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INFORMATION BULLETIN

NAT Part #: **CH400-61**
Description: **Tac/Com Control Heads**

Information Bulletin #: **0001**
Document #: **CH400-61\609-0**

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1.0 Applicability

This information is applicable to all Tac/Com II Control Heads with software version 2.47 and higher that are used with RT9600 radios that have been modified for narrow band operation.

2.0 Subject

This bulletin assumes the following items:

- a) The user is familiar with NAT Tac/Com Control Head operation.
- b) The interface cable between the control head and the RT9600 radio has been changed (as per drawing CH400-61\403-61xx) to provide selection between power and bandwidth. This cable will have a toggle switch installed for power selection when the control head is configured for bandwidth mode.
- c) The control head has had Modification 18 performed. Consult factory to determine compatibility of this modification to specific control head models.

2.1 Configuration

Turn on the control head and enter the Installation and Configuration mode.

Step through the configuration options until the screen displayed in Figure 1 appears. Select either a power output adjusted radio <P> or a bandwidth adjusted radio <BW>.

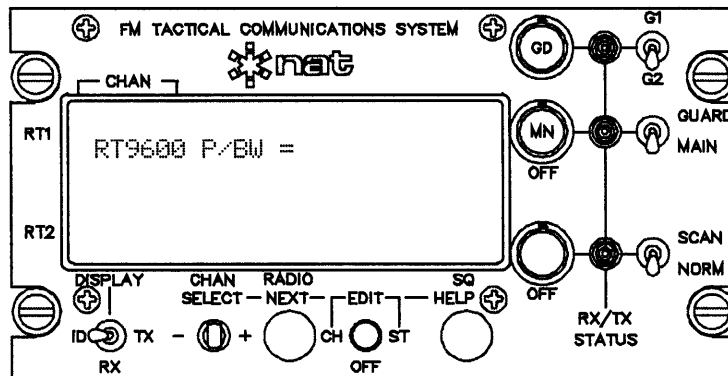


Figure 1

Exit the Installation and Configuration mode.

2.2 Power and Bandwidth Control

If a power output adjusted radio is selected then power will be adjusted as documented in the SM06 manual and no bandwidth control is provided.

If a bandwidth adjusted radio is selected, the bandwidth can be adjusted on a channel by channel basis. Select ID mode and Channel Edit. Using the NEXT switch advance to the second last character. Toggle between narrow bandwidth (\bar{n}) and wide bandwidth (\bar{w}) using the SELECT switch (Refer to Figure 2). If the power output needs to be changed in the bandwidth adjusted radio, this is done using the switch installed in the interface cable (the power control line will not appear in the "status edit" mode).

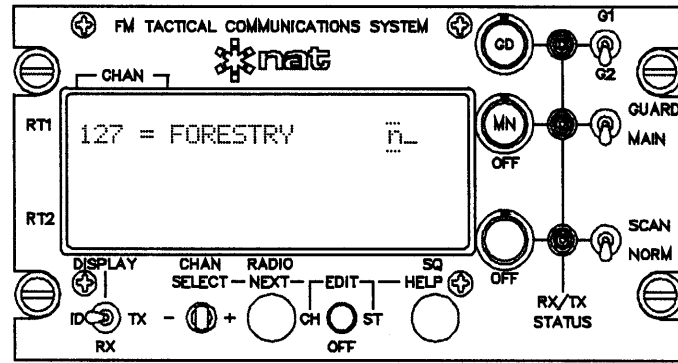


Figure 2

2.3 Operational Changes

With narrow band RT9600 radios, when channeling to a guard channel, the main receiver stays tuned to the last valid channel selected (instead of turning off).

To use subaudible tones with a narrow band RT9600 radio, a "Q" or "U" interface must be used (i.e.: the tones must be generated internal to the control head).

End of information bulletin