

IRIM WILDFIRE Quick Reference Sheet (June 1999)

Set-up Words

obsinit	Initialize environment
[telescope]	Login account
[posted]	Account password
startwf	Start WILDFIRE
source	Include tcl program (full path)

Status Words

status s	Detector status
status t	Temperature status only
status v	Detailed voltage status
?filter	IRIM filter status

Parameter Data Entry

lpar	List saved parameter sets
plist	List current parameter set
ped	Edit current parameter set
eask	Set parameter menu flags
psave [fn]	Save parameter set as file [fn]
puse [fn]	Load file [fn] as parameter set

coadds	Set # coadds
lnrs	Set # reads
pics	Set # pictures
nextpic	Set picture index
settime	Set integration time
filename	Set IRAF filename

IRIM Words

filter [n]	Move filter to [n]
help filters	List filters in IRIM

Observing Words

ask	Run through 'eask' parameters
observe	Begin integration, ask
go	Begin integration, no ask
movie	Begin movie, no ask
end	End movie
abort	Abort integration

do_standard	5 pos grid
do_field	M × N grid
do_dither	M × N grid, dithered
do_pair	Two spatially offset images
do_9raster	3 × 3 grid, offset sky

zs [z1][z2]	Set display limits
zs 0 0	Enable display autoscaling

Telescope Motion (WILDFIRE)

north [f]	Move north [f] arcsec (also south, east, west)
toffset [e][n]	Move [e] in RA, [n] in dec

Troubleshooting or Shutdown

deactivate	Deactivate array
exit	exit from WILDFIRE
restart irim	reload IRIM microcode (hung system, change bias...)

hung	Recover from hung process
ps ax	Process list (Console)
kill -9 [n]	Kill process [n]

help	Open help diagnostic
trouble	Open troubleshooting menu

Bugs and Features

1. After exiting a routine with *abort*, keep in mind that a script involving telescope motion will **NOT** return the telescope to its initial position.
2. After terminating a routine with *abort*, it may be necessary to execute the commands *save* and *display* (enter 'only' for both) to re-establish saving and displaying of new data.
3. If the link to the TCS computer is lost (resulting in the message "cannot read telescope status"), the WILDFIRE 'tcp' flag will be turned off and will stay off, even after the link is re-established. One must explicitly turn the flag on with *tcp_on*.

Helpful Hints

1. To change the size/font of a window, holding down the 'control' key and the right mouse button simultaneously with the cursor in a window will bring up a menu of fonts.
2. With the cursor in a window, holding down the 'control' key and left mouse button simultaneously will bring up a menu allowing one to change a number of window parameters.