



5/24/66

BENDIX SYSTEMS DIVISION ANN ARBOR, MICH.

Subsystem Electrical Interconnection
List

NO.

ATM-284

REV. NO.

PAGE 1 OF 4 PAGES

This ATM is a partial completion of Task 971-1-02-02-2, Systems Integration.

The attached table gives a current listing of the electrical interconnections between the experiments and ALSEP supporting subsystems.

Table 1 summarizes the electrical power lines and Table 2, the data, command, timing and control lines.

Prepared by:

L. R. Lewis
L. R. Lewis

Approved by:

L. M. McCartin
L. M. McCartin
Group Engineer
System Engineering

ep

Ext. 366



5/24/66

Subsystem Electrical Interconnection
List

ATM-284

PAGE 2 OF 4 PA

Table 1 - Electrical Power Intercabling Summary

From	To	Deployment Distance or Cable Length (ft)	Electrical	
			No.	Equiv. AWG Wire Size
<u>Experiments</u>				
1. Passive Seismic	Power Distribution Unit (PDU)	< 2	5	26
2. Solar Wind	PDU	10	2	26
3. Magnetometer	PDU	50	3	24
4. Suprathermal Ion Detector	PDU	60	3	24
5. Heat Flow	PDU	< 2	3	26
6. Active Seismic	PDU	< 2	3	26
7. Charged Particle Lunar Environment	PDU	10	3	26
RTG	PCU		4 12	16 28
PCU	PDU	< 0.5		
Switches	DPU	< 1.0	8	28



5/24/66

Distribution:

- | | |
|---------------|----------------|
| J. F. Clayton | R. Schmidt |
| D. Bitondo | J. Golden |
| S. Ellison | H. Reinhold |
| P. Tormohlen | R. Fatka |
| R. Stegler | W. Fahling |
| A. Schorken | J. Hendrickson |
| C. Murtaugh | F. Conklin |
| M. Donnelly | J. Tupman |
| E. Coveleskie | J. Lewko |
| R. Daugherty | R. Miley |
| H. Beatty | V. Jansen |
| F. Harrison | W. Tosh |
| B. Rusky | H. Lanning |
| E. Knott | J. Montvedas |
| C. Ahlstrom | |
| J. Whiteford | |
| L. McCartin | |
| G. Burton | |
| K. More | |
| V. Hutton | |
| R. Shay | |
| R. Jones | |
| R. Klein | |
| W. Helmreich | |
| L. Lewis | |
| A. Bartlett | |
| H. Collicott | |
| D. Courtois | |
| E. Parker | |
| G. Oser | |
| H. Miller | |
| R. Magee | |
| W. Johnson | |