

ATTACHMENT 13

REFERENCE DOCUMENTS LIST

1.0 INTRODUCTION

The purpose of this attachment is to provide a list of reference documents that are supplied as part of the documentation package or will be provided as available for use in the Phase I System Definition studies. The documents are listed according to subject area. Documents designated with asterisks are provided to both the prime system contractors and the Processing Facility contractors. All other documents listed are provided to only the prime system contractors.

2.0 TRANSDUCERS



*"Final Report, Solid State Phototransistor Transducer System",

Part I, Partial Array June Hardware, BIF-4C-00242-70
Part II, Flight Hardware, BIF-4C-00243, BIF-4C-00244-70
Part III, Test Program, BIF-4C-00268-70



*"System Mechanization Studies Final Report", 3 August 1970,
BIF-027-0057-70

*"775 Chip Data Package"

Bye-108048-70
Page 192

~~ZAMAN/TOP SECRET~~

HANDLE VIA BYEMAN
CONTROL SYSTEM ONLY

- Vol. 1 - General Introductions Information, 3 Aug 1970,
BIF-027-0049-70
- Vol. 2 - Normalized DC Response, 3 Aug 1970,
BIF-027-0050-70
- Vol. 3 - Normalized Transfer Characteristics, 3 Aug 1970,
BIF-027-0051-70
- Vol. 4 - Normalized Incremental Slope, 3 Aug 1970,
BIF-027-0052-70
- Vol. 5 - NES Histograms, 3 Aug 1970, BIF-027-0053-70
- Vol. 6 - Background Tests, 3 Aug 1970, BIF-027-0054-70
- Vol. 7 - Temperature Tests, 3 Aug 1970, BIF-027-0055-70
- Vol. 8 - Spectral Response, 30 June 1970, BIF-027-0039-70
- Vol. 9 - Profile Data, 30 June 1970, BIF-027-0041-70
- Vol. 10 - NES Tables, 3 Aug 1970, BIF-027-0056-70

3.0 OPTICS



"Preliminary Phase I Optical Subsystem Specification
No. 2802-100", 20 July 1970, BIF-008-A-L-001135-KH.

"Optical Subsystem Interim Design and Analysis Report",
30 June 1970, BIF-008-A-L-000983-RH-70.

"Optical Subsystem Parametric Study Report", 13 July 1970,
BIF-008-A-L-000985-RH-70.

4.0 RF COMPONENTS

"Final Technical Report: 60GHz Traveling Wave Tube
Development Feasibility Program", BIF-299-040-70.
(September 1970 planned release)

Bye-108048-70
Page 193

~~ZAMAN/TOP SECRET~~

HANDLE VIA BYEMAN
CONTROL SYSTEM ONLY

~~ZANAN/TOP SECRET~~

"Final Technical Report: 60GHz Antenna Subsystem
Development Program", BIF-299-041-70 (October 1970)

5.0 RECORDERS

*Document(s) to be supplied by the Program Office.



Bye-108048-70
Page 194

~~ZANAN/TOP SECRET~~

HANDLE VIA COMMAN
CONTROL SYSTEM ONLY

~~ZAMAN/TOP SECRET~~



7.0 COMMUNICATIONS

"Tentative Performance Requirements for the Relay Satellite System", 14 July 1970, BYE-107853-70



"Link Calculation-June 1970", 28 July 1970, BIF-107-20122-70A.

"Intermodulation Product Analysis-June 1970, 28 July 1970,
BIF-107-20098-70A.

"Frequency Assignment Baseline-May 1970", 28 July 1970,
BIF-107-20069-70A.

"Preliminary Electromagnetic Interference Specification
for the Receiving Facility", 22 July 1970,
BIF-107-20149-70.

"Frequency Assignment Criteria", 28 July 1970,
BIF-107-20068-70A.

~~ZAMAN/TOP SECRET~~

Bye-108048-70
Pagendle via DYEMAN
CONTROL SYSTEM ONLY