ANA Quick Instructions for Observers (Ver.0.8   2001/05/01 Geo.)
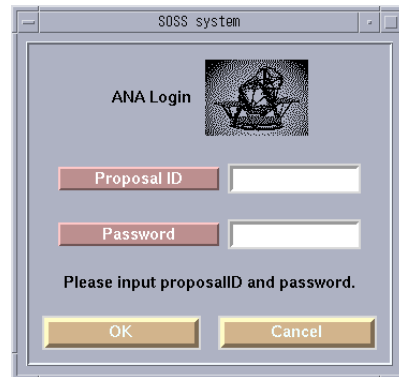
What you can do on ANA :

Browse the latest images (data) taken by the instrument and AG/SH/SV
Apply the analysis to the acquired data
Edit your Observation Procedure File

* If your proposal ID is oXXXXX, then the acquired data will
 be stored in /data/oXXXXX and you can use the work area of
 /work/oXXXXX.

How to start-up the ANA workstation?

> Unix (CDE) Login : uXXXXX
        Passwd : Ask your Support Scientist

> SOSS Login by clicking the right-mouse-button on
the blank workspace and select "ANA Login".
        Proposal ID : oXXXXX
        Passwd : Ask your Support Scientist (Fig.1)

(Fig.1)

(Fig.2)

> ANA Main Menu (Fig.2)

Observation Log browser/editor
  coming soon??

Tools for the individual instrument :
 Select the instrument used for the
 observation. Data analysis tools,
 quality assessment tools, and other
 convenient tools are provided by
 each instrument developers.

ANA Command Manager :
Some instruments require the observation
control parameters which would be calculated
by ANA using data analysis tools. And the
Observation System can send the various
executable commands to ANA. If your instrument
needs the interaction between SOS and ANA, you
have to start-up the "ANA system". (Just click).
(Fig.3). Ask the Support Scientists whether it
is necessary for the observation or not.

Real Time FITS Viewer : (prototype)
You can browse the latest image(data)
on this FITS Viewer (Fig.4). The data
transfered from the instrument will be
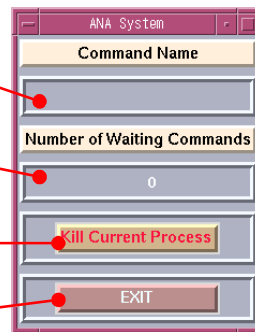shown automatically.

> ANA Command manager (Fig.3)

Name of the command sent from SOS

Number of the waiting commands

If the running process gets out of control,
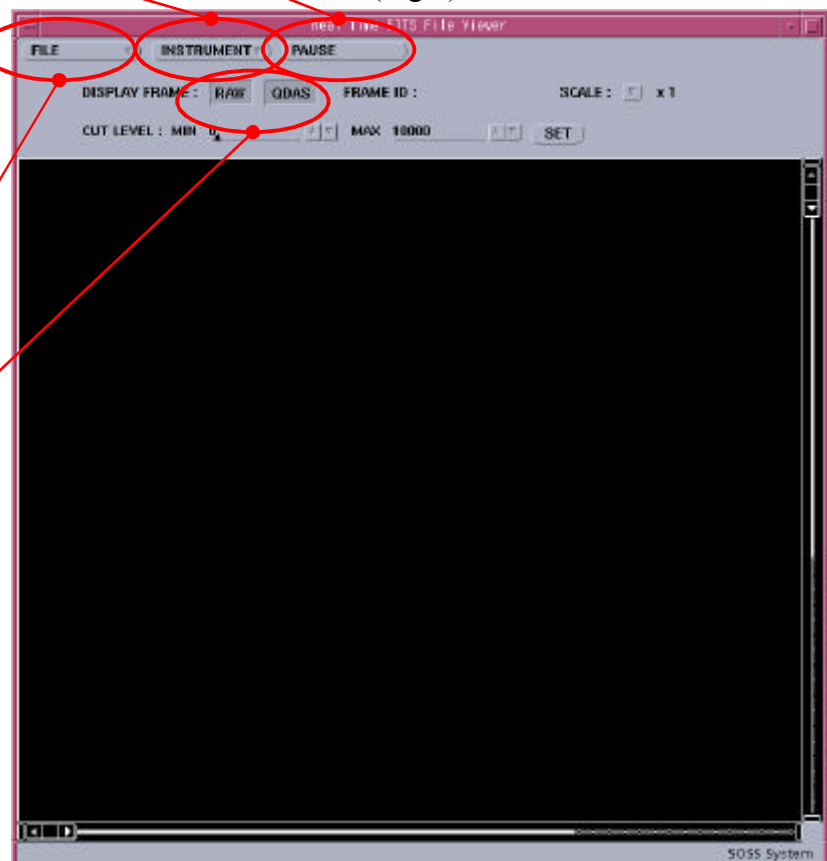click me.

Exit ANA Command Manager

ANA System

Command Name

Number of Waiting Commands

0

Kill Current Process

EXIT

(Fig.3)

> Real Time FITS viewer (Fig.4) (prototype)

Images are over-written by the
latest one. If you want to watch
the current image, click "pause".

(Fig.4)

Select the instrument which you
want to observe the data.

You can close this viewer.

You can browse raw data, Qdas
data (quickly analized data), or
both of them. If the instrument
send the reduced data for the
quick look and the QDAS button
is activated, you can observe them
in the viewer.

FILE   INSTRUMENT   PAUSE

DISPLAY FRAME : RAW QDAS   FRAME ID :   SCALE : x1

CUT LEVEL : MIN 0   MAX 10000   SET

SOSS System

How to edit / modify your Observation Procedure File (OP)

> Open the terminal window
> type : su - oXXXXX <ret>
    (oXXXXX is your proposal ID)
> OPs are stored in the "Procedure" directory just under the proposal ID's home.
    (/home/oXXXXX/Procedure/)
> The extension of the OPs are "ope" or "opo".
> You can use the following editors as of today.
        vi, emacs
> If the new window cannot be opened on your desktop, try "xhost +".

* If you want to edit your OPs, please let the support scientists know before editting.
  Inappropriate change may cause error and you may suffer observing time loss.

How to terminate the ANA workstation?

> After closing all windows and sub-windows called from the main menu (Fig.2),
 you can close the main menu. Then exit from the CDE workspace by clicking the
 "EXIT" button.

* You always have to close the main menu before Unix Logout.

Thank you

Comments, suggestions : mail to SOS@naoj.org