloaded FITS files in a TAR archive from the HSA, but when untaring it I get the message "lone zero block".
A13 The untaring (depending on the command used to untar) could give a "lone zero block" message at the end. This message can be ignored. The tar is correctly untared and there are no problems with the FITS files.

Q14. When I retrieve a tar file with my MAC via ftp, the tar I got seems to be empty. In fact, the size of the tar is too small (1 few Kb) to contain any Herschel FITS file.
A14 The standard Mac FTP browser does not work properly with the HSA ftp when you use the URL. It tries to mount it as a local disk but only put the reference and it does not invoke the real download. You should open a terminal (or use another ftp client) and connect directly to the ftp server.

Last updated: Wednesday, 24-Mar-2010 18:10:12 CET

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