System Release 16.3
WAVE 7000

WAVE 7000 PSX Push-to-Talk for Mobile Devices Quick Start Guide

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Document History

Version	Description	Date
MN003566A01-A	First release of the *WAVE 7000 PSX Push-to-Talk for Mobile Devices Quick Start Guide*.	February 2017
MN003566A01-B	Second release of the *WAVE 7000 PSX Push-to-Talk for Mobile Devices Quick Start Guide*.	March 2017
MN003566A01-C	Third release of the *WAVE 7000 PSX Push-to-Talk for Mobile Devices Quick Start Guide*.	April 2017

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Contents

List of Figures

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List of Tables

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List of Procedures

About This Manual

This manual provides information about using the Push-To-Talk (PTT) application.

What is Covered in This Manual?

This user guide covers the following chapters:

- PSX Push-to-Talk Client Start Up Using PSX Cockpit on page 19
- Navigating the Push-to-Talk Application on page 27
- Making PTT Calls on page 37
- PSX PTT Client Preferences on page 45

Helpful Background Information

Motorola offers various courses designed to assist in learning about the system. For information, go to http://www.motorolasolutions.com/training.

Related Information

Unless otherwise specified, the Motorola documents listed here are available from Motorola Online at `http://businessonline.motorolasolutions.com`. If you are new to Motorola Online, follow the on-screen instructions to sign up for an account. To access LEX devices manuals, select **Resource Center Product Information** → **Manuals** →**WAVE 7000**, and select the appropriate release. The Resource Center also provides a Search function.

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Chapter 1

PSX Push-to-Talk Client Start Up Using PSX Cockpit

All PSX PTT users must sign in to PSX Cockpit (Converged Services) client first before opening up the PSX PTT client. Each users PSX PTT ID is assigned a user role(s) that provides enterprise contacts and talkgroups based on the configuration defined by an agency administrator.

PSX Cockpit Setup for PSX PTT Client

To start using the PSX Push-to-Talk (PTT) Client, complete the following actions in PSX Cockpit:

1 Sign into PSX Cockpit, see Signing into PSX PTT through PSX Cockpit on page 19.

> **NOTICE:** Once the initial setup is complete, whenever a user logs back in the user is taken back through the setup process.

2 Set Push-to-Talk toggle and set PSX PTT communication for WAVE, see Setting WAVE PSX PTT in PSX Cockpit on page 21.

3 Pair devices for the user PSX PTT session, see Pairing New Devices for PSX PTT in PSX Cockpit on page 22

4 Set PSX PTT user status, see Setting PSX PTT Status in PSX Cockpit on page 23.

1.1

Signing into PSX PTT through PSX Cockpit

PSX Cockpit (Converged Services) client provides the PSX Push-to-Talk (PTT) user the ability to set PSX PTT settings for the PTT session.

Prerequisites: Verify the PSX Cockpit client is installed and configured on the Android device. For details on installation and configuration, see *Connecting Clients to IMW* manual.

When and where to use:
Use this procedure to sign in to PSX PTT client through the PSX Cockpit and select a PSX PTT user role and configure group affiliation lists before beginning a PTT session.

Procedure:

    1 On the **All Apps** screen of the device, select **Settings → Accounts → PSX Cockpit**.

    2 In the **Accounts** screen, tap **→ Sign In**.

    3 In the **Username** and **Password** field, enter the username and password.

Figure 1: PSX Cockpit Login
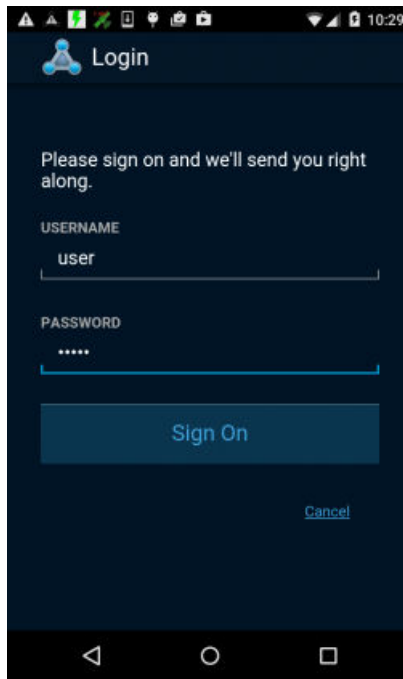
4 Tap **Sign On**.

Select a Role window appears. PSX Cockpit (Converged Services) client provides the PSX PTT user the ability to select from a list of assigned user roles assigned from an agency administrator. If only assigned to one user role, no selection is required. Proceed to step 7.

5 From **Select A Role** screen, select a user role for the current session.

Figure 2: PSX Cockpit Role Selection
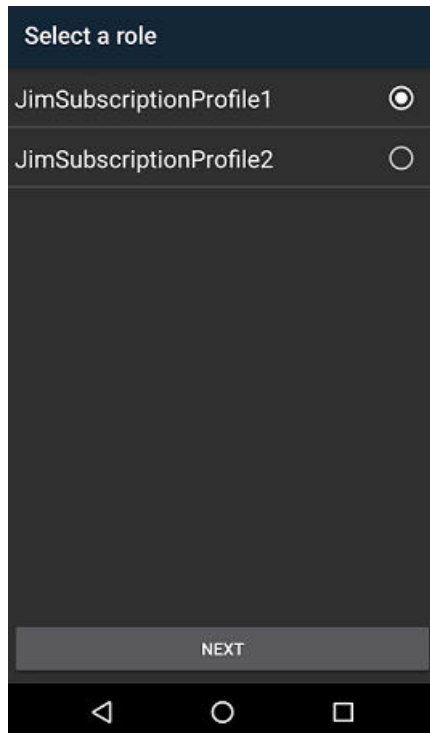
6 Tap **Next** to proceed to affiliate to your PSX PTT group affiliation lists in PSX Cockpit. Maximum 10 groups can be selected.

> **NOTICE:** Automatic Group Lists are created and pushed to your device from an agency administrator.

7 If you want to create affiliation group lists, from **Group List Selection** window, tap **+ Create New List of Groups**.

8 Select talkgroups to add to the group affiliation scan list and tap ✓ .

9 Tap **Save** or **Cancel** to return to the previous screen.

10
Click ✓ to return to PSX Cockpit home screen.

To change your group affiliation or user role tap ☰ → **PSX PTT ID**.

> **NOTICE:** Once the initial setup is complete, whenever a user logs back in the user is taken back through selecting a user role and group affiliation selection process. To change group affiliation lists and user roles during a PSX PTT session, see Managing PSX PTT Group Affiliation Scan Lists on page 52 and Setting PSX PTT User Role in PSX Cockpit on page 25.

1.2
Setting WAVE PSX PTT in PSX Cockpit

PSX Cockpit (Converged Services) client provides the PSX PTT user the ability to set WAVE Push-to-Talk communications to WAVE for each PSX PTT session.

When and where to use:
Use this procedure to configure WAVE Push-to-Talk communications for PSX PTT communication.

Procedure:

1 From the device **Home** screen, tap .

2 In the **Username** and **Password** field, enter the username and password and tap **Sign On**.

3 Tap ☰.

Figure 3: PSX Cockpit Sidebar Menu

4 Tap **Push to Talk** toggle.

5 Tap **WAVE → OK** to configure PTT communication for a smartphone.

> **NOTICE:** By choosing **WAVE** this not only sets your choice for PTT functionality but configures emergency.

1.3

Pairing New Devices for PSX PTT in PSX Cockpit

PSX Cockpit (Converged Services) client provides the PSX PTT user the ability to pair devices (example bluetooth audio accessories) to use in the PSX PTT session.

When and where to use:
Use this procedure to pair external devices to the PSX PTT client through PSX Cockpit.

Procedure:

1 From the device **Home** screen, tap   .

2 In the **Username** and **Password** field, enter the username and password and tap **Sign On**.

Figure 4: PSX Cockpit Main Window
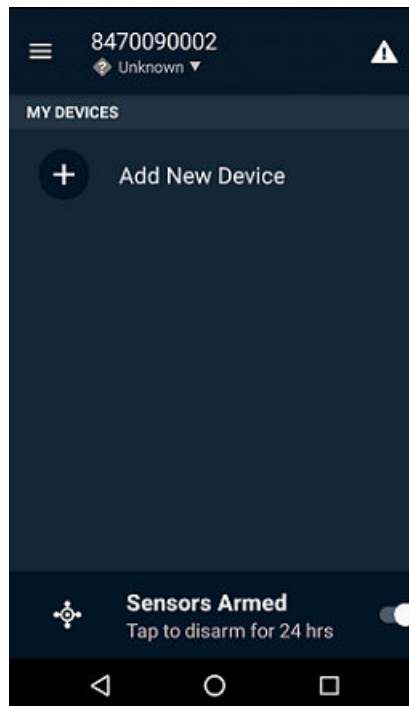
3 From **My Devices** pane, tap **+ Add New Device**. Available devices start populating the list. Displays connect upon successful connection. If connection fails, user is able to retry again.

> **NOTICE:** For detailed information on Sensor Armed feature, see *Connecting Clients with IMW* manual.

1.4
Setting PSX PTT Status in PSX Cockpit

PSX Cockpit (Converged Services) client provides the PSX PTT user the ability to set status during PSX PTT session.

When and where to use:
Use this procedure to configure PSX PTT user status for PTT communication through PSX Cockpit.
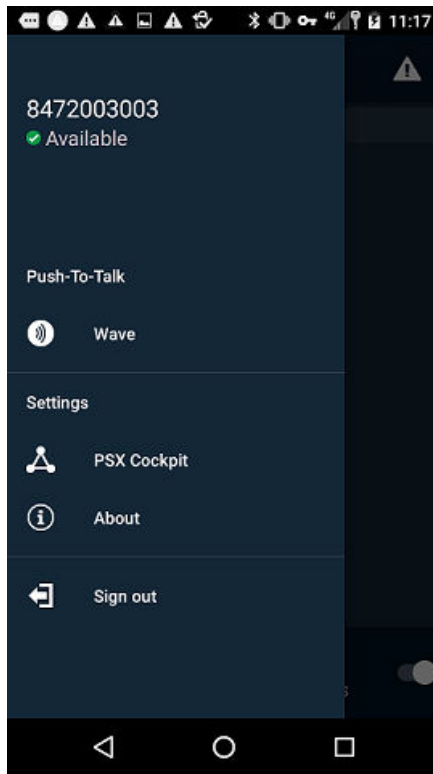
Procedure:

1 From the device **Home** screen, tap .

2 In the **Username** and **Password** field, enter the username and password and tap **Sign On**.

3 Tap .

The PSX Cockpit sidebar menu appears.

Figure 5: PSX Cockpit Sidebar Menu

4 Tap **PSX PTT ID**.

5 Tap **Available** or **Busy**.

6 Tap **Update** or **Cancel** to return to previous screen.

Signing Out of PSX Cockpit

PSX Cockpit (Converged Services) client provides the PSX PTT user the ability to sign out during a PSX PTT session.

When and where to use:
Use this procedure to sign out of PSX Cockpit.

Procedure:

1 From the device **Home** screen, tap .

2 In the **Username** and **Password** field, enter the username and password and tap **Sign On**.

3 Tap .

Figure 6: PSX Cockpit Sidebar Menu
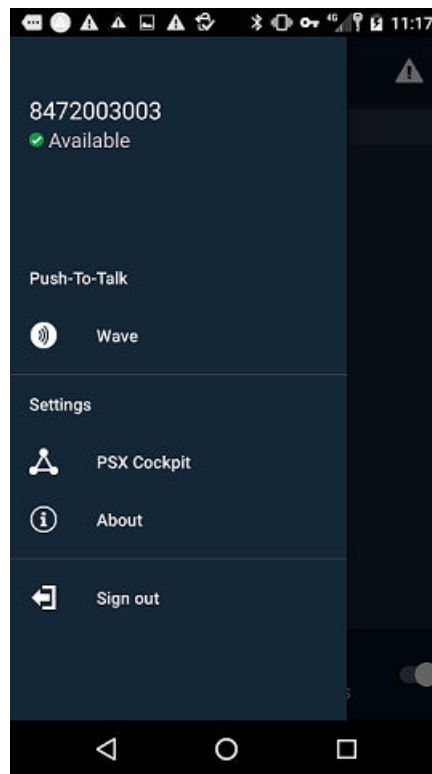
4   Tap **Sign Out**.

Setting PSX PTT User Role in PSX Cockpit

PSX Cockpit (Converged Services) client provides the PSX PTT user the ability to select from a list of assigned user roles assigned from an agency administrator during a PSX PTT session.

When and where to use:
If you are assigned to multiple user roles, use this procedure to select a user role for the PSX PTT session.
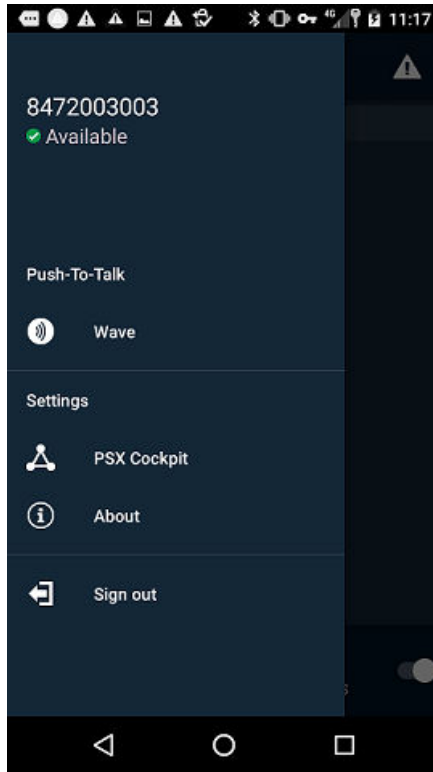
Procedure:

1   From the device **Home** screen, tap   .

2   In the **Username** and **Password** field, enter the username and password and tap **Sign On**.

3   Tap   .

Figure 7: PSX Cockpit Sidebar Menu
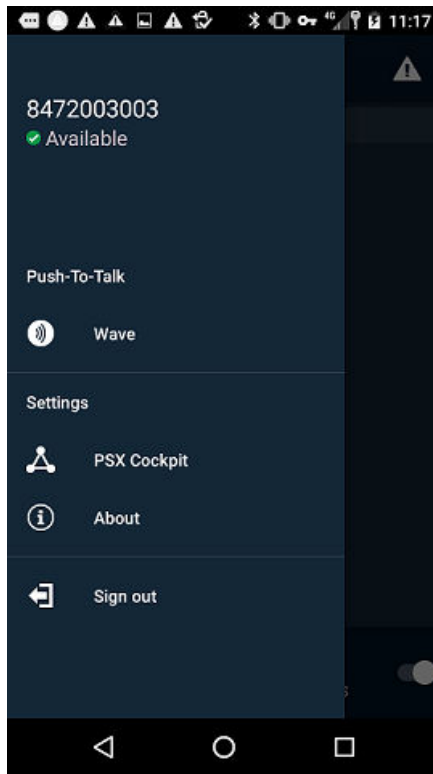
4 Tap **User Identity**.

5 If user is assigned to multiple user roles, tap **User Role Selection**.

6 From **Select A Role** screen, select a user role for the current session.
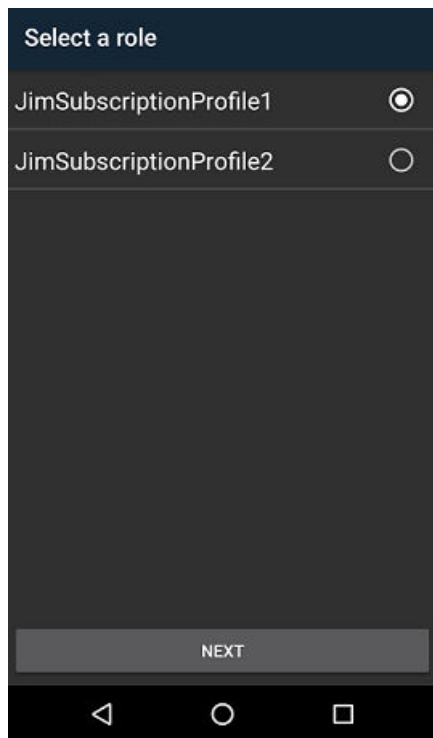
7 Tap **Next** to proceed to configuring PSX PTT group affiliation lists in PSX Cockpit.

Send Feedback

Chapter 2

Navigating the Push-to-Talk Application

This manual provides basic information and procedures required to support the initial setup of the WAVE 7000 and PSX Push-to-Talk (PTT) for mobile devices. For additional information on operation, theory, operation, and troubleshooting for the PSX PTT on mobiles devices, see *Wave 7000 Push-to-Talk for Mobile Devices* manual.

2.1
Turning PSX PTT Client On and Off

Prerequisites: Confirm that the handheld is connected to a network by viewing the signal strength indicators .

When and where to use:
Perform this procedure to turn the PSX Push-to-Talk (PTT) application on or off. When the PSX PTT application turns on, it connects and registers with the WAVE 7000 server. Depending on network traffic, a delay may occur before successful registration. When the PSX PTT application client is turned off, it disconnects from the WAVE 7000 server.

> **IMPORTANT:** When a user logs out of the PSX PTT application, the device moves into user-less mode, and only reduced PTT functionality (only emergency and ambient features) is available.

Figure 8: PSX PTT Sign-in Screen

Procedure:

1 Perform one of the following actions:

If…	Then…
If you want to turn on the PSX PTT application,	**a** From the handheld device **Home** screen, tap **PSX PTT** [PSX PTT icon] icon. **b** Slide the **PTT Service** switch to **ON**. [notice icon] **NOTICE:** If the registration is not successful, an error message appears on the **PTT Service** screen and the **PTT Service** switch goes back to **OFF**.
If you want to turn off the PSX PTT application,	**a** From the **PSX PTT** screen, tap **Contacts**. **b** From the the drop-down **Menu** key, select **Settings**. **c** Tap **PTT Service** slider to **OFF**.

2.2
PSX Push-to-Talk Button

PSX PTT client supports either hard PTT buttons (dedicated or configurable) on the device or a soft PTT button (available on the device screen).

> **NOTICE:** Notifications from hard button press/release are supported on the device platform so that the PSX PTT client will work correctly. Soft PTT button is supported directly within the PSX PTT client.

Figure 9: Soft PTT Button
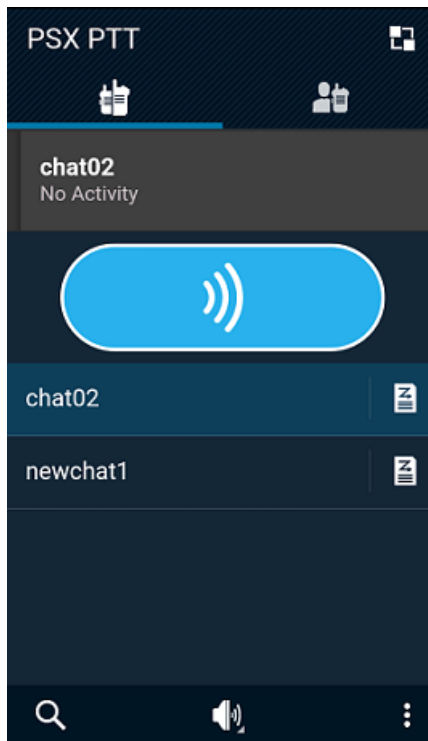
To make a PTT call:

- Press and hold the **PTT** button to take the floor.

- While holding the button, speak into the device and your voice can be heard by the other person on the call.

- Release the **PTT** button to allow other people on the call to take the floor and speak.

2.3
PSX Push-to-Talk Main Application Screen

Navigating the PSX Push-to-Talk (PTT) client is easy using the device touch screen. The following icons appear on the device display and are used in the PSX PTT client. Not all icons used are shown.

PSX PTT Main Screen

- **Affiliation Group Lists**

Figure 10: PSX PTT Affiliation Group List Main Screen
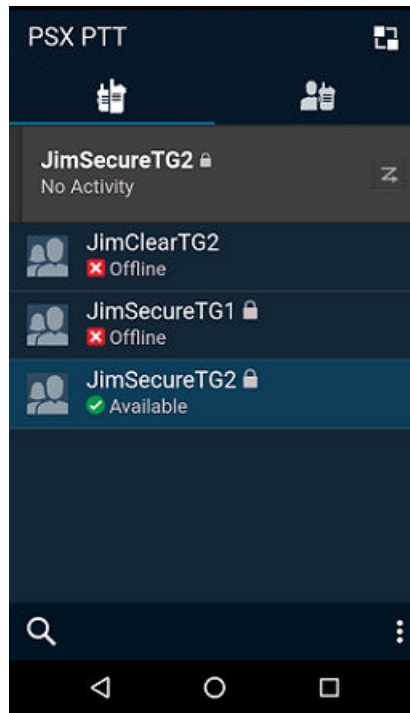
Table 1: Status Bar Icon

Icon	Name
	Tap to view affliation group list and enterprise groups.
	Integrated Core Experience (ICE). The ICE Button enables the operator to move seamlessly between applications without losing context, see Integrated Core Experience (ICE).
	Indicates User-selected group affliation is highlighted. .
	Tap talkgroup name to initiate a PSX PTT call. PSX PTT affiliate group list presented in alpha-numeric order. To change the display of the names, see Setting View of PSX PTT Contact List on page 45.
	Scanning is enabled in the group affiliation window as either on or off by selecting the scan icon.
	Tap to open and type the name to search on the contact list.

Table continued…

Icon	Name
	Secure icon.
	Tap to open **Overflows Menu** to show the following list: - **Settings**: Manage PSX PTT settings. See Administration of PSX PTT Settings on page 45. - **Sign out**: Sign out of PSX PTT application. See Turning PSX PTT Client On and Off on page 27.

- **Contacts**

Figure 11: PSX PTT Contact Main Screen
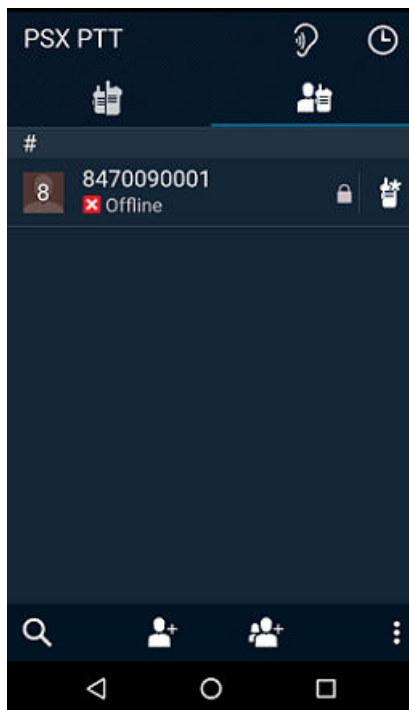
- Table 2: Status Bar Icon

Icon	Name
	Tap to view enterprise PTT contacts and individual personal and group PTT contacts.
	If implemented in your system, indicates an Ambient listening call (assignement) is active. See PSX Push-to-Talk Ambient Listening Call Operation.
	Tap to view PTT Call Log Screen. See PSX Push-to-Talk History Screen on page 33.

Table continued…

Icon	Name
# 8 8470090001 ❌ Offline 🔒	Tap PTT contact name to initiate a one-to-one private PTT call. PTT contact list presented in alpha-numeric order. To change the display of the names, see Setting View of PSX PTT Contact List on page 45.
🔍	Tap to open and type the name to search on the contact list.
🔒	Secure icon.
👤+	Tap to add a new contact. See Administration of PSX PTT Personal Contacts on page 47.
👥+	Tap to begin selecting multiple contacts to start a Multi-Select call.
⋮	Tap to open **Overflows Menu** to show the following list: - **Settings**: Manage PSX PTT settings. See Administration of PSX PTT Settings on page 45. - **Sign out**: Sign out of PSX PTT application. See Turning PSX PTT Client On and Off on page 27.

2.4

PSX Push-to-Talk Status Bar Icons

Status Bar Icons

The PTT Status Bar icons provides a detailed review of the PTT status bar. The following icons appear on the device display and are used in the Push-To-Talk (PTT) application. Not all icons used are shown.

Table 3: Status Bar Icons

Icon	Name
📻	Indicates Talkgroup being monitored.
⊖	Indicates alarm setting status.

Table continued…

Icon	Name
	Indicates Wi-Fi or local network connection.
79%	Indicates battery level.
	Indicates device is on a private network.
10:31 AM Tuesday, October 4	Indicates current time.

2.5

PSX Push-to-Talk History Screen

The PTT History screen provides a history of recent Call Alert with Acknowledgementpo, Barge (one-to-one), and Alert, Personal Group, and Temporary Group calls. History includes outgoing, received, and missed calls.

NOTICE: Talkgroup and Broadcast Group calls are not logged.

Figure 12: PTT History Screen
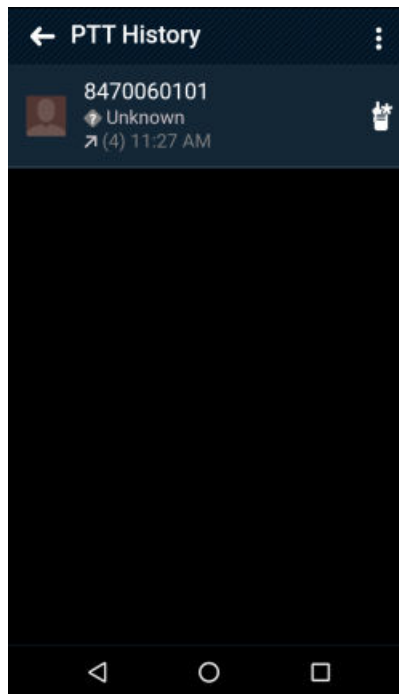
Table 4: Call Log Screen Icons

Icon	Name
← PTT History	Tap to return back to **Private PTT** main view.

Table continued…

Icon	Name
	Tap to see Contact Detail screen. Tap , , or , to make a PTT Voice or Message to the selected number.
	Tap to start an alert or call alert with acknowledgement PTT call to the selected number. See Making a PSX Push-to-Talk One-to-One Alert Call on page 38 or Making a PSX Push-to-Talk Call Alert with Acknowledgement Call on page 37.
	• "8470060101" - Indicates missed caller selected number. • "Unknown" - Indicates availability status of the contact or group. • (4) - Indicates how many times the caller called. • "11:27 AM" - Indicates date stamp including time, day of the week, and date. • Tap "8470060101" to initiate a PTT call to the selected number. .
	Tap to view list filters - Show missed only, Show outgoing only, Show incoming only, Clear History, Settings, or Log Out.
	Outgoing session or alert. Color is green.
	Incoming session or alert that was missed and shown in the Session Log view. Color is red.
	Incoming session or alert that was received and shown in the Session Log view. Color is blue.

2.6

PSX Push-to-Talk Audio Settings

The hard button on the device and audio icons adjust volume durin a PSX PTT call. Tapping an audio status icon displays a volume and choice screen. This screen shows the volume setting (length of the slider line), allows the volume to be changed (using the slider), shows the current output of the audio (underlined icon), and allows the audio output to be changed (tapping a selection icon).

NOTICE: The volume slider in a volume and choice screen only controls the voice volume and does not control the Alert tone volume.

Figure 13: PTT Audio Slider
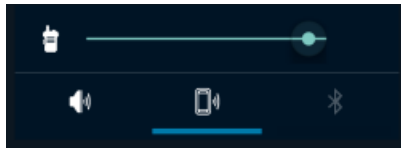
Table 5: Call Log Screen Icons

Icon	Name
	Handset Mode - Tap to route audio to the normal handset speaker/earpiece.
	Bluetooth Mode - Tap to route audio to a Bluetooth device (if available).
	Wired Headset Mode - Tap to route audio to the headset (if available).
	NOTICE: Icon automatically changes to headset when wired headset is plugged in and reverts back to handset icon when wired headset is unplugged.
	Speaker Mode - Tap to route audio to the speakerphone.
	Audio volume level control - Tap to adjust audio level control.

The Android operating system volume controls do NOT control the PTT voice audio volumes.

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Chapter 3

Making PTT Calls

This chapter describes how to make PSX Push-to-Talk (PTT) calls with the application.

3.1
Making a PSX Push-to-Talk Call Alert with Acknowledgement Call

When and where to use:
If available, perform this procedure to make a Push-to-Talk (PTT) Call Alert with Acknowledgement call. PTT Call Alert with Acknowledgement calls, contact the called party with an option for the called party to accept or reject the push-to-talk (PTT) call. This call can be a full-duplex call (if the system allows) instead of the standard half-duplex call.

NOTICE: One-to-one Private (Barge) or Call Alert with Acknowledgement calls are configurable by a system administrator and only one call type is available at a time.

Procedure:

1 From the **PSX PTT** main window, tap . You are presented with a PSX PTT Contacts list.

2 In **Contacts**, search for the required name and tap the name to start a PTT call.

   NOTICE: indicates the contact is secure.

3 Wait for the receiver to accept or reject the PTT call.

4 When call is accepted complete one of the following actions based on the system configuration:

   • For *half-duplex* calls, press and hold the **PTT** button and start speaking after the "chirp" and release the **PTT** button to listen.

   • For *full-duplex* calls (if the system allows), a `Talk without pressing PTT button` notification appears, begin speaking.

5 Tap **End** to end the call.

   A missed call notification will display in the notification bar as configured in your Android settings. User can tap to send a call alert or initiate a private PTT session from the notification bar.

3.2
Making a PSX Push-to-Talk One-to-One (Private) Barge Call

When and where to use:
If available, perform this procedure to make a one-to-one private call between two people. Barge (Private) calls contact the called party as soon as the call is established. There is no option for the called party to accept or reject the call. This call is a standard half-duplex call.

 NOTICE: One-to-one Private (Barge) or Call Alert with Acknowledgement calls are configurable by a system administrator and only one call type is available.

Procedure:

1   From the **PSX PTT** main window, tap . You are presented with a PSX PTT Contacts list.

2   In **Contacts**, search for the required name and tap the name to start a PTT call. Do not tap .

 NOTICE: indicates the contact is secure.

3   Press and hold **PTT** button and start speaking after the "chirp".

4   Release **PTT** button to listen.

5   If your handheld is secure and the called party is not secure, a warning is displayed. Tap **OK** to continue with a clear call.

6   When the call is connected to the callee and the floor is open, the screen will display `Ok to Talk`.

7   Tap **End** to end the call.

A missed call notification will display in the notification bar as configured in your Android settings. User can tap to send a call alert or initiate a private PTT session from the notification bar.

3.3
Making a PSX Push-to-Talk One-to-One Alert Call

When and where to use:
If available, perform this procedure to make a One-to-One Alert Call. An Alert call contacts the called party and allows the called party to **Ignore** or **Connect** to the call. This call is a standard half-duplex call.

 NOTICE: One-to-one Private (Barge) or Call Alert with Acknowledgement calls are configurable by the system administrator and only one call type is available.

Procedure:

1   From the **PSX PTT** main window, tap . You are presented with a PSX PTT Contacts list.

2
In **Contacts**, search for the required name and tap . Do not tap the contact name.

 NOTICE: indicates the contact is secure.

3   The callee will receive a confirmation dialog to **Connect** or **Ignore** the call.

4   The client can start talking when the text on the screen shows **Ok to Talk**.

5   Press and hold the **PTT** button to talk. The screen text changes to show `Talking` at the talker.

6   Tap **End** to end the call.

A missed call notification will display in the notification bar as configured in your Android settings. User can tap to send a call alert or initiate a private PTT session from the notification bar.

3.4
Making a PSX Push-to-Talk Personal Group Call

Prerequisites: User must create personal groups to make a PSX PTT personal group call. See Adding a PSX PTT Personal Group on page 50.

When and where to use:
The PSX PTT user selects multiple, individual contacts, and can create a personal group. This call is a standard half-duplex call.

Procedure:

1 From the **PSX PTT** window, tap . You are presented with a PSX PTT Contacts list.

2 In , search for the required personal group name and tap the name of the group. Do not

   tap .

   NOTICE: indicates the contact is secure.

3 Press and hold the **PTT** button and start speaking after the "chirp".

4 Release the **PTT** button to listen.

The following notifications messages appear:

- `Waiting` - The call remains in the state until a member joins the call.

- `No Activity` - If no members join before the call times out, the session ends and message displays.

- `Temporarily Unavailable` - WAVE 7000 server cannot process the call.

- `Talking` - Active session starts and caller sees a message when any member presses and holds the PTT button

- `OK to Talk` - Caller releases the PTT button everyone sees this message.

5 Tap **End** to end the call.

3.5
Making a PSX Push-to-Talk Temporary Group Call

When and where to use:
Perform this procedure to create a Temporary Group. The PTT user selects (ad-hoc) multiple, individual contacts to create a temporary group call. This call is a standard half-duplex call.

> 📝 **NOTICE:** Temporary Groups are not stored in the handheld and only that handheld user can initiate a call to the Temporary Group. A temporary group can be optionally saved as a personal group.

Procedure:

1 From the **PSX PTT** screen, tap ![icon].

2 Tap **Multi-Select Mode** ![icon].

3 Select the check box for each contact to add to the group.

   Contacts can be added to the group even if the status of the contact is Offline.

4 From the bottom of the screen, tap ![icon] icon to call the temporary group.

5 Press and hold the **PTT** button and start speaking after the "chirp".

6 Release the **PTT** button to listen.

   The following notifications messages appear:

   • `Waiting` - The call remains in the state until a member joins the call.

   • `No Activity` - If no members join before the call times out, the session ends and message displays.

   • `Temporarily Unavailable` - WAVE 7000 server cannot process the call.

   • `Talking` - Active session starts and caller sees a message when any member presses and holds the PTT button

   • `OK to Talk` - Caller releases the PTT button everyone sees this message.

7 Tap **End** to end the call.

3.6
Making a PSX PTT Enterprise Talkgroup Call

Prerequisites: An agency administrator defines and manages enterprise talkgroups that which are pushed down to specified users based on the user role section. To view enterprise talkgroups, the user must create group affiliation scan lists and set a priority talkgroup. Before making a PSX PTT Enterprise Talkgroup call, the user must set up the PSX PTT client through PSX Cockpit client, see PSX Push-to-Talk Client Start Up Using PSX Cockpit on page 19.

When and where to use:
Perform this procedure to call an enterprise talkgroup. This call is a standard half-duplex call.

Procedure:

1 From the **PSX PTT** screen, tap ![icon].

2 Tap the name of the enterprise talkgroup.

   The Talkgroup is highlighted and the name and activity is available. The **PTT** button is activated.

3 Press and hold the **PTT** button and start speaking after the "chirp".

4 Release the **PTT** button to listen.

The following notifications messages appear:

- `Waiting` - The call remains in the state until a member joins the call.

- `No Activity` - If no members join before the call times out, the session ends and message displays.

- `Temporarily Unavailable` - WAVE 7000 server cannot process the call.

- `Talking` - Active session starts and caller sees a message when any member presses and holds the PTT button

- `OK to Talk` - Caller releases the PTT button everyone sees this message.

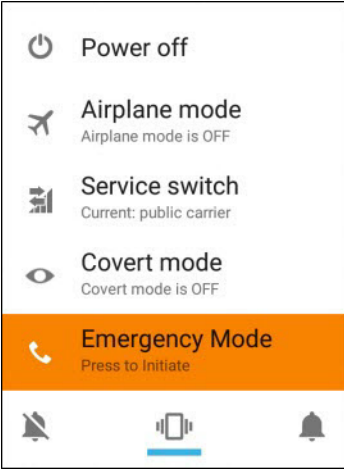**5** Tap **End** to end the call.

3.7
Making PSX Push-to-Talk Emergency Calls
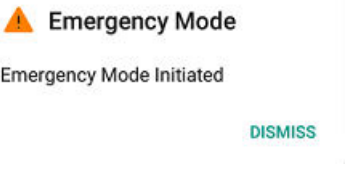
Prerequisites: User must configure Emergency Settings for **Emergency Target**, **Hot Mic**, **Hot Mic Duration**, and **Hot Mic Frequency** settings. For settings information, See "Emergency Settings" section in Administration of PSX PTT Settings on page 45.

When and where to use: Perform this procedure to send a PTT emergency to an individual or designated talkgroup.

Procedure:

1 Select the method you want to use to initiate emergency mode on your device, and perform one of the following actions:

If…	Then…
If you want to make an Emergency call using the Emergency soft button,	Complete the following actions: **a** Press and hold the Emergency **Power** button until the menu appears. **b** Tap **Emergency Mode**. After 3 seconds, the Emergency Mode is enabled.
If you want to make an Emergency call using the Emergency hard button,	Complete the following actions:

If…	Then…
	a Press and hold the Emergency **Power** for three seconds. ⚠ Emergency Mode Emergency Mode Initiated DISMISS Vibrations occur at each second, with a long vibration when emergency is initiated.

2 Hold the device vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth and press and hold **PTT** and announce your emergency into the microphone.

> **NOTICE:** When hot mic has been enabled, the radio's speaker opens and automatically transmits voice without a PTT press until the hot mic duration expires.

3 Release **PTT** button to listen.

> **NOTICE:** If using the soft PTT button, when hot mic mode is on, soft **PTT** button will not show.

4 To clear the emergency call, press and hold down the programmed emergency button till menu appears and tap **Clear Emergency** to exit emergency.

Figure 14: Emergency Clear Mode
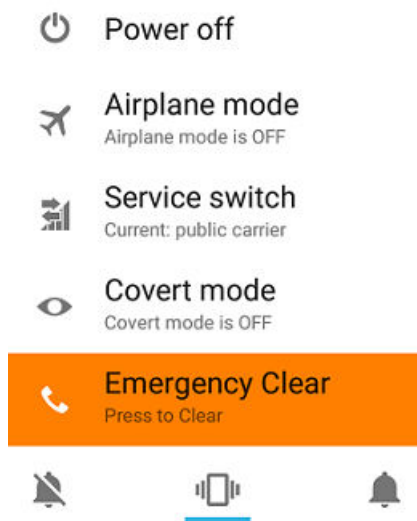
The **Emergency Clear** window appears and tap **Clear**.

Figure 15: Emergency Clear
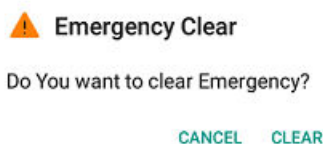
> 📝 **NOTICE:** If the PTT application is in reduced feature mode you can still make emergency PTT calls but you are unable to use all features of the PTT application. Tap **Log in** to go to the **Single Sign On** screen.

> 📝 **NOTICE:** If user initiates emergency call but the device is out of coverage (out of broadband network coverage), after regaining the broadband network coverage, emergency call is initiated automatically.

3.8
Making PSX Push-to-Talk Ambient Listening Calls

You can make an ambient listening (AL) call by dialing an AL target PTT number on the dialer or select an AL target number from the contact list.

Prerequisites: Ensure that the PSX PTT ambient users have been added on the server.

Procedure:

1 Initiate a call:

If…	Then…
If you want to dial an AL target number by using digit entry,	perform the following actions: a Navigate to the PSX PTT dialer. b Enter an AL target PTT number and initiate an ambient listening session. 📝 **NOTICE:** If AL target is not capable for secure call (highly assured), a notification appears to either proceed with only an assured call or cancel the call.
If you want to dial an AL target number from the contacts list,	perform the following actions: a From the **PSX PTT** main screen, tap → . An AL target list appears. b Tap the name of the AL target to start an ambient listening call.

2 An `Ambience listening will not be interrupted by any incoming calls` pop-up appears, select **Proceed** to start the ambience listening call or **Cancel** to return to the previous screen.

3 When the call is successfully established, the **Ambience Listening Session** screen appears, and information about the ambient call appears on the screen.

> 📝 **NOTICE:**
> - If PTT target answers another PTT/audio call during an ambient listening session, the call is idle until the target returns unless the time-out-timer ends the call.
> - If PTT target logs off the device during an ambient listening session, a notification will appear to either end the call or continue listening.

Postrequisites: To terminate the call, tap **End**.

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Chapter 4

PSX PTT Client Preferences

Access to the Client Preferences is available through the Settings. Preferences settings allow the operator to configure PTT settings, PTT individual contacts, PTT personal groups, and PTT talkgroups.

4.1
Administration of PSX PTT Settings

This section describes the settings within the PTT application. Preference settings allow the user to configure PSX PTT client Display Options, Account Settings, Advanced Settings, Emergency Settings on the device.

4.1.1
Setting View of PSX PTT Contact List

When and where to use:
Follow this procedure to configure viewing of contacts on your device.

Procedure:

Perform the following actions:

If…	Then…
If you want to change the sort list by first name or last name,	Complete the following action: **a** From the **PSX PTT** main window, tap → **Settings** → . **b** Tap **Sort List By** first name or last name.
If you want to view contact names as first name first or last name first,	Complete the following actions: **a** From the **PSX PTT** main window, tap → **Settings** → . **b** Tap **View Contact Name As** first name first or last name first.

4.1.2
Viewing PSX PTT User Name and PTT ID Number

When and where to use:
Follow this procedure to view PSX PTT User Name and PTT ID number on your device.

Procedure:

1 From the **PSX PTT** main window, tap → **Settings** → .

2 PSX PTT User Name and PTT ID number is displayed in **Account** section.

4.1.3
Enabling PSX PTT Fast Call Setup

When and where to use:
Follow this procedure to enable fast call setup on your device.

Procedure:

1   From the **PSX PTT** main window, tap → **Settings** → .

2   To enable fast call setup for calls, tap slider **on**.

4.1.4
Enabling PSX PTT Alert Tone Repeat

When and where to use:
Follow this procedure to enable PTT alert tone repeat on your device.

Procedure:

1   From the **PSX PTT** main window, tap → **Settings** → .

2   To enable PTT alert tone repeat for alert calling, tap **PTT Alert Tone Repeat**.

4.1.5
Setting PSX PTT Emergency Target

When and where to use:
Follow this procedure to set PTT emergency target on your device.

Procedure:

1   From the **PSX PTT** main window, tap → **Settings** → .

2   To enable PTT alert tone repeat for alert calling, tap **Emergency Target** window and complete one fo the following actions:

If…	Then…
If you want to set an emergency contact from the contact list,	Complete the following action: a Tap **Emergency Contact** and select and emergency contact from the contact list.
If you want to set an emergency contact from the talkgroup list,	Complete the following action: a Tap **Selected Talkgroup** and select a talkgroup from the talkgroup list.
If you want to set an emergency contact from the emergency talkgroup list,	Complete the following action: a Tap **Emergency Talkgroup** and select an emergency talkgroup from the emergency talkgroup list.

If…	Then…
	📝 **NOTICE:** Emergency talk-groups are managed by the system administrator and cannot be created by the user.

4.1.6
Enabling PSX PTT Emergency Hot Mic

When and where to use:
Follow this procedure to enable PTT emergency hot mic on your device.

Procedure:

1 From the **PSX PTT** main window, tap ⋮ → **Settings** → .
2 To enable hot mic for PTT emergency calls, tap **Hot Mic** slider **on**.

4.1.7
Setting PSX PTT Emergency Hot Mic Duration

When and where to use:
Follow this procedure to set PTT emergency hot mic duration on your device.

Procedure:

1 From the **PSX PTT** main window, tap ⋮ → **Settings** → .
2 Tap **Hot Mic Duration** and type "# of minutes" in field.

4.1.8
Setting PSX PTT Emergency Hot Mic Frequency

When and where to use:
Follow this procedure to set PTT emergency hot mic frequency on your device.

Procedure:

1 From the **PSX PTT** main window, tap ⋮ → **Settings** → .
2 Tap **Hot Mic frequency** and type "# of seconds" in field.

4.2
Administration of PSX PTT Personal Contacts

Users can add personal (individual) contacts and save them in the PTT contact list in the device.

📝 **NOTICE:** Enterprise contacts are controlled by an agency administrator and added to the device. Users cannot edit or delete enterprise contacts.

4.2.1
Adding a PSX PTT Personal Contact

Prerequisites: User must obtain the name, Push-to-Talk (PTT) email address, and PTT number of the contact from an agency administrator.

When and where to use: Perform this procedure to add a personal contact to the contact list.

Procedure:

1 From the **PSX PTT** main screen, tap **Contacts** .

2 From the **Bottom Action** bar, tap **Add Contact** .

3 From the **Add new contact** window complete the following:

- In the **Name** field, type the name of the contact. Last name first and first name last.
- In the **PTT** field, type the PTT number.

> **NOTICE:** The PTT ID must be "xxx-xxx-xxxx" and between 3-16 digits.

4 Tap .

4.2.2
Editing a PSX PTT Personal Contact

When and where to use: Perform this procedure to edit a PSX PTT personal contact.

Procedure:

1 From the **PSX PTT** main screen, tap .

2 In **Contacts**, search for the required name and tap on the you want to edit. Do not tap the group name.

3 From the drop-down **Menu** .

4 Tap **Edit** and update the appropriate fields.

5 Tap **Done**.

4.2.3
Deleting a PSX PTT Personal Contact

When and where to use: Perform this procedure to delete a PSX PTT personal contact.

Procedure:

1 From the **PSX PTT** main screen, tap **Contacts** .

2 Tap on the contact avatar you want to delete.

3 From the drop-down **Menu** , tap **Delete → OK**. The contact is deleted.

4 Tap **Done**.

4.2.4
Creating a PSX PTT Personal Contact from an Enterpise Contact

NEW PROCEDURE - NEED CLIENT TO BUILD

When and where to use: Perform this procedure to create a personal contact from an enterprise contact.
Context for the current task

Procedure:

Search Enterprise contact....do they look different?

4.2.5
Turning PTT Contacts and Groups Synchronization On and Off

When and where to use:
Perform this procedure to synchronize the PTT contacts and groups to the Android people list. Synchronizing can be automatic by leaving synchronization turned on.

NOTICE: Synchronization does not add Android information to the PTT contacts and groups.

Procedure:

1 From the device **Home** screen, tap the **All Apps** button.

2 Tap **Settings → Accounts → PSX PTT**.

3 Perform one of the following:

- For automatic synchronization, from the **PSX PTT** window, slide the **Contact** switch to on.

- To turn off automatic synchronization, from the **PSX PTT** window, slide the **Contact** switch to off.

- To manually sync, from the drop-down menu tap **Sync now**.

4.3
Administration of PSX PTT Personal Groups

Users can add personal groups and save them in the PTT talkgroup list on the device. The handheld user who defines the PSX PTT personal group can only initiate a PSX PTT call to that personal group. Group members can receive and talk during the PSX PTT personal group call, but group members cannot initiate a new PTT call back to the group.

A personal group is available in the user group list if logged into another device.

The status of a PSX PTT personal group is determined by the status of the members. The Personal Group status is:

- `Available` if at least two members of the group are available.

- `Offline` if all the group members are offline or PTT client is offline.

4.3.1
Adding a PSX PTT Personal Group

When and where to use:
Perform this procedure to add a PSX PTT personal group.

Procedure:

1 From the **PSX PTT** main screen, tap **Contacts** .

2 Tap .

3 From the **Individuals** window, check the contact check box to add to the group.

   Contacts can be added to the group even if the status of the contact is Offline. Use the **Search** icon to find the contacts.

4 Tap **Save** icon.

   The **Create Group** screen displays.

5 In the **Enter A Name For This Group** field, type the group name. The length of the group name is limited to 25 characters.

6 Tap **SAVE** or **CANCEL** to return to the **Individual** window.

7 Tap **Done**.

   A new personal group is created.

4.3.2
Deleting a PSX PTT Personal Group

When and where to use:
Perform this procedure to delete a PSX PTT personal group.

Procedure:

1 From the **PSX PTT** main screen, tap **Contacts** . You are presented with a PSX PTT Calling Contacts list.

2 In **Contacts**, search for the required name and tap on the you want to delete. Do not tap the group name.

3 From the drop-down menu , tap **Delete → OK**.

4.3.3
Editing a PSX PTT Personal Group

When and where to use:
Perform this procedure to edit a PSX PTT personal group. A user can modify the group name or change the group membership.

Procedure:

1 From the **PSX PTT** main screen, tap **Contacts** .

2 In **Contacts**, search for the required name and tap on the you want to edit. Do not tap the group name.

3 From the drop-down menu , tap **Edit**.

4 Make the edits and tap .

4.3.4
Turning On PTT Talkgroups

When and where to use:
Perform this procedure to run on talkgroups. Talkgroups are turned on by default and must remain on to communicate with a selected group. All talkgroups are turned on or off at the same time.

> **NOTICE:** When the talkgroups are off, tapping any talkgroup in the **Talkgroups** screen automatically turns the talkgroups on and selects that talkgroup.

Procedure:

1 From the **PSX PTT** main screen, tap **TalkGroups**.

2 From the drop-down menu, tap **Turn on Talkgroups**.

4.3.5
Turning Off PTT Talkgroups

When and where to use:
Perform this procedure to turn off the talkgroups. Talkgroups are turned on by default. Turn off talkgroups to stop scanning and communicating with the groups. All talkgroups are turned off or on at the same time.

Procedure:

1 From the **PSX PTT** screen, tap **TalkGroups**.

2 From the drop-down menu, tap **Turn off Talkgroups**.

4.4
Administration of PSX PTT Enterprise Talkgroups

Talkgroups are turned on by default and must remain on to communicate with a selected group. All talkgroups are turned on and off at the same time. When talkgroups are off, tapping any talkgroup in the **Talkgroups** screen automatically turns the talkgroups on and selects that talkgroup.

Since talkgroups automatically turn on by default, if the user wants to turn on or turn off talkgroups manually, see:

4.4.1
Turning On PTT Talkgroups

When and where to use:
Perform this procedure to run on talkgroups. Talkgroups are turned on by default and must remain on to communicate with a selected group. All talkgroups are turned on or off at the same time.

> **NOTICE:** When the talkgroups are off, tapping any talkgroup in the **Talkgroups** screen automatically turns the talkgroups on and selects that talkgroup.

Procedure:

1 From the **PSX PTT** main screen, tap **TalkGroups**.

2 From the drop-down menu, tap **Turn on Talkgroups**.

4.4.2
Turning Off PTT Talkgroups

When and where to use:
Perform this procedure to turn off the talkgroups. Talkgroups are turned on by default. Turn off talkgroups to stop scanning and communicating with the groups. All talkgroups are turned off or on at the same time.

Procedure:

1 From the **PSX PTT** screen, tap **TalkGroups**.

2 From the drop-down menu, tap **Turn off Talkgroups**.

4.5
Administration of PSX PTT Group Affiliation Scan Lists

Talkgroup scan enables handheld users to monitor and scan group traffic and place group calls across the system. Talkgroups are defined and managed by an agency administrator and talkgroup scan lists are managed by the device user.

4.5.1
Managing PSX PTT Group Affiliation Scan Lists

Scan lists are created for any talkgroup and more than one talkgroup can have a scan list at the same time, however a talkgroup can only have one list. A talkgroup that has a list is called a priority talkgroup. The members of a scan list are other talkgroups and may contain both secure and

nonsecure talkgroups. The user decides which talkgroups have a scan list and which talkgroups are members of the list. The user creates, deletes, and edits group affiliation scan lists.

Prerequisites: Group affliation scan lists are created, see Signing into PSX PTT through PSX Cockpit on page 19.

When and where to use:
If available, user can manage PSX PTT group affiliation scan lists from PSX Cockpit client. Use this procedure to add, edit, or delete group affliliation scan lists on the PSX PTT client. Each scan list will have a designated Primary talkgroup. Scan lists are not visible to other users on shared devices.
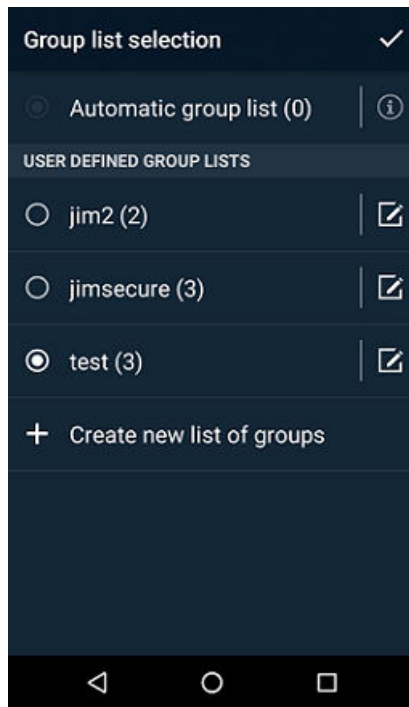
Procedure:

1 From the **PSX PTT** screen, tap .

2 Tap → **Group List Selection**. You are presented with the an Affiliation Group scan list.

   Figure 16: Group List Affiliation

3 From the **User Defined Group Lists** field, create, edit, or delete group scan lists. Complete one of the following actions:

If…	Then…
If you want to create new group affiliation scan lists,	perform the following actions: **a** Tap **+ Create New List of Groups**. **b** Select talkgroups to add to the group scan list and tap .

If…	Then…
	✏️ **NOTICE:** Up to ten talkgroups in each group scan list with a total of ten group scan lists available.

If you want to edit group affiliation scan lists,	perform the following actions:
	
	a From **User Defined Group Lists** tap ✏️ next to group scan list.
	
	b In the **Edit Group List window**:
	
	  • Tap ✖️ to remove talkgroups from the group scan list.
	
	  • Tap ➕ to add talkgroups to the group scan list.

If you want to delete group affiliation scan lists,	perform the following actions: a From **User Defined Group Lists** tap ✏️ next to group scan list. b In the **Edit Group List window** tap 🗑️ to delete the group scan list.

4 Tap **Save** or **Cancel** to return to the previous screen.

4.5.2
Changing PSX PTT Primary Talkgroup for Group Affliation Scan Lists

The user can have access to many talkgroups but activity can be monitored only for one talkgroup at a time and is referred to as the priority talkgroup. If there is a call for a monitored talkgroup, the user hears the call however if that call is not monitored the user will not hear that call. The user can change the monitored talkgroup at any time.

Prerequisites: Group affliation scan lists are created, see PSX Push-to-Talk Client Start Up Using PSX Cockpit on page 19.

When and where to use:
If available, use this procedure to change the priority talkgroup for the group affliation scan list from the PSX PTT client.

Procedure:
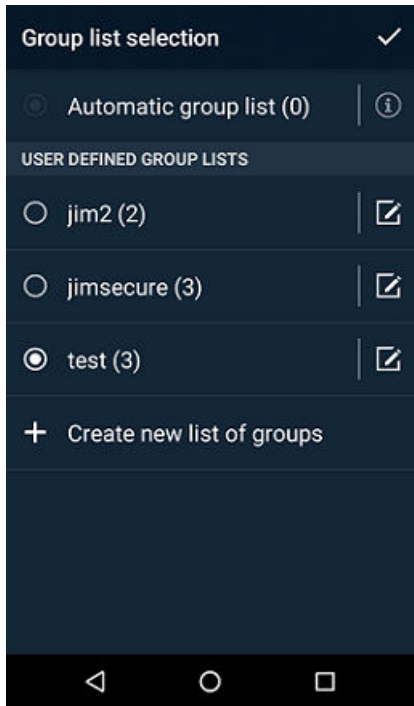
1 From the **PSX PTT** screen, tap 📻.

2 Tap ⋮ → **Group List Selection**. You are presented with the an Affiliation Group scan list.

3 From the **User Defined Group Lists**, select a group scan list to view. Up to ten groups from the scan list are shown on the **PSX PTT** main screen.

4 Tap ✓.

4.5.3
Turning PSX PTT Scan On and Off for Group Affiliation Scan Lists

PSX PTT talkgroup scan enables users to monitor and scan group traffic and place group calls across the system. Talkgroups are defined and managed by a system administrator and talkgroup scan lists are managed by the device user.

When and where to use:
Perform this procedure to turn scanning on to auto-join calls from the talkgroups in the scan list or to turn scanning off. When scanning is off, primary talkgroup calls are still automatically joined.

Procedure:

1 From the **PSX PTT** screen, tap .

2 Tap a talkgroup.

3 Tap the **Scan** icon.

Tapping the icon toggles the scanning state between on and off. Scanning is on when the icon is bright. Scanning is off when the icon is dim.

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