

~~NOT RELEASABLE TO FOREIGN NATIONALS~~

The Files - Contract RD-72, Schedule C

31 December 1958

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Trip Report - RS-18 Field Set and Base Station

1. A visit was made by [redacted] to the [redacted] on 10 December 1958 to monitor progress on Contract RD-72, Schedule C, the development and fabrication of the RS-18 field set and associated base station.

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2. Fabrication of the RS-18 equipment is nearly completed. The delivery date has been set for about 15 January 1959. This date represents a delay in scheduled delivery which is due to the limited number of personnel assigned to this project. The bias switch, which has been installed on the field set for a positive disconnect of the bias voltage during transmission, is in an awkward position. A better switch is indicated. A momentary miniature switch with maximum dimensions of 1/8" length x 1/4" width x 19/32" depth is being sought. A small push button switch has been sent to the contractor. The whip antenna which has been designed for this set will present problems. The sections have to be fitted together by color matching. This will be a problem in the darkness of night. Also if any of the fitted sections is burred or bent, it will be impossible to slide them together. [redacted] will check the battery operation of the field set at conditions of 0° Centigrade and below. The end voltage will be checked after each two-second shot.

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3. A proposal to improve the read-out capability of the RS-18 system was reviewed by [redacted]. Options to be presented for our consideration will be a Visicorder display, and high-speed teletype output. Finally, a conference was held on the AS-9, [redacted] proposal. This satisfied the contractor's requirement to meet with representatives of the Research and Development Branch in Washington, D.C. The task outline was reviewed to insure a mutual understanding by all.

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cc: R&D Subject File
Monthly Report (2)
R&D Lab
R&D Chrono

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EP Chrono

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