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Conference Report
Radio Station AS-3
July 19, 1957

[REDACTED] 50X1
EA-122-1

General

This report covers a meeting held at [REDACTED] on 18 June 1957.
Personnel involved were:

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[REDACTED]

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The purpose of the conference was a general project review,
and delivery of a printer to [REDACTED]

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Discussion

1. The customer again requested acceleration of the project.
It was indicated that two new personnel would be added,
along with increased consultive service.
2. A sketch of a proposed [REDACTED] packaging scheme was requested.
This could be rough, as it will be redrawn for inclusion
in a report. Due date is 21 June. 50X1
3. The printer APT-3 was received and operated.
4. The choice of receiver to be used in the system has still
not been made.
5. The subject of frequency and stability of the recognition
multivibrator was discussed. The frequency is still a
nominal 150 cps, with stability "sufficient to enable an
oscilloscope to lock on it."
6. Packaging methods were discussed briefly. The customer
pointed out that it was desired to have the three most
used units - transmitter, receiver, and printer - close
together and in a line across the front of the equipment
assembly. This would place the power units in the rear,
with the keyer on one side.
7. The customer said that 50 ma transmitter crystal current
would be acceptable.
8. Crystals up to 15 mc are being used by the customer in
other applications, though are probably not available for
use in the AS-3. This will, however, be further explored.

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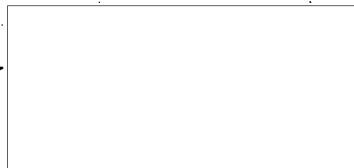
9. Power supply configurations were discussed.

The DC to DC supply will always be required, with primary input power always obtained at 13 volts dc. This may come either from the battery or from the AC to DC supply.

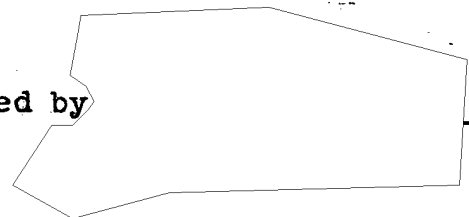
It was pointed out that the AC to DC supply will be the heaviest item in the equipment, and that in all probability the battery, plus a small battery charger, would weigh considerably less. Hence, it seems possible that in many applications, where the duty cycle is such as to permit time for battery recharging, the AC to DC supply might be discarded in favor of battery and trickle charger.

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Prepared by



Approved by



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