VATT Warm Start-Up Check List

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Dome (light on post to left)

Fill CCD Dewar (A) (& note in log)

Place N₂ Dewar left of cable bundle Connect ground wire to bolt on telescope Hose between cable bundle & camera Wand goes down center of camera Jiggle past pole, all the way in, seat firmly

Fill N₂ slowly until liquid spurts out

Move elevation stow pins to out (B)

On left support

Plug in (a), flip switch (b)

Push "unlock" to 100 (2 sec) (c)

Push up on telescope to help unlock

Flip switch off, unplug

Open Finder Cover (C)
Lift and turn CCW until it seats

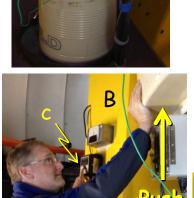
Plug in Finder Camera (D)
On right support

Turn on Guide Camera Power Switch (E) Left of camera, upside down

Open air vents

Around outside of dome

Vent switch up ⇒ open













Plug in Dome (south wall) (G)
Check that short is out, plug connected to short

Check De-rotator index position (X's aligned) (H)

Check for obstructions

Check Azimuth alignment (I)

On base, view from lower level

Lock West Door

The squirrels keep trying to get in

(They may be LBT spies!)













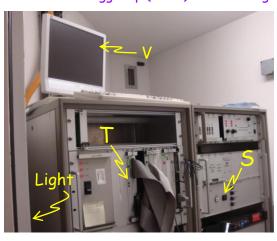
Basement (light inside, around to right ... illuminated)
Start dome fans (J)
Check compressed air dewpoint (< -30C) (K)
Turn on oil (white panel beside door)
Step 1 (L)
chillers should come on
check flow gauge above chillers > 10 GPM (M)
Step 2 (N)
gauges on panel left of chillers
pressure ~ 1180 (P), flow ~ 4 GPM (Q),





2nd Floor Silo (straight from control room, light outside on left)
Neslab Circulator (R)

Hold toggle up (start) while moving valve on side to vertical over ~2 sec









2nd Floor TCS Room (right past elevator, light inside on left)

Turn on Guider (S)
Reboot VATTEL (T)

turn monitor on, light out, watch for "Guider OK" (V) Switch on all four drive servo amplifiers (W)

Close corridor door when leaving

VATT Warm Start-Up AOD 2012

Control Room

Telescope control station

Bring up TCS Glue (A)

In VATT Paddle & Mount Control

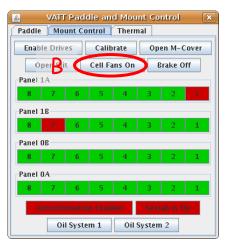
Mount Control Tab (B)

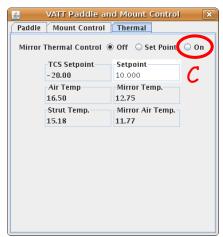
Cell Fans on

Thermal Tab

Mirror Thermal Control on (C)

(takes a few minutes to become available)









(right of patio door ... to 8)

Turn on TV's

dome cam monitor

sky monitor

guider monitor

finder monitor

Turn on Dome Intercom

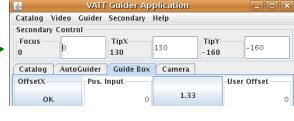
Bring up Guider Application

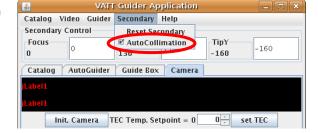
Enter Focus, TipX, TipY

using previous night's trouble report

Under "Secondary"

Click "Auto Collimation"





In VATT Paddle & Mount Control

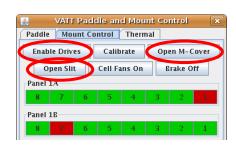
Mount Control Tab (B above)

Open slit

Open mirror cover

Enable drives

... Everything goes green





VATT Warm Start-Up AOD 2012

Paddle | Mount Control | Thermal

Enable Drives Calibrate

In TCS Glue (A)

Turn on Dome tracking (Bottom left of TCS display)

TURN ON DOME LIGHTS (left of patio door)

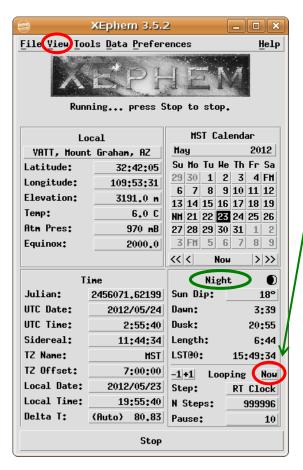
In VATT Paddle & Mount Control

Click "Calibrate" [for mount]

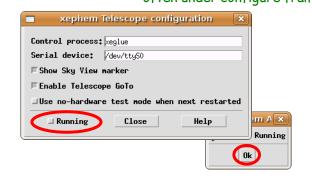
WATCH telescope move

& make sure dome also moves with it.

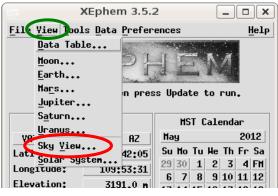


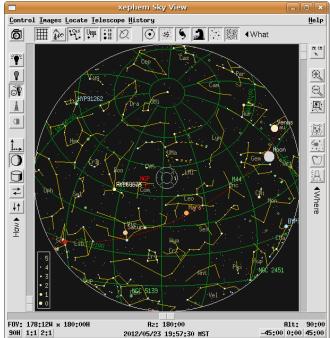


In Sky View Under "Telescope" Open "Configure" Click "Running" (if on, click off, close, reopen) Click "OK" often under configure frame



Bring up Xephem click "now" in Night under "View" bring up Sky View





Bring up Web Browser Start trouble report

Begin Observing Program. Clear Skies!