

T52 Bistatic & OCC

Stations: 14, 63, 25, 55

Originally had 26 but gave to Kepler

NOPEs: Lu, Jack, Sandy
Mitch supporting

ACE:

Ops room: Elias, Don, Danny, John, Essam

Difficulty getting stations on net!
Stations were on CAS COORD for some reason.
w 2212 Finally got stations on CAS OPS

63 weather: partially cloudy, ϕ wind

14 Partly cloudy skies
winds 6-30 mph

2223 Told stations I believe you all confirmed you
have attachment Cerami Bistatic Experiment 2009, &
I'll be referring to steps in that attachment. For now, configure
per BM & attachment & while antenna at stow, follow steps on page 19
& let us know when they are ready.

2224 NOPE checking 25 that they completed monopulse
gain 3.01. Is that going to cause problems?
re-sees

2226 Discard TUM prox on both channels
NOPE bid 14 & 25 to
Station No

2235 63 reported completing steps.

2237 NOPE asking 63 to disable TLM probe on both channels

2244 25 reported they are ready

2321 14 asking to cycle some s-band switches
⇒ on

234950 Told 55 to go to point

235878 on-point. DSS-55

0004 14 status.. trying to tune SP Museen
(to try to fix SLEP problem)

000523 Asked for switch problem status. Maintenance working on it.
Microwave switch not working

0023 Asked 14 if we can do SLEP calibrations while maintenance working on SLEP, or if whatever they are doing will impact RCP?
⇒ yes. Can't do.

14 & 25

- Gusty winds 35 mph
so far don't have to stop antenna
expect it'll

55 didn't figure

sk 2
ffn 15
ffn
Bst ffn

have to tune SP magen
page 21 step 3

0028 IA reporting can't tune SP Maser.
Go ahead with SRCP?
⇒ yes don't have much time left.

005230 Asked IA if someone is still working on SLCP or if we should give up on it.
⇒ SP Maser beyond us. Give up on SLCP

005430 NOPE asked for DR.

0055 Told IA to go to point
NO SLCP calibration

005730 Asked 63 to go to point

010140 Nope asking IA to configure revrs
one for XRCF & one SRCP
(forget to ask them to do that).

0103 Asked 63 to configure revrs one SRCP &
other XRCF

010330 ⇒ DL3 XRCF DL8 SRCP
they are on point at this time

010420 NOPE asking 63 to disable TLM prod

0106 IA: REV2 XRCF REV3 SRCP
Reporting they are on-point

0115 SNT Measurement

0118 Asked stations to reconfigure

2

0120 SS done reconfiguring after SWT meas.
0122 14 done reconfiguring

0137 SS switch 43 in A position.

0142 signals.

014452 SS monopulse enabled
SS keep offsets

0150 25 clear offsets
(took them a while to acquire &
enable monopulse).

015219 Switch 43 in B position

0159 ffrna 150

0146 Pc/No values

0212 fftna² 450

G109342 DE Er 14 Muser

0235⁵⁵ Switch 43 in A position

0235 fftna 2 15

~ 1dB jump at 25

023750 monopulse enabled

0238 Pc/No

0239 25 wind 16.7km/hr coming from NE

→ Pc/No

0248 2S & SS disable monopulse.
keep offsets

024445 SS switch 43 in B position

030000 Pc/No

0303 Told stations about SNT at
0311

0305 SS configured for SNT meas.
030530 2S

0306 14 & 63 ready for SNT measurement

0308 ^{call from Alonzo & Jesus} Confirm problem w/ KLCP
Polarizer not working right.

0311 SNT enabled

0313 SNT meas. done
031330 confirmed by aep

For egrew bistatic, switched to Goldstone display

0314 2S & 14 completed reconfiguring
031430 SS reconfigured

~~0340~~ served!

0341

0353 told stations want to do SNT meas. at 0403. Configure
per page 31

0354 all stations done configuring for
SNT meas

040130 SS switch 43 in A position

0403 SNT
040435 completed

0410 Pc/No

0413 Monopulse enabled
No amp in power!

0431 Asked 14 & 63 to get ready for
Calibrations

Playback

- Oce 0233 - 0312
- Bi In 0112 - 0240
- Bi Out 0308 - 0430