

SL-II MC-81/1

Time: 11:44 a.m. CDT, 1:03:44 GET
5/26/73

PAO Skylab Control Houston, at 16 hours 45 minutes Greenwich mean time approaching acquisition now with Hawaii. As we last saw the Skylab vehicle over Honey-suckle the multiple docking adapter hatch was just being opened and the pilot Paul Weitz was proceeding inside as the activation of the orbital workshop was at it's very beginning. Standing by now for acquisition.

CC Skylab, Houston to Hawaii for 9-1/2 minutes.

SC Okay Houston, we're in the MDA and we're pretty busy. I'm working on (garble) and we're jumping around a little bit to try and clean up the command module because we got so much stuff in it. So we're moving the probe and drogue at this place. Be advised that nobody has had any trouble so far in the MDA. And be advised to tell the doctors that we did not in fact try our motion sickness pills this morning because none of us felt like we needed them.

CC Roger, copy.

SC Also we've got a window shade dump. And the command module is really beginning to pick up water on the inside of it I noticed. Our side hatch has got quite a bit of moisture on it and so do our windows. Just generally picking up moisture all over. But now that we've got this MDA dry air I think maybe that will help a little bit.

CC Roger, copy.

CC Skylab, Houston. The pitch maneuver's in work, should be about 11 degrees.

SC Okay, we're going to (garble) this up up here so you guys can maneuver away to your hearts content.

SC So far we've collected one screw, one nut, and one piece of red thread floating around in the MDA otherwise it's clean as a whistle. It's very nice.

CC Roger, copy.

PAO That's commander Pete Conrad reporting on the status of the multiple docking adapter inside.

PAO Skylab Control Houston, the Skylab crew now inside the multiple docking adapter as the activation process has started.

CC Skylab, Houston, whenever it's convenient we'd like to get a reading on the CL sample.

SC Okay, Houston, it was about 5 parts per million.

CC Roger, copy.

PAO Very little conversation with the crew at this time. Apparently preoccupied and busy as - as they start through their checklist.

CC Skylab, Houston, we're about 15 seconds from LOS. We'll be picking you up at Goldstone at 57.

SL-II MC-81/2

Time: 11:44 a.m. CDT, 1:03:44 GET
5.26.73

SC Okay Houston, the MDA Doc is in
the command module and the suit circuit is deactivated.

CC Copy.

PAO Skylab Control Houston, we've had loss
of signal with Hawaii. We should be picking up Goldstone
in approximately 2 minutes.

SL-II MC-82/1

Time: 11:55 a.m. CDT, 1:03:55 GET
5/26/73

CC Skylab, Houston. Stateside for 5 minutes.

PAO Skylab Control, Houston, standing by
now for acquisition there with Goldstone. The five parts
per million CO referred to in that test is well within acceptable
limits.

SC Roger, Houston, and we may be off the
air here. We're going through umbilical connect crap and so
forth.

CC Roger.

PAO Skylab Control, Houston, at 17 hours
2 minutes Greenwich mean time. A very little conversation
with the crew as they're continuing through the checklist as
the activation inside the multiple docking adapter continues.

END OF TAPE

SL-II MC-83/1

Time: 12:06 p.m. CDT, 1:04:06 GET
5/26/73

PAO Skylab Control, Houston. We've just had loss of signal. Our next station to acquire will be Newfoundland.

PAO As the activation of multiple docking adapter proceeds, Commander Pete Conrad presumably is spending much of his time inside the command and service module, squaring things away at that point, while Kerwin and Weitz, we would expect, are mainly preoccupied with the MTA activities. We're at 17 hours 7 minutes ground - Greenwich mean time. This is Skylab Control, Houston.

CC Skylab, Houston through Bermuda for 7- $\frac{1}{2}$ minutes.

SC Okay, Houston. We're hooking up umbilical for SPS PT configuration check's been made; those guys are pressing on.

CC Roger, Copy.

PAO That was Commander Pete Conrad responding from the command module, stating that Kerwin and Weitz are pressing on.

PAO Henry Hartsfield, our CAP COM, here in Mission Control.

PAO Skylab Control, Houston, at 17 hours 13 minutes Greenwich mean time. About 2 minutes 45 seconds remaining on this pass over Bermuda. The activation of multiple docking adapter continuing with Kerwin and Weitz working inside. and meanwhile, Commander Pete Conrad remaining in the command and service module. We'll stand by and continue to monitor the conversation that takes place during this pass.

CC Skylab, Houston, we're about 1 minute to LOS. Be seeing you at Canaries at 17.

SC Roger, Houston.

CC Okay, no need to acknowledge. And for your info, we're playing back the data, now on the main A undervolt. We don't think it's a big problem at this point, but we are working on a plan. We'll have them for you later this morning and we may want to change some switches and bus setups in the command module.

SC Yeah, that's what we finally concluded - that it wasn't just sure we got too many heaters or some - -

PAO Skylab Control, Houston. We've had loss of signal with Bermuda. The next station to acquire is Canary in less than one minute. We'll stand by and continue to monitor. Meanwhile, the crew aboard Skylab continuing to press on through the activation, Weitz and Kerwin, presently in the multiple docking adapter; Pete Conrad communicating with the ground through the command and service module. It appears at this point, the Skylab Crew very much on their time line for the activation.

END OF TAPE

SL-II MC84/1

Time: 12:17 p.m. CDT, 1:04:17 GET

5/26/73

PAO It appears at this point the Skylab crew very much on their time line for activation.

CC Skylab Houston through Canaries for about 15 minutes.

SC Okay, Houston.

PAO Skylab Control, Houston, at 17 hours 23 minutes Greenwich mean time. Almost no conversation with the crew during this pass. The crew most preoccupied at this point as they go through their checklist for activation.

PAO Skylab Control, Houston. The EGIL flight controller reports, looking at his data that the caution warning system is working in good shape aboard the MDA. Very little conversation over the flight director's loop at this point, controllers monitoring their consoles, watching data as it appears.

SC Hello.

CC Hello.

CC Skylab, Houston, you called?

PAO We heard the callup from Pete Conrad to conjecture here. He was -

CC Did you call?

PAO The conjecture here that he was trying to reach Weitz and Kerwin via the comm loop in the workshop.

SC Say Houston, Paul wanted me to tell you he's got a primary coolant temp low. Is that to be expected?

CC Standby 1. Roger that's expected. Temps are running real low down there in the MDA.

SC Okay the other thing is I've gone all the way through the complete hookup and includes panel 230 CSMS with (garble). It actually got in a barber pole and none of our SIA's need to talk to one another down there.

CC Roger, we copy. During one of those checkouts we heard someone say hello, hello there on the transmitter, I guess.

SC That was me, Jim, sitting on VOX 98. That doesn't count.

CC Okay.

CC Houston.

SC Go ahead.

CC Those SIAs aren't going to work until you get down to the page 233 there for the PLT where he puts the 8 audiocircuits in; closes those.

SC Okay.

PAO The SIA is the intercom system aboard the workshop.

SC We figured it was some place here.

SL-II MC84/2

Time: 12:17 p.m. CDT, 1:04:17 GET
5/26/73

SC Hey, Brad, SPT is about to start ATM
panel Y activation.

CC Roger, and I assume that all the items
previous to that have been accomplished.

SC That's affirmative.

PAO That report from Skylab that the Science
Pilot, Joe Kerwin getting ready to start the Apollo telescope
mount activation, moving well along now into the time line.
We presently show a Greenwich mean time of 17 hours 32 min-
utes. And 1 minute 45 seconds until loss of signal with
Ascension.

CC Skylab Houston we're about a minute and
a half from LOS. Next contact is Carnarvon at 01 and at
Carnarvon we plan to uplink a test message to the teleprinter
and when you get that you can take a look at it and tell us if
it looks all right and then we'll be all set to send the pads
and the rest of the uplinks.

SC Okay.

SL-II MC-85/1

Time: 12:33 p.m. CDT, 1:04:33 GET
5/26/73

SC How do you read from the MDA, Houston?

CC Okay, we're reading you, Paul. There's
a little squeal in the background. Looks like you're getting
some feedback from SIAs there.

SC Yeah. That was one of them. Okay.

CC Hey, you sounded real good then.

SC Roger. We're getting there.

SC PLT's on page 2-35.

CC Roger, copy.

SC The CDR's finishing up primary GLY ADAPT
DRYOUT, and I'll (garble) where the glycol circ reads (garble).

CC Roger. Copy.

PAO We just heard from Pilot Paul Weitz,
speaking through the intercom aboard the workshop.

SC Houston, Skylab.

CC Go ahead.

SC Never mind, we'll catch you later.

CC Okay. Well, I've got a few seconds to
LOS.

PAO Skylab Control, Houston, at 17 hours
34 minutes Greenwich mean time. We've just had loss of
signal on this Ascension pass. The next station to acquire
will be Carnarvon, and at that time, from the Mission Control
Center, we will do an initial checkout of the teleprinter
system aboard Skylab. This is Skylab Control, Houston.

END OF TAPE

SL-II MC86/1

Time: 12:59 p.m. CDT, 1:04:59 GET
5/26/73

PAO Skylab Control, Houston, at 1800 hours Greenwich mean time. We're standing by now for acquisition of signal over Carnarvon. We presently show the workshop in an orbit of 240.5 nautical miles by 234.2 nautical miles. During this Carnarvon pass we should have the initial check-out of the teleprinter aboard the workshop. We'll standby now and continue to monitor any conversations as they develop.

CC Skylab Houston through Carnarvon and Honeysuckle for about 10 minutes.

SC Roger, Houston. How do you read?

CC Roger, read you loud and clear.

SC GARBLE okay the CDR has completed the command module configuration through CMO2 systems config and I just completed the caution and warning checkout on the GARBLE except for 392. And we're waiting right now to go into the lock and the OWS; we're configuring for that.

CC Roger and we do have things we'd like for you to set up in the command module. Are you up there now?

SC Yeah, but what do you want set up in the command module?

CC Okay we've looked at this heater problem; we think you've already powered down enough things that you're probably not going to get that undervolt again. However, we would like to go ahead and reconfigure the heaters. We were going to do it tonight anyhow but we'll go ahead and do it and then we'll be doubly sure that we probably won't get another undervolt, if you want to do that now.

SC Okay, if you'll wait 2 seconds I'll take you down into the command module and you can tell me what to do.

CC And Skylab for information we're going to command the fill valves closed according to flight plan.

SC Okay and I'm down in the command module now. Could you tell me what you want done?

CC Okay, panel 226; circuit breaker 02 fifty-watt heaters Main A, tow; MAIN A OPEN.

SC Was that two breakers?

CC That is tank 2, MAIN A.

SC Are you with us Houston?

CC Okay, we're in a hole right now between Carnarvon and Honeysuckle. How do you read?

SC You're right it was 251 OPEN, right,
MAIN A?

CC Positive, tank 2 MAIN A OPEN. On 50 watt.

SC That's done.

SL-II MC86/2

Time: 12:59 p.m. CDT, 1:04:59 GET
5/26/73

CC Okay on panel 2.
SC Yeah.
CC Okay our H2 heaters, one, OFF. O2 heaters,
one, OFF. And H2 fans, one, OFF and H2 fans, two, OFF.
CC Skylab how do you read me?
SC (static) are you going to (GARBLE) us
1? Hello, hello.
CC Skylab Houston we're in a key hole now.
If you'll hang on a second or two.
SC GARBLE.
CC Okay, I think we're pretty good now, how
about you?
CC Okay. On panel 2 that was H2 heaters, one;
O2 heaters, one, OFF. That was two switches.
SC Okay, H2 heater, one, and O2 heater, one,
are OFF.
CC Okay and H2 fans 1 and 2, OFF.
CC CDR did you copy that last on the H2 fans?
SC Where'd you disappear to that time?
CC I don't know. Did you get the H2 fans
OFF?
SC I got the H2 fans OFF, yeah.
CC Okay. That's it.
SC Houston, SPT.
CC Go ahead.
SC Okay on the panel activation I suppose
you know, but I want to be reassured that we have a power
system alert light, a bat charger alert light, the battery
and charger lights on CBRN 15 are ON and the - our charger -
the bat charge bat volts and reg volts talkbacks are all
barberpoled. Does that jive with the power problems that
you've got?
CC That's affirmative. That all jives, Joe.
We've lost that CBRM.
SC Okay and I did not connect the CBRM an-
tenna because my assumption is we aren't going to use the -
I don't mean CBRN or FNRBM, the noise burst monitor. Now
I'm ready to do the DAS test if you are.
CC Okay standby the DAS test. We agree
with the other things you said.
SC Glad you can understand them.
CC SPT, Houston.
CC SPT, Houston.
SC (Static) (Garble).
CC SPT, Houston. I'm reading you broken.
We would like for you to go ahead and configure for the
GARBLE. We are not going to use it. We'll correct that but
we would like to get it connected up.

SL-II MC86/3

Time: 12:59 p.m. CDT, 1:04:59 GET
5/26/73

SC Oh. Houston are you there?
CC Roger. How do you read?
SC Okay. Do you want the EP spec on or off
on the panel 16?
CC Roger. We want it on - ON.
CC SPT, Houston.
SC Houston.
CC Joe we'd like to make one last attempt
on that CBRN number 15. We'd like you to hit the ALL/ON switch.
SC You bet. Okay we did it Hank and the
lights are out at the moment.
CC Hey, looks like me may have it back.
SC Whoopee.
CC We'll know when we get some sunlight.
SC That'll be soon, right?
CC We've got about 3 minutes to go. And
we're about 10 seconds from LOS. We'll be seeing you at
Hawaii at 23 and we plan to dump the data recorder there.
SC Okay.
CC And your teleprinter message should be
up there now.
SC We'll take a look.
PAO Skylab Control Houston at 18 hours
12 minutes Greenwich mean time. The next station we'll acquire
will be Hawaii in approximately 11-1/2 minutes. The later
portion of that pass over Honeysuckle that was Joe Kerwin the
Science Pilot who was speaking with Hank Hartsfield while he
was at the Apollo telescope mount control and display panel,
going through the activation process there. Eighteen hours,
13 minutes Greenwich mean time this is Skylab Control Houston.

END OF TAPE

SL-II MC-87/1

Time: 1:22 p.m. CDT, 1:05:22 GET
5/26/73

CC Houston through Hawaii for 9 minutes.
SC Roger, Houston. Paul's down turning
on the fans in the OWS at this time. Joe is monitoring him
(garble) further word for you on that in just a minute. I
can see Paul is on his way back up now.
CC Roger; copy.
PAO Hank Hartsfield talking to Skylab
through Hawaii.
SC Your teleprinter message came through.
It's kind of faded at the end. I hope they come through better
than that.
CC Do you mean that all the message
wasn't there, or it just printed rather weakly at the end?
SC It printed rather weakly at the
end.
SC Okay, Paul is out. He's closing the
(garble) lock hatch at this time.
CC Copy.
PAO Skylab Control, Houston. That's Paul
Weitz who's taken off the airlock module aft hatch. Entered
the orbital workshop and appears to have activated the fans.
CC Skylab, Houston. For information we're
going to have to do another CMG reset here. Be coming up
in a couple of minutes.
SC Okay, Houston. What's the problem?
We've had two ACS malfs here in the last couple of minutes.
CC Well, the CMGs are saturated now (garble).
SC Okay, all right. Are you ready for
the DAS test yet?
CC Roger.
SC Okay, here comes a (garble).
CC Skylab, Houston. We just want him to
TACS on the control mode.
SC Did you do that?
CC Negative, I think it went out
20 degrees in attitude to cause it, and we'd like for you
to stay off the DAS while we command the system.
SC Roger.
CC Skylab, Houston. We're about 1 minute
from LOS. Goldstone coming up at 35.
SC Roger. Do you still want us to stay
off the DAS?
CC Okay, you can clear the caution on
your ACS malf, and we'll be standing by for Goldstone for
the DAS checks.
SC Okay.
PAO Skylab Control, Houston. We're about
a minute and a half away now from acquisition by Goldstone.

END OF TAPE

SL-II MC-88/1

Time: 1:34 p.m. CDT, 01:05:34 GET
5/26/73

CC Skylab, Houston through Goldstone for 6 minutes.
SC Hello.
SC Hello, Houston, we hear you.
CC Okay. Read you loud and clear.
SC Hey, Houston; PLT.
CC PLT, go ahead.
SC Okay, on our very quick inspection, the
OWS appears to be in good shape. It feels a little bit warm,
as you might expect. From the 3 or to 5 minutes I spent in
there, I would say, subjectively, it's about - it's a dry
heat, I guess. It feels like 90 to a 100 degrees in the
desert. Hank, I could feel heat radiating from all around
me, but in the short time I was in there, I never felt un-
comfortable. I had the soft shoes and the gloves on, and
nothing I touched even felt hot to me.
CC Roger; copy.
PAO It's Paul Weitz giving his first - -
CC SPT, are you ready for those DAS tests?
SC That's affirmative.
SC Okay, I'm going to give you 10,000.
Please acknowledge.
CC SPT, you got a GO on the first one.
SC Okay, here comes 20,000.
CC And, Paul, did you notice the duct flows
when you turned the fans on downstairs?
SC If you want numbers, I didn't notice
numbers. They came up to what I expected to be normal.
CC Okay; copy. And you have a GO on the
second one, Joe.
SC Okay, and did I get this fuse thing going?
Turned on eight fans down there.
SC You did want only eight fans turned on
for this, right?
CC And, SPT, you got a GO on the third one.
We wanted all twelve fans, but that's okay.
SC All right.
PAO We heard Paul Weitz's first assessment of
the workshop.
CC SPT, you got a GO on number 1.
CC SPT, GO on number 2.
PAO Meanwhile, Science Pilot, Joe Kerwin, making
an initial checkout of the ATM digital computer.
CC A GO on number 3.
CC And you have a GO on number 4. All look good.
SC Okay, thank you. And, Hank, it looks as
if CPRs 15 came off the line again. Is that right?
CC Roger; we concur. I think we still got
troubles with it.
SC Okay.