

# Programming Call List and Profile in MDC

## F3400/F5400 and F52D Series

### Introduction

This document shows how to program the Call List with MDC frequencies. Once the Call List is created, you can use it to create the Analog\_MDC\_Profile List, which allows you to assign that profile to the appropriate channels.

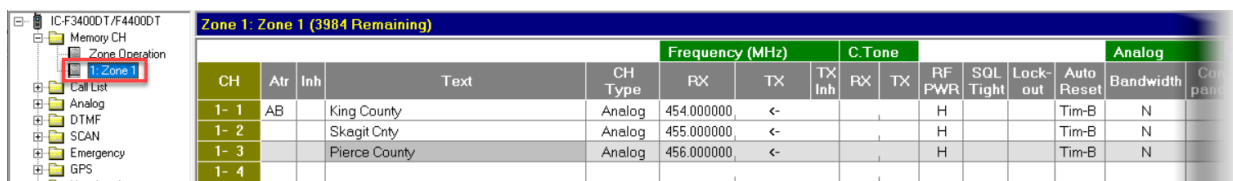
Assumption: Radio Model and Options are already entered as well as this radio's Individual ID.

### Programming

Program in the following order:

1. **Zone 1 Screen:** Enter frequencies, text, and CTCSS codes.
2. **Call List:** List all potential MDC call ID's, both Group and Individual.
3. **Analog-MDC-System:** Enter the MDC system parameters in the same manner as in legacy MDC radios.
4. **Analog Profile:** Leave at default.
5. **Return to Zone 1 Screen:** Assign the proper Analog-Profile (System) number as entered in the MDC System window. The System-Profile field is left as default.

### Zone 1



Zone 1: Zone 1 (3984 Remaining)																
CH	Atr	Inh	Text	CH Type	Frequency (MHz)			C.Tone			Analog					
					RX	TX	TX Inh	RX	TX	RF PWR	SOL Tight	Lock-out	Auto Reset	Bandwidth	Comp	
1- 1	AB		King County	Analog	454.000000		<-				H			Tim-B	N	
1- 2			Skagit Cnty	Analog	455.000000		<-				H			Tim-B	N	
1- 3			Pierce County	Analog	456.000000		<-				H			Tim-B	N	
1- 4																

Setting	Action
Text	Enter descriptive text for each channel.
Ch Type	Select <b>Analog</b> for Analog operation.
Frequency	Enter RX and TX frequencies.
C.Tone	Enter desired CTCSS codes.
Bandwidth	Select <b>N</b> for Narrow.

CH	Lock-out	Auto Reset	Bandwidth	Com-pander	System Profile	Signal	Analog Profile
1- 1		Tim-B	N		1:	MDC	System 1
1- 2		Tim-B	N		1:	MDC	System 1
1- 3		Tim-B	N		1:	MDC	System 1
1- 4							

Setting	Action
<b>System profile</b>	Leave at default. This setting will not be used if MDC is selected in the Signal field.
<b>Signal</b>	Set to <b>MDC</b> if MDC calling will be done by this radio.
<b>Analog Profile</b>	Leave at Default.

### Call List

This screen contains channel Call Types and ID's along with any target ID's. Note that the first line contains another MDC *Group* number that this radio may want to call. The other 3 ID's are individual persons who can be called selectively.

No.	Name	Ringer Type	Vibration Type	Call Type	MDC		Common	
					ID	Strip CTCSS/DTCS	Sel	Index
1	All	Null	Null	GRP	E123	OFF	ON	1
2	John	Null	Null	IND	1234	OFF	ON	2
3	Paul	Null	Null	IND	1235	OFF	ON	3
4	George	Null	Null	IND	1236	OFF	ON	4
New								

Setting	Action
<b>Name</b>	Enter a descriptive name for each group or individual in the <b>Call List</b> .
<b>Ringer or Vibration Type</b>	Set to <b>Enable</b> .
<b>Call Type</b>	Enter the appropriate <b>Call Type</b> for this specific MDC reception.
<b>ID</b>	Enter Group ID(s) if used for selective calling. Note: Group ID's in this field begin with an <b>E</b> and have 3 digits after that.
<b>Strip CTCSS/DTCS</b>	Enabling this setting allows the radio to decode these ID's in the absence of the correct CTCSS or DTCS tones.
<b>Sel</b>	Enable or disable each ID for the ability to select each tone set from the radio Display Menu.
<b>Index</b>	Index determines the sequence that each ID will appear on the display.

### Analog-MDC-System

These windows are programmed as described in documents such as *MDC Quick Reference Programming Tutorials* and *MDC 1200 Programming Guide 3<sup>rd</sup> Edition*. These documents are available in the Knowledge Base.

Note: This radio's individual and Group MDC ID's are entered in the MDC **General** field.

System No.	General	PTTID	Emg	SelCall	Call Alert	Radio Check	Stun	Revive	Status	Message
1	Gen 1	PTTID 1	Emg 1	SelCall 1	Call Alert 1	Radio Check 1	Stun 1	Revive 1	Status 1	Message 1
2	Gen 2	PTTID 2	Emg 2	SelCall 2	Call Alert 2	Radio Check 2	Stun 2	Revive 2	Status 2	Message 2
3	Gen 3	PTTID 3	Emg 3	SelCall 3	Call Alert 3	Radio Check 3	Stun 3	Revive 3	Status 3	Message 3
4	Gen 4	PTTID 4	Emg 4	SelCall 4	Call Alert 4	Radio Check 4	Stun 4	Revive 4	Status 4	Message 4
5	Gen 5	PTTID 5	Emg 5	SelCall 5	Call Alert 5	Radio Check 5	Stun 5	Revive 5	Status 5	Message 5

### Return to Zone 1 Window

Return to Zone 1 window to add Analog (System) Profiles.

CH	System Profile	Signal	Analog Profile	Scan List
1- 1	1:	MDC	System 1	
1- 2	1:	MDC	System 1	
1- 3	1:	MDC	System 1	
1- 4				
1- 5				
1- 6				
1- 7				

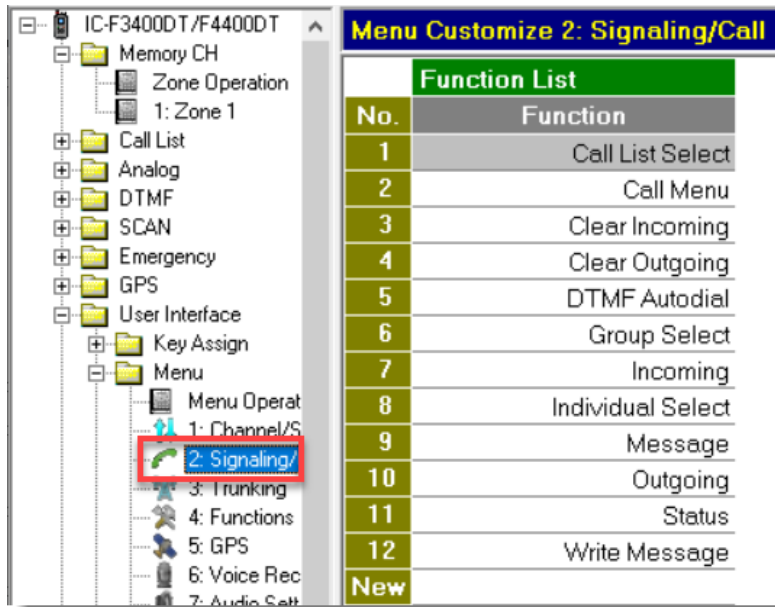
System No.	General	PTTID	Emg	SelCall	Call Alert	Radio Check	Stun	Revive	Status	Message
1	Gen 1	PTTID 1	Emg 1	SelCall 1	Call Alert 1	Radio Check 1	Stun 1	Revive 1	Status 1	Message 1

#### Setting

#### Action

<b>System Profile</b>	This field is left blank when MDC is selected in the Signal field.
<b>Analog Profile</b>	Select the applicable MDC System in the Analog Profile field. Different channels can have different Systems assigned.

### Key or Menu Assignments



Different Key/Menu selections allow you to selectively call certain radio ID's as listed in the Call List.

Setting	Action
<b>Call List Select</b>	Access the entire <b>Call List</b> of radio ID's for selective calls.
<b>Group Select</b>	Access the Group ID's within the <b>Call List</b> for an individual group in the call list.
<b>Individual Select</b>	Access the Individual ID's within the <b>Call List</b> for selective calls.