

STANDARD FORM NO. 64

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O&T 57-130

TO : Chief, Engineering Division, OC

DATE:

05 MAR 1957

FROM : Chief, Operations and Training Division, OC

SUBJECT: Functional Characteristics,

RS-19

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REF : ENG 7-175 and attachment.

1. The Operations and Training Division approves the proposed Functional Characteristics of the RS-19 subject to our interpretation of certain paragraphs as outlined below.

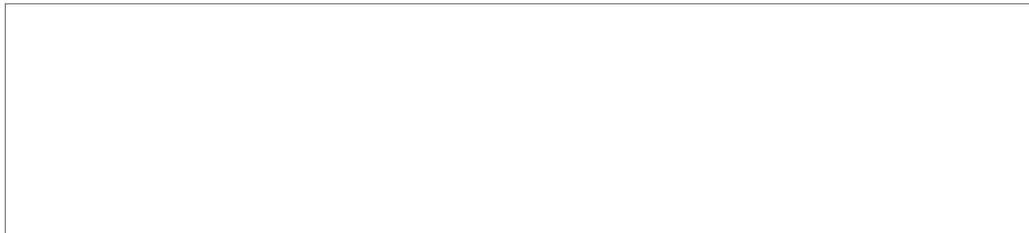
a. Emission Designation, (II).

The type of voice modulation chosen for the RS-19 should be compatible with existing, or readily available, Base type communications receivers to permit maximum operational flexibility with regard to existing Office of Communications facilities and to avoid a requirement for the development of special receiving equipment.

b. Fidelity, (II)

The desirable aspects of fidelity for voice recognition purposes are less important than the overall requirement for an efficient 2-way voice communications system. In this regard, fidelity may be sacrificed for higher average modulation levels in the case of AM or less bandwidth if FM is used.

c. Operating Time, (IV)



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