

## Fine tuning Trunk echo settings via the Megaco IP Terminal) for the IAD (8)-U10 ETU Megaco Station Application.

- (1) CPU version must be IPK 3.52 or 4.5
- (2) IAD card must be at firmware version 2.12
- (3) Echo Calibration must be set to ADVANCED on the IAD card. (Found on the first page after logging into the IAD card)
- (4) With an analog CO call in progress on the Megaco phone, perform the following procedure:
  - A) On the Megaco phone press keys **Exit + Exit + Help + Feature + Exit** (Must be completed within 10 seconds)
  - B) The following is displayed.



(In the echo train mode, the soft keys are used by the IAD to perform echo training for a trunk that is in use. The phone will exit from this mode when the user presses the “EXIT” Soft key)

The Terminals LCD’s Top line indicates the echo-training mode. The Middle line of the display indicates the current setting; starting from the values determined by trunk echo default settings and the bottom line of the display indicates the function on Soft keys

### 5) Adjusting Calibration Transmit Gain with soft keys “SK1” And “SK2”

These soft keys represent Calibration Transmit Gain Down and UP respectively.

When either of these is pressed, the value displayed on the middle line of the display is changed with a step of 1dB up or down. These new value takes effect immediately

#### **Adjusting Calibration Receive Gain with soft keys “SK3” and “SK4”**

These soft keys represent Calibration Receive Gain Down and UP respectively when either of these is pressed, the value displayed on the middle line of the display is changed with a step of 1dB up or down. These new value takes effect immediately

#### **Adjusting Echo Buffer Tail with “Help” soft key**

When HELP is pressed the value of the echo suppressor tail length is modified and new values take effect immediately.

Series of presses cycles echo suppressor tail length:

PRESS 1, Set Disable indicated by BUF=00

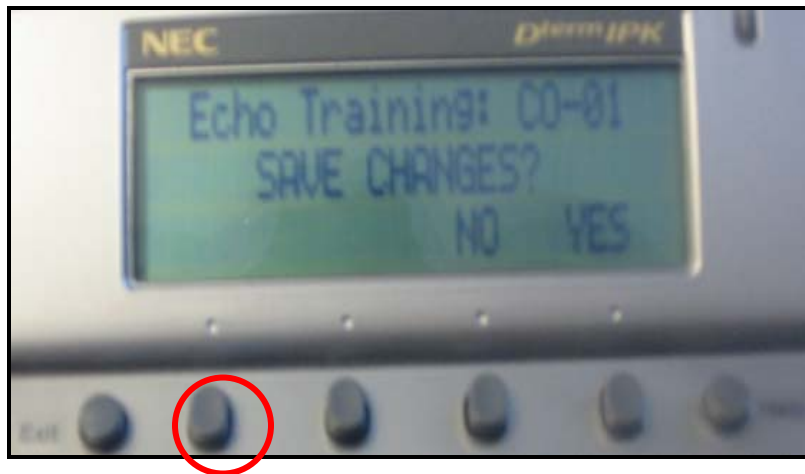
PRESS 2, 8 milliseconds indicated by BUF=08

PRESS 3, 16 milliseconds indicated by BUF=16

PRESS 4, 32 milliseconds indicated by BUF=32

#### **6) Saving new Configuration Settings**

Once adjustments are complete new settings will need to save to the IAD configuration file. Press the “Exit” key and observe the confirmation prompts.



- 7) Selecting the “Yes” Soft key saves the new trunk echo setting to the configuration file and return to normal operation Mode

Selecting the “No” Soft key disregards the new trunk echo setting and reloads the configuration file and return to normal operation Mode