TM	C SPECIFICATI	ON	No. 5 888
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Typed 12/23/64 b	y SS.		

SBG-1X SYSTEM

TEST PROCEDURE

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I. PRELIMINARY

12/23/64 by SS.

Secure copy of S-527 and follow preliminary instructions.

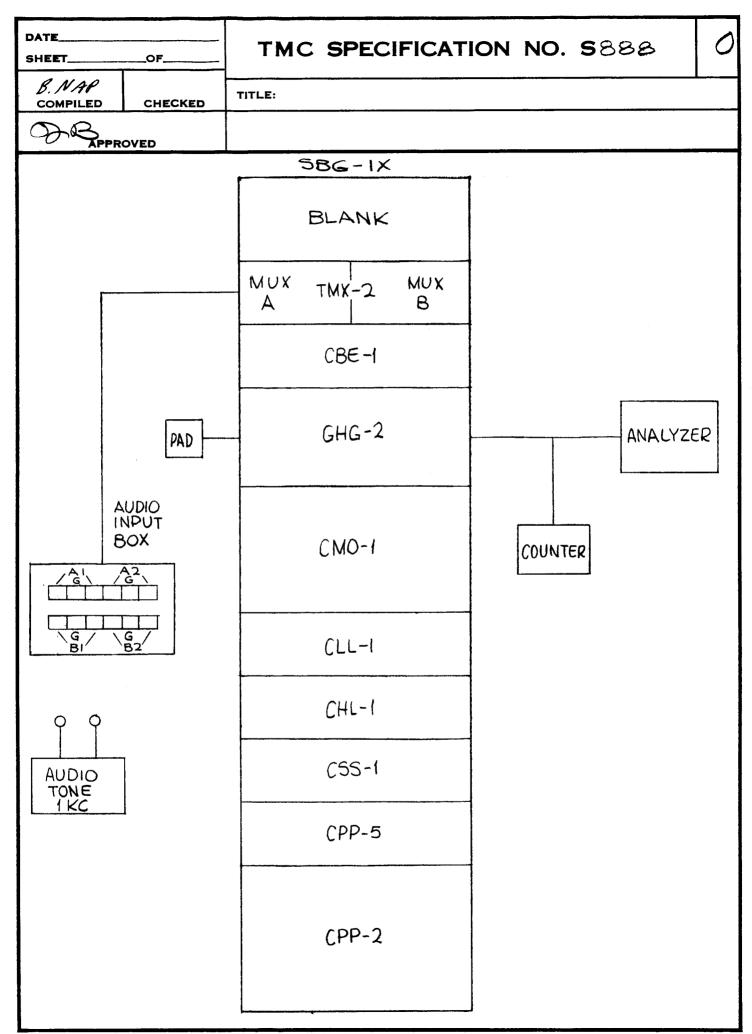
- II. TEST EQUIPMENT REQUIRED
  - 1. HP-200 Audio Generator or equivalent. All other equipment in S-527.

## III. TEST EQUIPMENT SETUP

1. Remove fanning strip from E-201 of the CBE. Procede as outlined in S-527 thru VIII F.

## IV. TMX CHECK

- 1. Remove TTG from CBE.
- 2. Connect fanning strip to CBE.
- 3. Connect the audio generator to the AI terminals of the audio input box. A single conductor shielded wire can be used for this purpose. Connect the shield to terminal 1 and 2 of the barrier strip. The insulated wire should be connected to terminal 3. For A2, connect the shield to terminals 5 and 6. The insulated wire connects to terminal 4. Use the same hookup for multiplexer B, connections.
- 4. Set output level control on multiplexer A to middle position and direct switch to ON, translated switch to OFF, output to LINE.
- 5. Set audio generator to 1 KC.
- 6. Set output of the audio generator to read 0 DB on the multiplexer A meter.
- 7. Set the CBE controls as follows:
  - a. Carrier Level MIN
  - b. LSB OFF
  - c. USB CHANNEL 1
  - d. USB Gain 0 DB
- 8. Read frequency on counter. It should read 1 KC above the carrier frequency used.
- 9. Remove the audio generator from the Al terminals and connect to the A2 terminals.
- 10. On the multiplexer A set the direct switch to OFF and the translated switch to ON.
- 11. Check the gain controls on the generator and CBE and set to the correct levels if necessary.
- 12. The frequency of the output should now read 5290 cps above the carrier frequency used.
- 13. To check multiplexer B, repeat the above procedures using Channel 2 of the CBE, and the Bl and B2 terminals of the audio input box.



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