

TELEVISION SIGNAL ANALYSIS

0. GENERAL

0.001 This addendum supplements Section 988.000.01, Issue 1 and is issued to provide supplemental information for Page 5 as follows:

- (a) The time intervals given in Fig. 3 for the front and back proches are approximately the minimum values set by the Federal Communications Commission for radiated signals. In practice, a 630 kc pulse generator frequently is used to time these signals so that the front porch equals 1 cycle with the sync and back porch each equaling 3 cycles.
- (b) This basis currently is employed by ABC, CBS, Du Mont and NBC and the nominal intervals become as below.

|             |       |              |
|-------------|-------|--------------|
| Front Porch | 1.59  | microseconds |
| Sync        | 4.76  | "            |
| Back Porch  | 4.76  | "            |
|             | 11.11 |              |

- (c) Since the total horizontal interval remains at 63.5 microseconds, the picture information interval varies according to the corresponding lengths of blanking interval.

1. HORIZONTAL SCANNING INTERVAL

Fig. 3 - Unimpaired Video Signal - A-Scope Expanded Horizontal Presentation

Correct values as shown in (b) above.