SOAR Optical Imager (SOI)

Cookbook SOI Luciano Fraga





April 2013

Estabelecendo a conexão com os computadores do SOI

1) Endereço do computador de acquisição de dados do SOI (GUI)

vncviewer -Shared soaric1.ctio.noao.edu:9 ou vncviewer -Shared 139.229.15.131:9

Contato para as senhas: lfraga@lna.br

2) Endereço do computador de análise dos dados do SOI (IRAF)

vncviewer -Shared soaric1.ctio.noao.edu:8 ou vncviewer -Shared 139.229.15.131:8

Contato para as senhas: lfraga@lna.br



Abrindo o VNC na SOARIC1:9 (GUI)

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SOIGUI_GuiLogic.vi File Edit View Project Operate Tools Window Help			2 D 2
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Mount RA Universal Time Rotator 13:54:17.806 04:19:07.4 159.9996 Mount Dec Date Rotator PA -30:00:04.507 2013-04-26 0.0000 Hour Angle Air Mass Focus -00:00:44.9 1.00 0.00 Sideral Time Seeing Monitor ADC 13:53:32.9 -1.0000 0.000	10.00 0.00 Exposure Time 0 Readout 0 Write/Proc 100 Controller State Image State IDLE CLOSED	Roi Enable Binning 2X2 Display image Grid Mode NORMAL
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Para trocar de filtro

- 1) Selecione um dos filtros clicando dentro da caixa abaixo do "Filter List".
- 2) Clique em "Move".

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Selecione a "Tab" de acordo com o tipo de exposição. Esta informação vai para o "Header" da imagem através da "Keyword" OBSTYPE.

Zero Object Dark Dflat Sflat Misc Focus	149.94 GB Free disk
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Obs Editor Filter Editor Geometry Grid Tool Script Tool	Change Par Offset Engineering

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Para controlar a intensidade da lâmpada de Dome Flats, selecione "On (Dimmer)", indique a porcentagem em "Dimmer (%)" e clique em "Set".

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Zero Object	Dark Dflat Sflat Misc Focus	149.94 GB Free disk
Observation	Title: White Spot	Start Filters List
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	1 10.00 Obs Editor Filter Editor Geometry Grid Tool Script Tool Change	Par Offset Engineering

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Editando as informações do observador

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Editor de filtros

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Configurando a geometria do CCD

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 Modificando o binning 1) Selecione o binning 2) Clique em "Apply" para executar a mudança 3) Verifique se o valor foi alterado. 				
Electronics Fill Neck V Heater Detector Vacuum 22:23 -157.50 -4.96 -117.60 1.8E-7 50- 0- 0- 0- 1.0E-5- 25- -100- -5- -100- 5.0E-6- 0- -200- 1.0E-7- 5.0E-6- 1.0E-7- Mount RA Universal Time Rotator 13:54:17.806 04:19:07.4 159.9996 Mount Dec Date Rotator PA -30:00:04.507 2013-04-26 0.0000 Hour Angle Air Mass Focus -00:00:44.9 1.00 0.00 Sideral Time 0.000 ADC	# Exp Done 1 0 Dark Time 10.00 0.00 Exposure Time 0 Readout 0 Write/Prec Controller State Image 10LE	Time Do 10.00 Bi 100 State	DI Center X Y 500 2000 Box size X Y 200 200 Roi Enable nning 2X2 Display image Grid Mode NORMAL	
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Grid Tool (Dithering)

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Script Tool

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Fazendo Offsets

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Abrindo o VNC na SOARIC1:8 (IRAF)

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NORO/IRAFNET PC-IRAF Revision 2.14.1 Mon Seg This is the RELEASED version of IRAF V2.14 f Helcome to IRAF. To list the available comma detailed information about a command. type in command or load a package. Up to the tunne package, or logout' to get out of the Lunne what is new in the version of the system you a Visit http://iraf.net if you have questions or The following commands or packages are current ared, esoufi, gnisc, nfext color, fitsutil, images, moao, datio, ftozel, language, obsold dms, fuzzy, lists, pocdpa ecl)	P 8 10:12:05 HST 2008 supporting PC systems. hds, tupe ? or ??. To get elp commanD'. To rum a . Type bye' to exit a Type news' to find out are using. r to report problems. tly defined: d. plot. system. ern. proto. tables. softools. ucstools. etc. specime. xdinsum, ack. stsdas. xray.		
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Abrindo o VNC na SOARIC1:8 (IRAF)



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