

UNITED STATES GOVERNMENT

# Memorandum

TO : Director of Communications

FROM : Chief, Communications Engineering

SUBJECT: Monthly Narrative Summary Report - June

OCE M75-253

DATE: 03 JUL 1975

25X1A  
25X1A6b 1. [redacted] was successfully launched on 8 June at 1830Z. [redacted] heard the spacecraft at 1546Z on 9 June, and has tracked it on every pass since that time. Signal levels are excellent and the spacecraft has responded to all GCS commands transmitted thus far.

25X1A 2. During the first week in June, bid packages on RS-59 components were prepared. The RS-59 equipment is required to replenish stock levels depleted by increased stay-behind activity in the [redacted] area. Subsequent contracts totaling \$145,207 have been awarded.

3. At the close of the month, the first stage of the SV-8 field introduction program was begun. Two SV-8's will be forwarded to each Area Headquarters.

25X1A6a 4. A total of seven TE-40 [redacted] test equipment packages have been delivered to date. [redacted] 25X1A  
[redacted] has received one TE-40 as did [redacted] 25X1A6a  
[redacted] has received two. [redacted] 25X1A

25X1A  
25X1A9a 5. [redacted] installed an RS-537/RS-536 [redacted] system 25X1C  
25X1A6a [redacted] and trained technical and operational personnel at the station.

25X1A6a  
25X1A6a 6. Three SV-7's [redacted] were shipped to [redacted] 25X1A  
[redacted] on 10 June. [redacted] will be fabricated by the Office of Technical Service.

7. The deadline for the conversion from Type I to Type II financial accounting of the Covert Communications Facility account was extended to 30 September 1975.

25X1A6a 8. The R&R Section of the Technical Support Branch [redacted] has received 3,945, and transmitted 951 TECHREQ messages this past fiscal year. In addition, the R&R Coordinating Unit has processed over 1,800 requests which include 614 for Teletype and Crypto spares.



9. Updating of the Crystal Lab [REDACTED] continues with the delivery of a [REDACTED] Vacuum Base Plater.

25X1A6a  
25X1A

10. The transfer of teletype parts from the Teletype/Crypto Management Shop to select-o-shelves was started in June.

25X1A5a1 11. The [REDACTED] Corporation Model 92650 Optical Character Reader was successfully demonstrated for a two-week period and will be part of the initial AFT system configuration. In addition, four [REDACTED] Model 40 TEMPEST KDP's (keyboard-display-printers) have been procured for use as AFT peripheral devices.

25X1A5a1

25X1A5a1 12. The revised CDS Functional Design Specification was completed by [REDACTED] and submitted to OC for review. The first set of test messages has been provided to [REDACTED] and the Signal Center. Power and chilled water renovations are nearing completion in preparation for the 17 July equipment delivery to Headquarters.

25X1A5a1

25X1A6b 13. The installation of ARS-III at [REDACTED] has been scheduled to commence on 4 August vice mid-July in order to allow additional time for the installation of the UCPS at [REDACTED]. Pre-acceptance testing of the ARS-IV system is now planned to take place on 23 September. The installation of this system at [REDACTED] is scheduled to commence in the late October to early November time frame. Negotiations with [REDACTED] for the procurement of ARS-V were completed on 25 June with a resultant cost of \$449,996. The ARS-V installation is scheduled to commence in April 1976.

25X1A6b

25X1A5a1 14. A contract was awarded to [REDACTED] on 23 June to perform preliminary design and prototype engineering of a high resolution switched secure Imagery Transmission System (ITS).

25X1A5a1

25X1A6a 15. Approximately, \$235,000 have been committed for procurement of communications equipment for the [REDACTED]. Major items procured include a 300-line EPABX telephone switch, a microwave radio link and bulk encryption CO-1 units.

25X1A6a

16. DATEX pre-acceptance and off-line acceptance tests were completed and on-line operation with the special DDS&T site and the SOCOMM switch began on 30 June. Year-end funds were made available to purchase the remainder of the DATEX hardware.

~~CONFIDENTIAL~~

17. Schedules for the Headquarters tandem switch installation and cutover were extended to take place on 7 October, and 28 November through 1 December 1975, respectively. Late vendor deliveries, as reported by [redacted] Systems, and an amendment to the contract to add 12 [redacted] trunks to the switch contributed to the delay.

25X1A5a1  
25X1A6a

25X1C  
25X1A6a

18. The [redacted] shielded enclosure installation in [redacted] was completed on schedule.

25X1A6a

19. A combined Headquarters, [redacted] team has been in [redacted] during June preparing the CCC area for equipment installation.

25X1A

20. The parent room renovations [redacted] are moving on schedule. The shielded enclosure installation is being planned for August.

25X1A6a

25X1A6a  
25X1C

21. The progress on the completion date of the [redacted] has been slow and is now estimated by the [redacted] representative to be August.

25X1A6a

22. A meeting was held on 19 June with representatives of the elements concerned on proposals for the upgrade of the comcenter at [redacted]. An agreement was reached and the preliminary plans will be discussed in [redacted] in early August by OEL representatives and the [redacted] staff.

25X1A6a  
25X1A  
25X1A

23. The new UCPS was delivered to [redacted] and the contractor has begun installation.

25X1A6a  
25X1C

24. The SC-1A installation [redacted] was completed while the installation [redacted] neared completion. Acceptance testing of the [redacted] SC-2 terminal [redacted] commenced and is currently underway. Another SC-1A terminal, Serial #34, was tested and accepted for delivery.

25X1A6a  
25X1A

25X1A5a1

25. MS-200 - A contract for 20 MS-200 Alarm Monitor Systems was awarded to [redacted] for \$79,287.

25X1A5a1

26. A contract for four CP-113 Digital Control Panels was awarded to [redacted] for \$48,163.

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27. VADAC-III Speech Quality Tests with field stations using VADAC's continued during the month. Tests with [redacted] and [redacted] were very successful with good quality audio reported at both ends.

25X1A6a

25X1A6b

25X1A5a1

28. [redacted] Inc. has been awarded the contract to supply 40 each MX-113 Time Division Multiplexers for the SKYMUX program.

25X1A5a1

29. [redacted] was awarded a contract to manufacture 61 Crypto Control Units (CU-113). These units are to be used in the [redacted] program. Delivery is expected within ten months.

25X1A2g

30. A new contract for 40 SG-75B's was signed which includes an agreement for acceptance testing to be performed at the [redacted] facility--retroactive to the 80 now on order. Two hundred Low Noise modification kits have been ordered from [redacted]; one hundred and twenty-three have been received to date.

25X1A6a

25X1A5a1

25X1A6b

25X1A2g

25X1A6b

25X1A5a1

25X1A

31. Plans for the relocation of [redacted] have been initiated. Drawings of the [redacted] GCS building have been sterilized and sent to [redacted] to be used for the construction of the new antenna mount and radome. [redacted] has been asked to submit a proposal for executing this move.

25X1A9a

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