

CONSULTATIVE SERVICES RECORD
PRNC-NRL-10-631

Conf.
54R06-38
FILE NUMBER

DATE June 14, 1954
CONFERENCE NUMBER

1. This form is to be filled out in Laboratory personnel and outside personnel typed and returned to the Director after each conference between

CONFERENCE DATA

(a) DATE OF CONFERENCE 6-14-54 (b) PLACE Bldg 2 Radio Lab

(c) NAME(S) OF LABORATORY PERSONNEL (Section and Code Number)
S.D. R. G. Gilbertson 5435A
R.D. Maynard
A. J. Sessoms

(d) NAME(S) OF OUTSIDE PERSONS (Bureau or Concern Represented)
Leon Ribbar
Raymond Markowitz
American Electronic Laboratories
Phila., Pa.

(e) PURPOSE OF CONFERENCE
To discuss wide-open crystal-video intercept systems.

(f) TIME CONSUMED IN CONFERENCE
3 1/2 hours

BRIEF OF RESULTS

Methods of impedance matching between crystal detectors and receiver input stage were discussed, including use of d-c bias current and video transformers. The work done here on non-linear video amplifiers was described as well as the experimental work on low-pass waveguide filters.

HANDLE VIA BYEMAN
SYSTEM ONLY

American Electronic Labs
new development contract with The Signal Corps

SIGNATURE (over)

~~TOP SECRET~~

REF ID: A1224

DATE

(a) DATE OF CONFERENCE	(d) PLACE
to develop a crystal video intercept system.	
They were seeking information from NRL to help in the design of the system which will cover the frequency range of 500 to 12,000 mc. in five bands.	