

Office Memorandum • UNITED STATES GOVERNMENT

TO : 5170

DATE: 14 May 1965

FROM : 5435

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SUBJECT: Assignment of Data Link Transmitter Frequencies.

In the meeting in ~~Room~~ Bld 59 (4th floor) on 28 April, the proposed D/L frequencies were provided to Code 5435. After reviewing the critical aspects of the Operational use of these payloads and the collection bands being proposed for use in each payload it is now possible to suggest/a new frequency assignment:

1. ~~One of~~ the D/L transmitters in P/L# 151 and 152 should be of the lower frequency to avoid coupling into the lowest frequency collection band, which starts at about 153 mc. Every trick at disposal will be used to provide as much isolation between the transmitter and the receiving experiment (23-section filters and isolation effort). mounting the antennas at right angles are two examples of this).
2. Suggest 200 kc between D/L xmt~~r~~ frequencies like 141, -2, -3, & 144. Then use the odd number 100 kc for P/L# 151 and 153 and conversely use the even number 100 kc for P/L # 152 & 154. with the lowest frequencies in the lower number Payloads.
3. Telemetry Frequency should/separated ~~xxx~~ be as widely for P/L # 151 and 152 as possible and separate 153 and 154 as widely as possible also. as will the other PL# 153 & 154, 151 and 152 will be used together/and it is desirable to have at least 100 kc between the frequencies being used at the same time.

BYEMAN-TALENT-KEYHOLE-COMINT
CONTROL SYSTEMS JOINTLY

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