Julian

TWERLE STAFF MEETING

4 February 1974

Ernie Lichfield and Bob Rader will be in Christchurch for the next three-four weeks. During Ernie's absence, Neil Carlson will be in charge of the electronics end of the TWERLE program.

Five NCAR ID codes are needed from the list for the Christchurch test flights.

Launch Assembly Building Problems:

Samoa: Vinnel Corporation in Los Angeles quoted a price of $60,000 to erect a building, so Marcel and Landis have been looking for an existing building on Samoa to modify. They think they have found one. In the meantime, the LAS for Samoa is on its way back to Stran-Steel. A decision will be made within the next few days on whether or not to send that building to Ghana.

Ghana: The LAS was damaged en route to New Orleans from Stran-Steel. Bill Lanterman is now in Houston and then he will go to New Orleans to assess the damage. Once we have heard from him we will be able to decide what action should be taken.

Christchurch: More bids for the LAS are due in on February 15.

Ascension: Leadtime on getting building materials into Ascension is six weeks. Jack Warren reported that the materials have been ordered.

A decision will be made this week on whether or not to use Ghana as a launch site. Two factors to consider are the launch of the satellite (which is now scheduled to be launched in late July), and the status of the LAS.

Sig has been following up on the shipments of test flight equipment to Christchurch. As of this morning, the first shipment for Christchurch was in Los Angeles and scheduled to be shipped today.

All launch crew members should schedule a physical with their doctors around a month before departing for their sites. Another physical should be scheduled upon return from the launch site. As it stands now, crews will be at their sites in mid-August.

Work Forecast for Next Month:

Charlie Smith: Test Data Encoders

Bob Rader: Getting ready for trip to Christchurch and test flights in Christchurch.

Jack Warren: Preparing Flight Operations Handbook. The TWERLE Cutdown handbook is almost ready. He and Charlie

Smith may go to Ascension near the end of this month.

Steve Kovacs: Has about 300 cutdowns in various stages - 40 will need repairs.

Mike Gray: Making about 30 antennas per week. Will continue working on TWERLE antennas for the next 2-3 weeks to build up a reserve before starting on the Carrier Balloon project. A test site is needed for the antennas and a possible location might be the CU field house.

Claude Morel: Working on forms for the sites and checking calibrations. Seventy-four calibrations have been checked on the pressure sensor (graphs need to be made). There are 150 completed calibrations on the temperature sensor.

Sig Stenlund: Lots 13 & 19 of the balloons have been packaged and their test balloons shipped to Christchurch. Now they must be tested and packaged. All balloons for the test flights at Christchurch have been shipped.

Mobile Launcher - The last chassis has been built at GM and is en route to Boulder. One table is on its way to Christchurch and 11 others are now awaiting fabrication in the machine shop. The machine shop feels they will be able to meet our schedule.

Leo Crouch: Has two tri-walls packed for Christchurch. Will pack one with the T.I. gage and another for Carrier Balloon and send them to Christchurch.

Neil Carlson: Will review parts status again - Will get skins made for cutdown package - The Voltage Regulator should have a reward notice on it (so should the data encoder). - Will expedite foam packages for cutdowns.

Gene Ellis: Has approximately 105 flights of solar arrays tested and packaged. The production report for the week ending 1 February will be ready this afternoon.

Two glue guns will be ordered for each site. Sig has been trying a Weller gun, but it doesn't work on foam.

Ernie is now glueing the flight train together.

Dewars: No Viz dewars have arrived yet. Wisconsin wants all dewars under 200°C/watt rejected.

Resistors are on order for the changes to be made on the transmitter.