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Motorola CPS Software is Your Friend

(no, no, really it is, now that it is GUI)

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Instructor Introduction

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Federal Emergency Management Agency

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Course Introduction

Overview fo CPS (Customer Programming Software)

Objectives:

- Gain a working knowledge of the most important parts of the hardware and software
- Ability to write and modify .CPG files for the radio type and situation
- Comfortable using the CPS software and solving problems using the CPS help

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A radio is a radio is a radio but radios are people too

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Help! And other helpful things

- Context sensitive
- What window you are in
- What question you ask
- What level you are on

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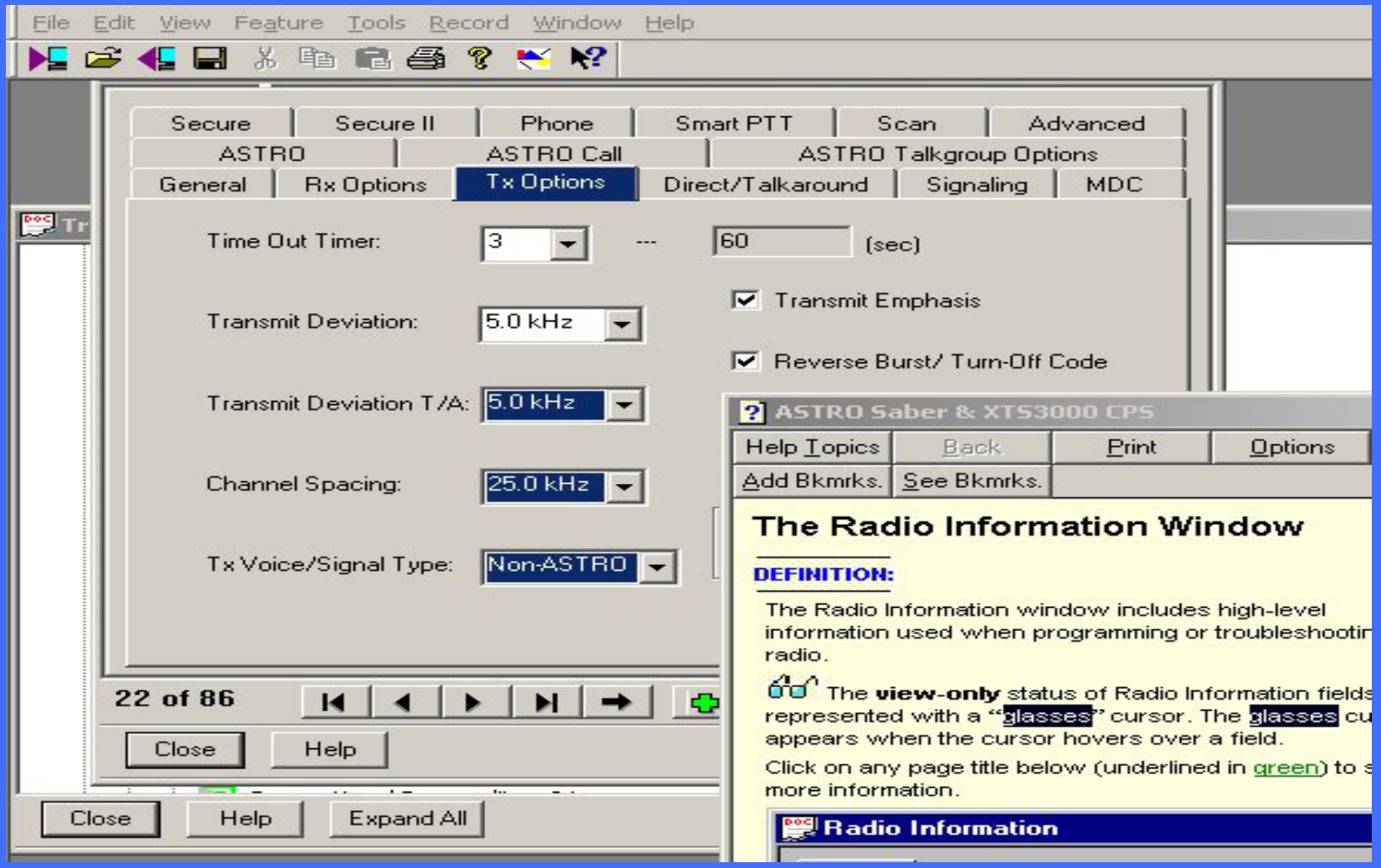
1st Help Example



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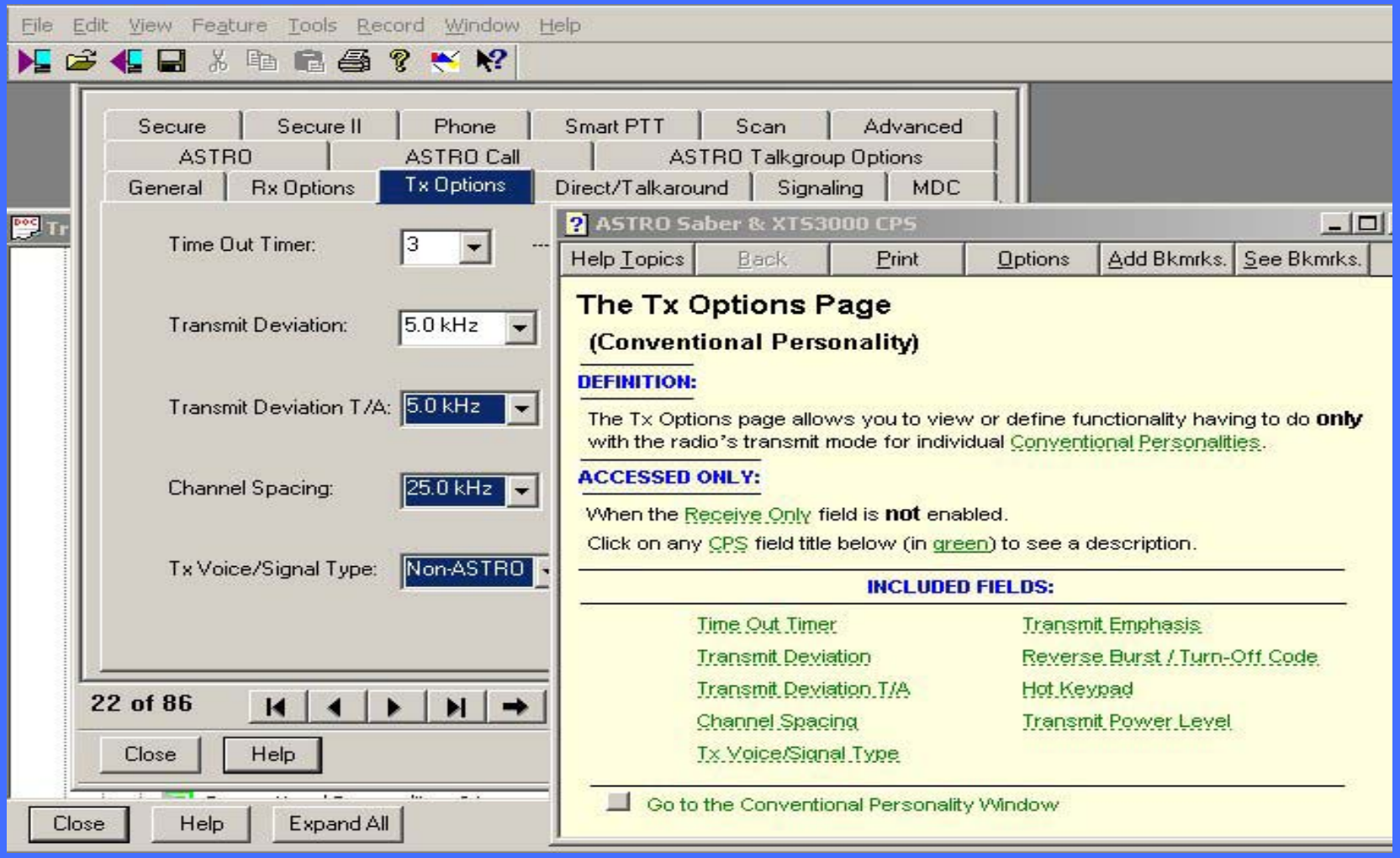
2nd Help Example



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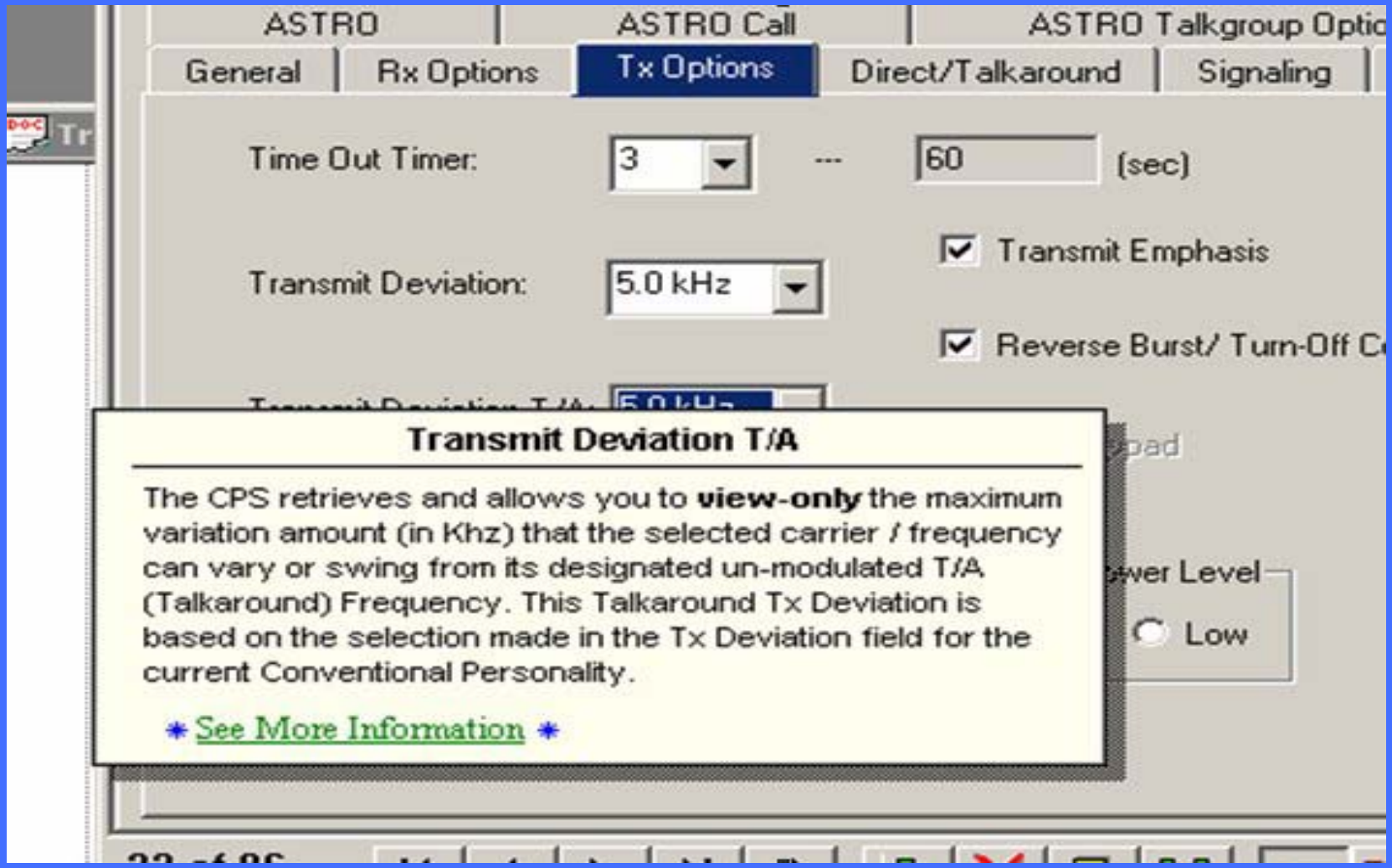
3rd Help Example



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You can get more information by signing up for online information at:

https://molcontactus.motorola.com/Member/admin/newmoluser/newtomol.asp

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SERVICE AND REPAIR NOTES

Bulletin

TECHNICAL INFORMATION /COMMERCIAL, GOVERNMENT & INDUSTRIAL SOLUTIONS SECTOR
8000 W. SUNRISE BLVD. / PLANTATION, FL 33322 /

SRN - 1362
APC - 749, 008
Feb. 2002

Memo To: SRN Mailing List

Deadline: December 31, 2002

From: Radio Product Division Plantation Florida

Subject: HT1250 LS+ fails to transmit with audio accessories

Symptoms:
HT1250 LS+ radio may exhibit Transmit Audio Loss when used with headset or remote speaker microphone.

Potential Problem Radios:
Model Numbers: AAH25RDH9DP5_N, AAH25RDH9DP6_N, AAH25SDH9DP5_N, AAH25SDH9DP6_N, AAH25RDH9DP5_NST, AAH25RDH9DP6_NST, AAH25SDH9DP5_NST, AAH25SDH9DP6_NST,

Serial Number Range: 749TBNxxxx thru 749TCBxxx and 008TBUxxxx thru 008TCBxxxx

Cause:
HT1250 LS+ radios have a new front shield design that eliminated the need for the ground clip attached to the main board shield SH303. During this change over a very limited quantity of radios with the original front cover shield, 4280498Z01 –A (See photo of original front cover shield below), escaped without the ground clip attached to SH303. If a customer experiences the symptom expressed in this bulletin please follow the corrective actions below.

Corrective Action:
Add the adhesive backed finger contacts part number 3980667Z01 to the SH303 shield as shown in photo below. Order replacement parts through Americas Aftermarket Parts Division. They can be contacted at **800-422-4210** or through **Motorola On Line** (www.businessonline.motorola.com).

This bulletin is informational only. No labor Warranty is intended or implied.

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Reading and writing is not arithmetic

- Old RIBs and new virtual modems
- Cables and connectors
- How to grow a tree
- What to do when the PC and radio are not on speaking terms.

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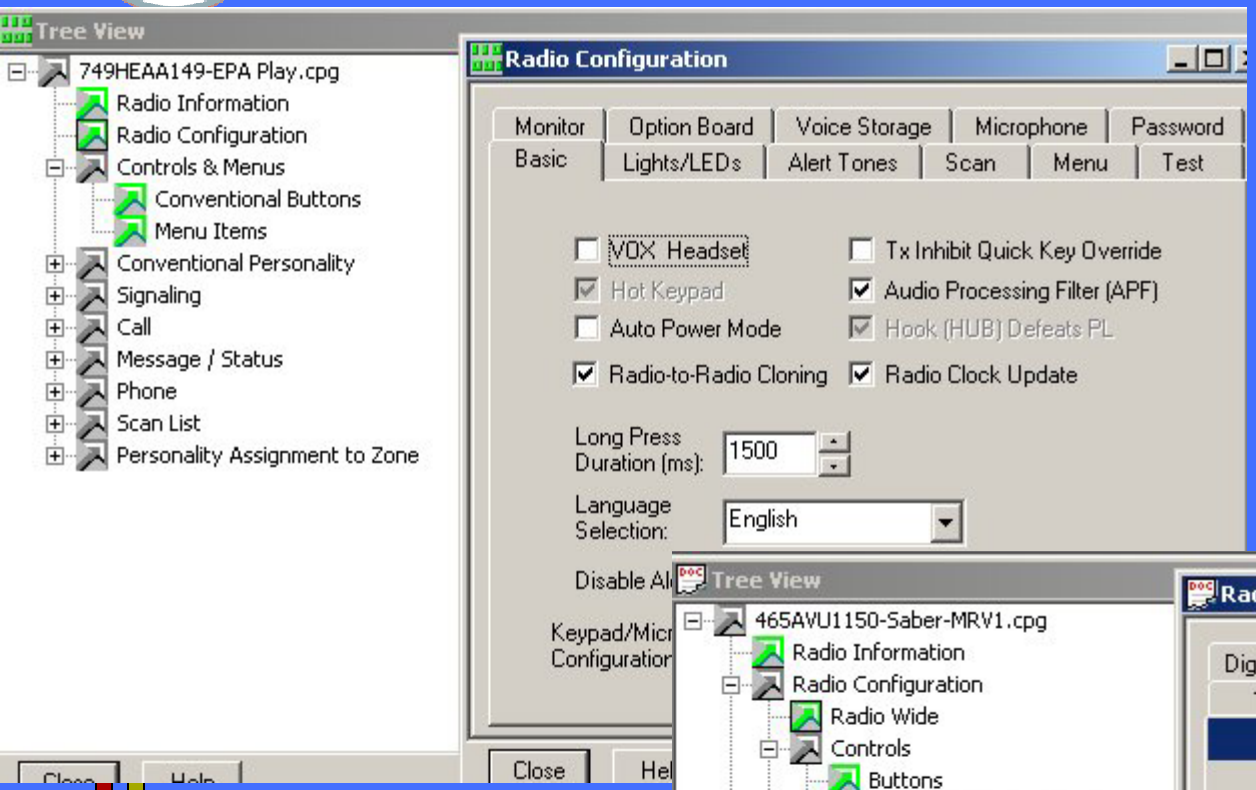
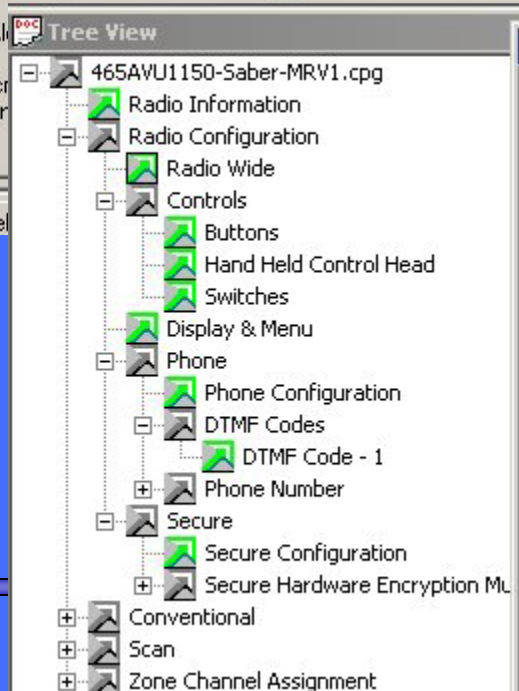
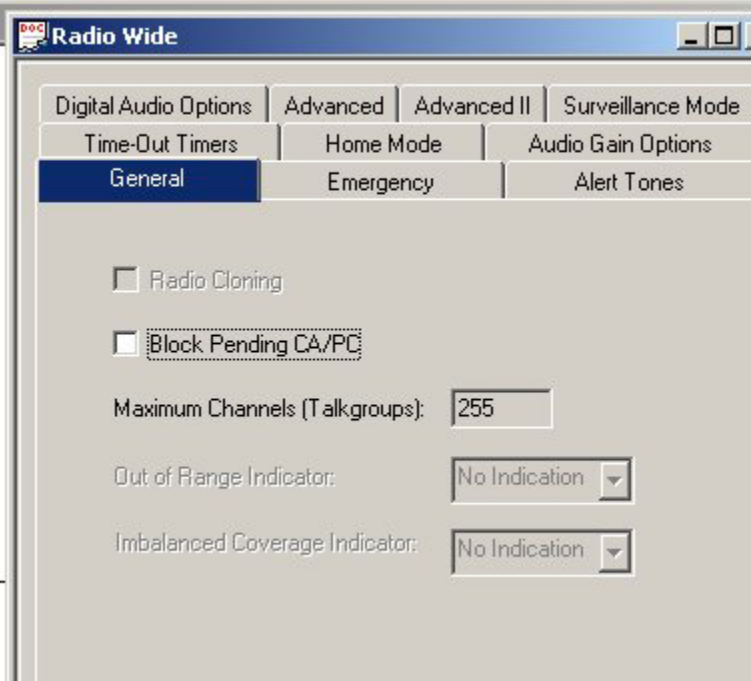
Radio configuration

- Radio wide options
- Buttons, knobs and switches – whatever (Controls)
- What are you looking at (Display and Menu)
- Phone home
- Secure or not secure, that is the question

FEMA Radio wide options







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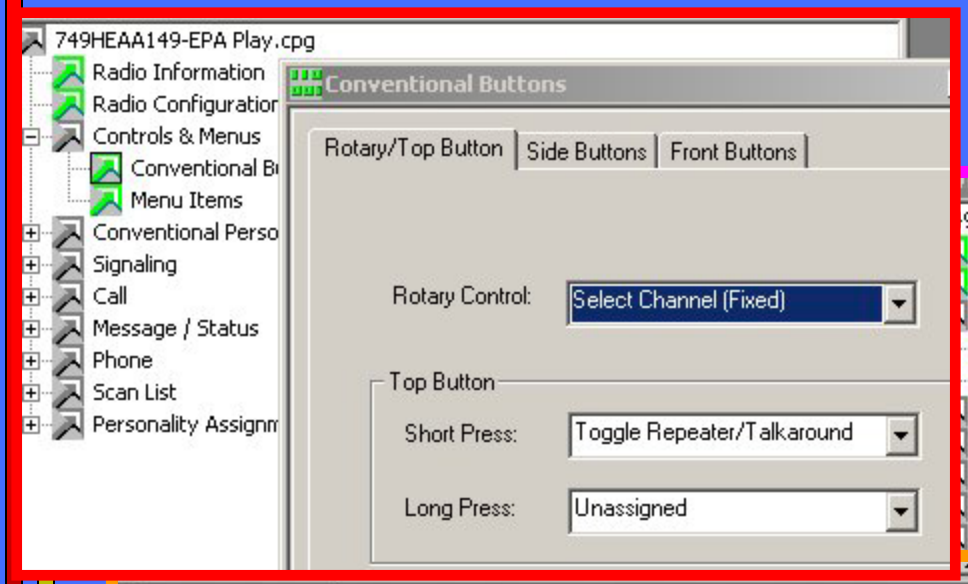
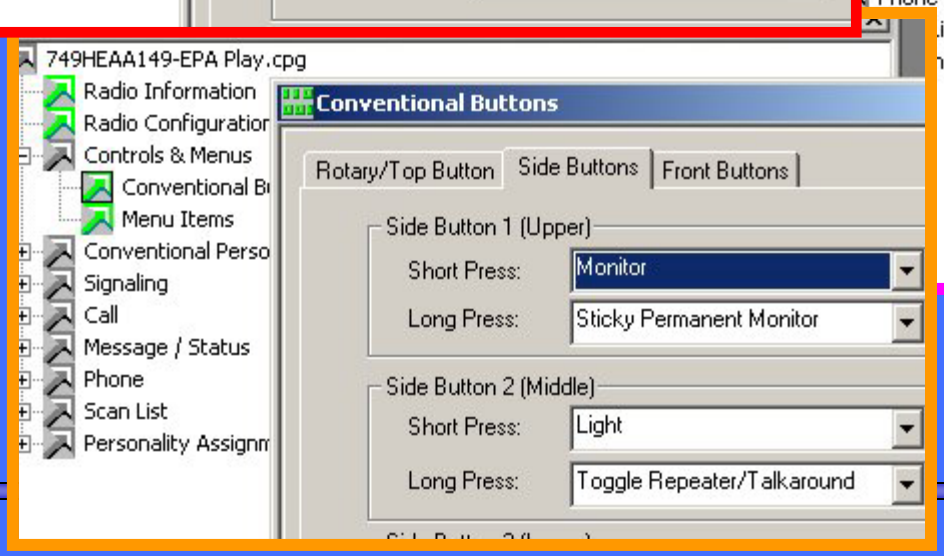
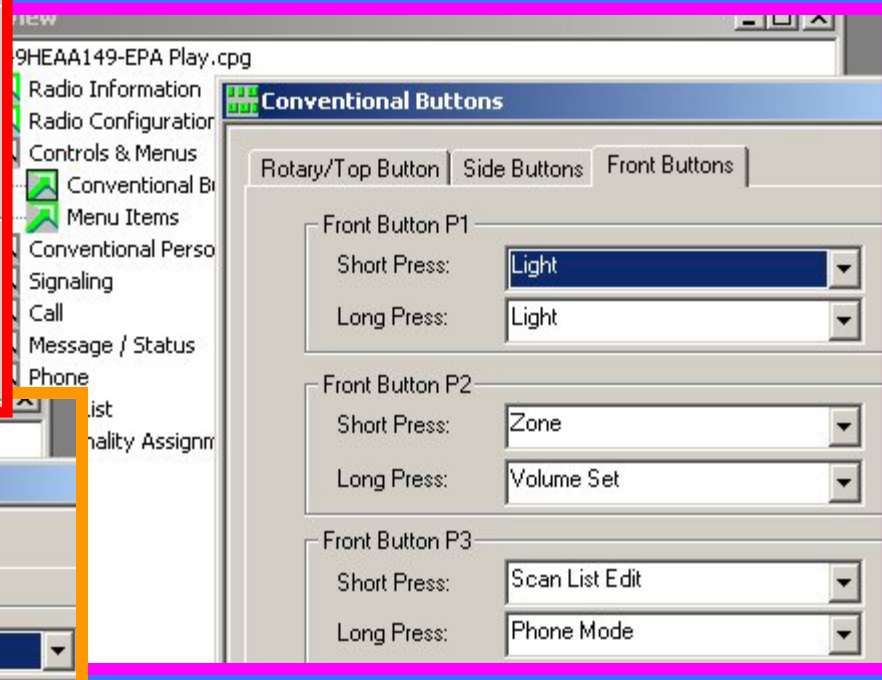
Buttons, knobs and switches – what ever (Controls)







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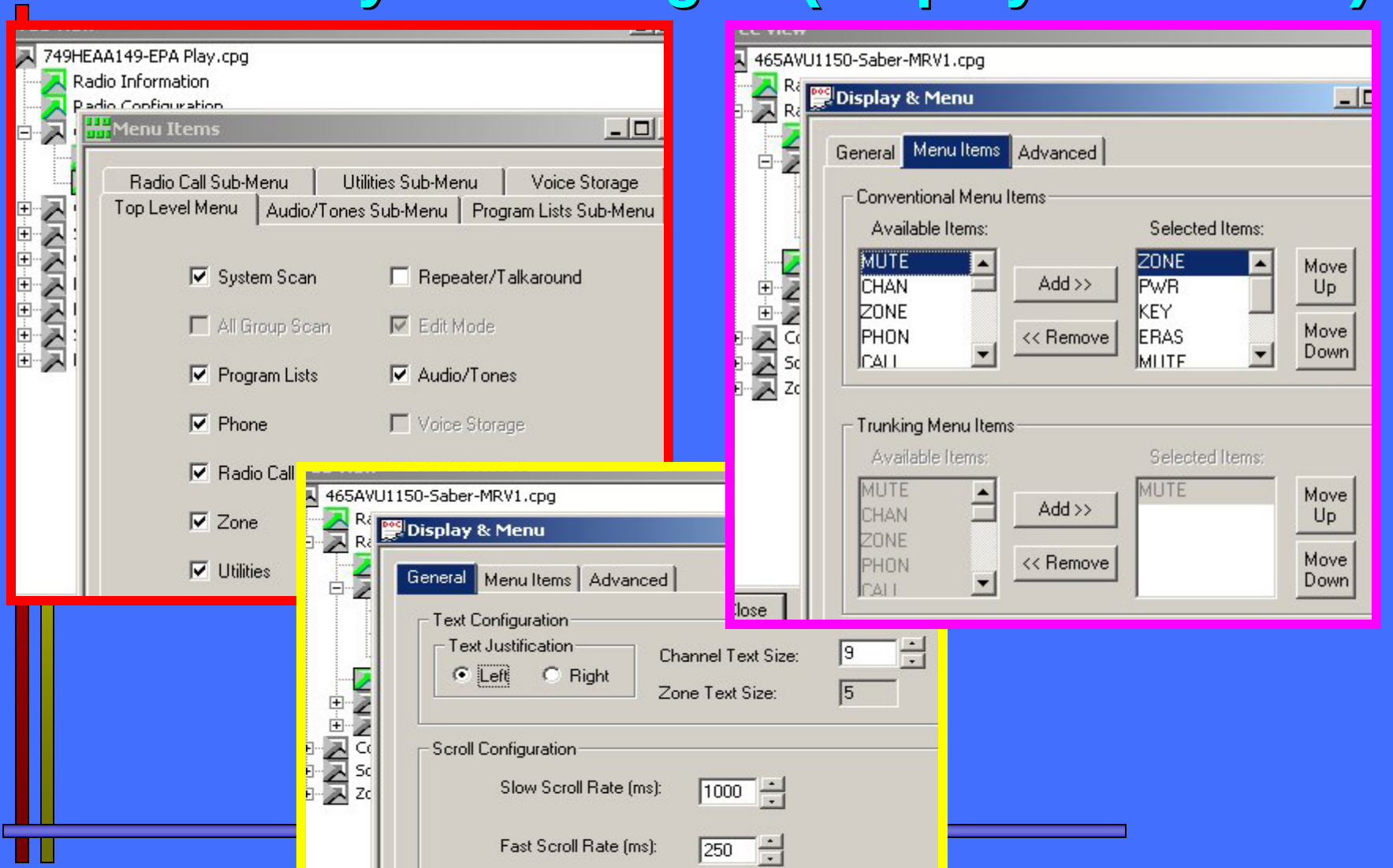
What are you looking at (Display and Menu)



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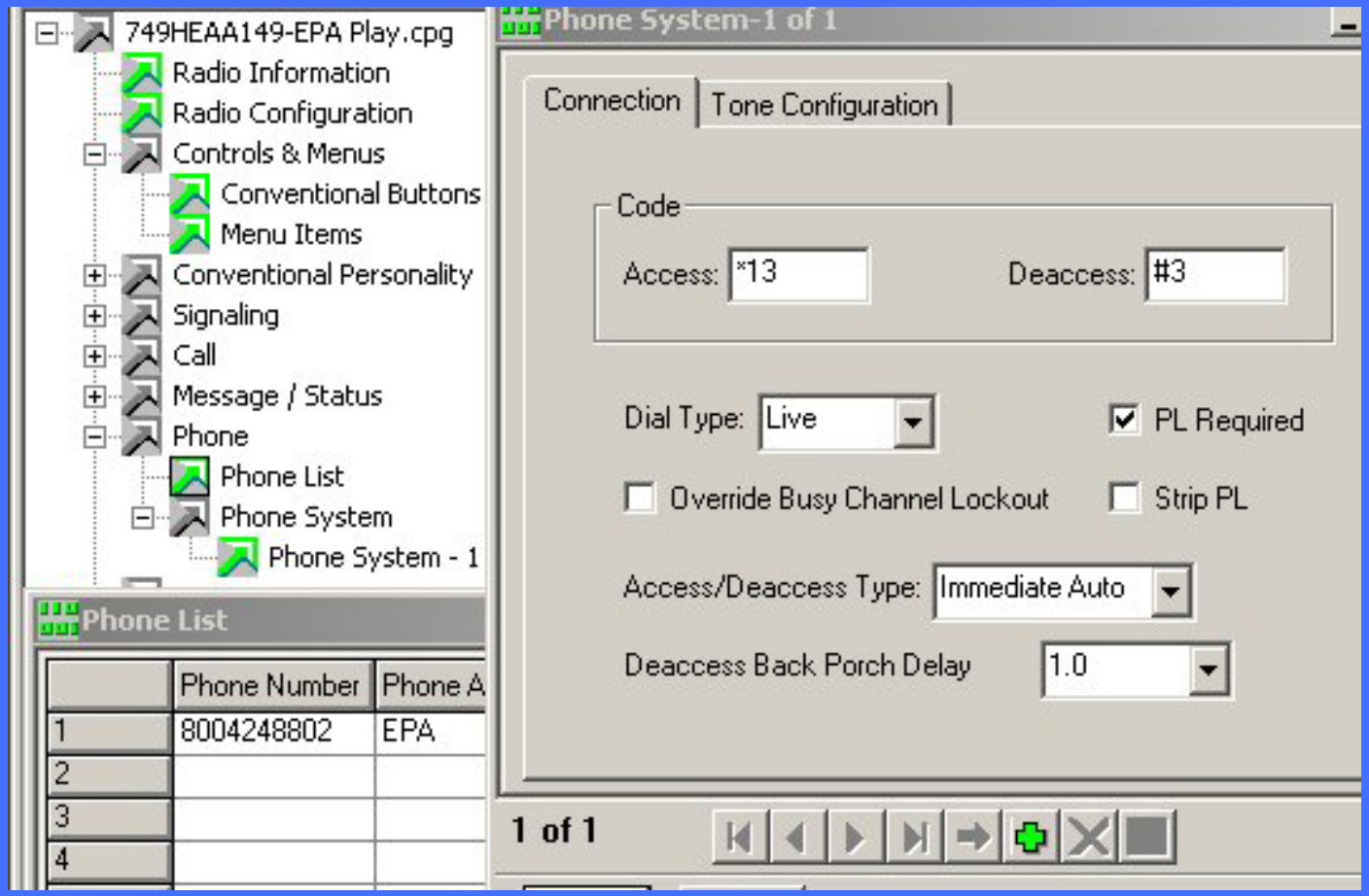
Phone Home



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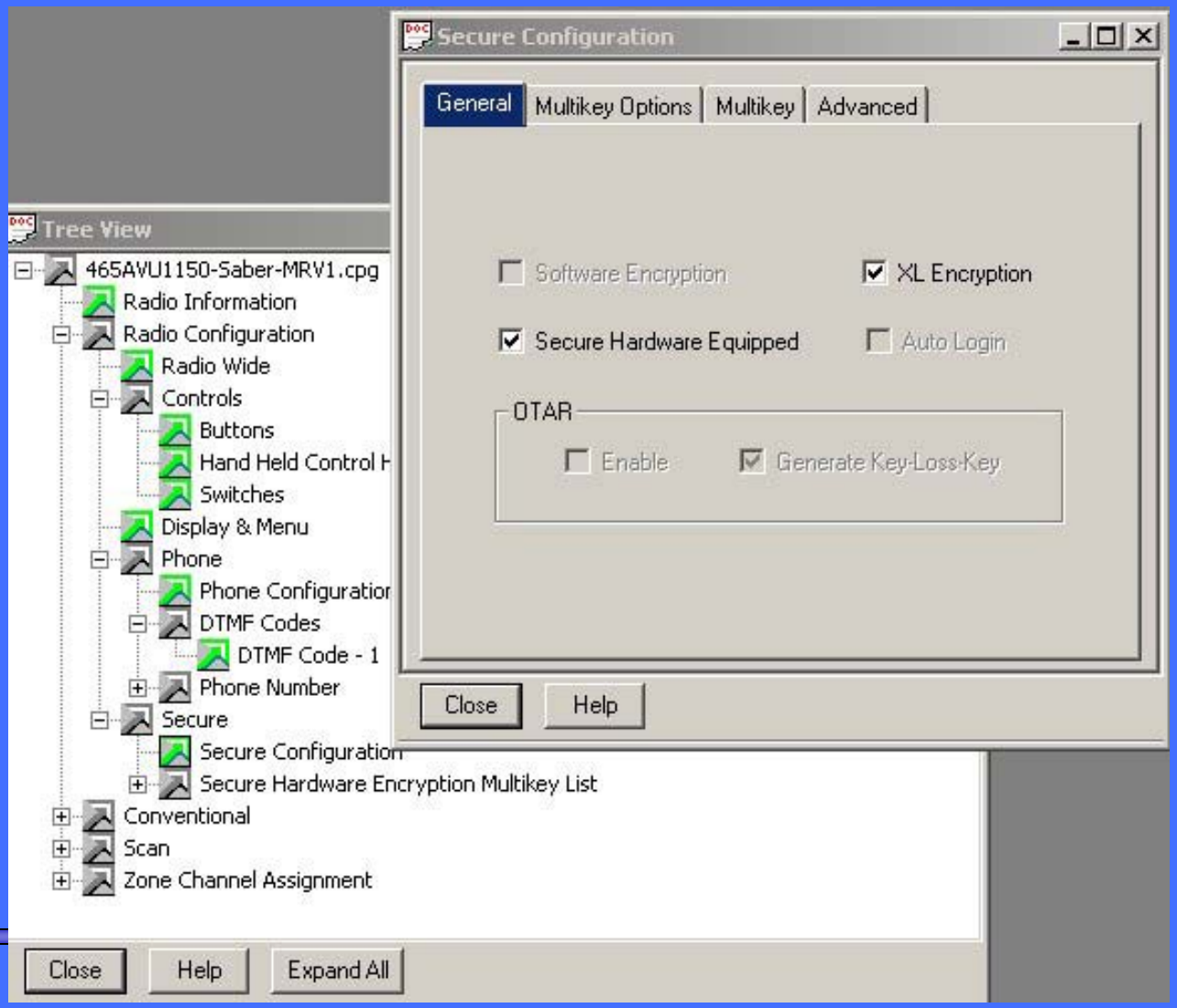
Secure or not secure that is the question



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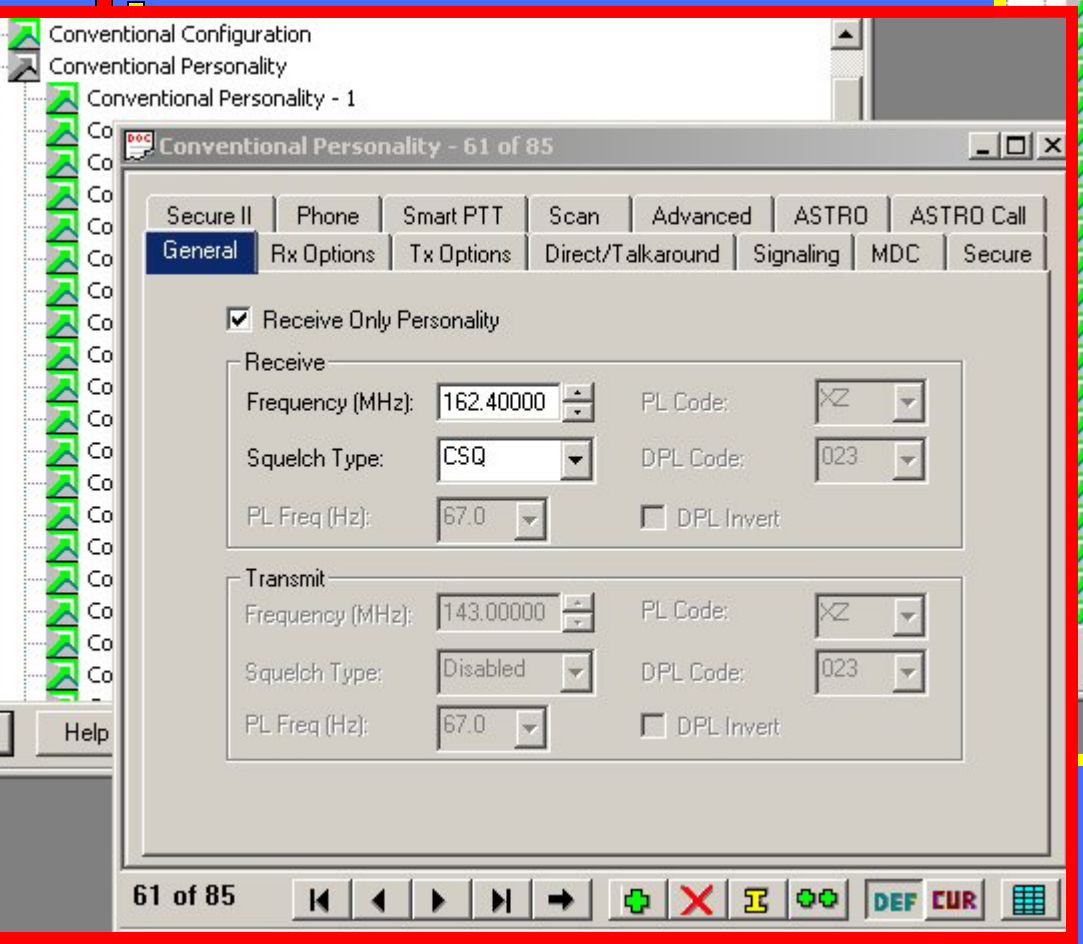
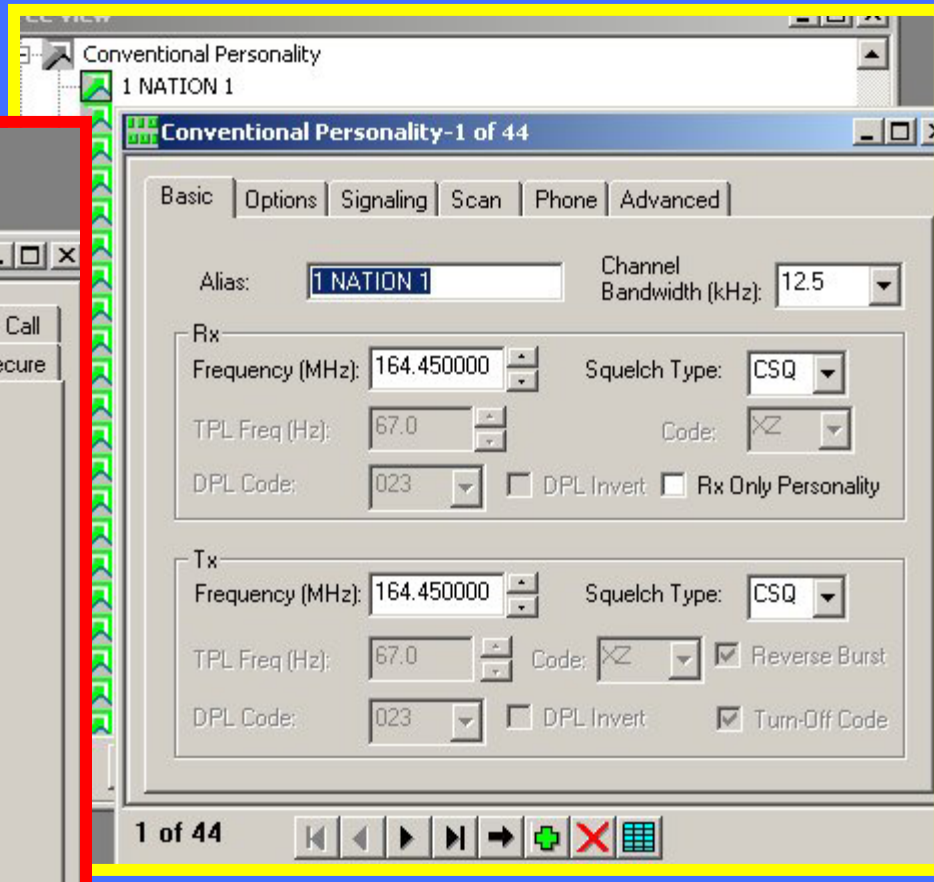
Personalities are not channels





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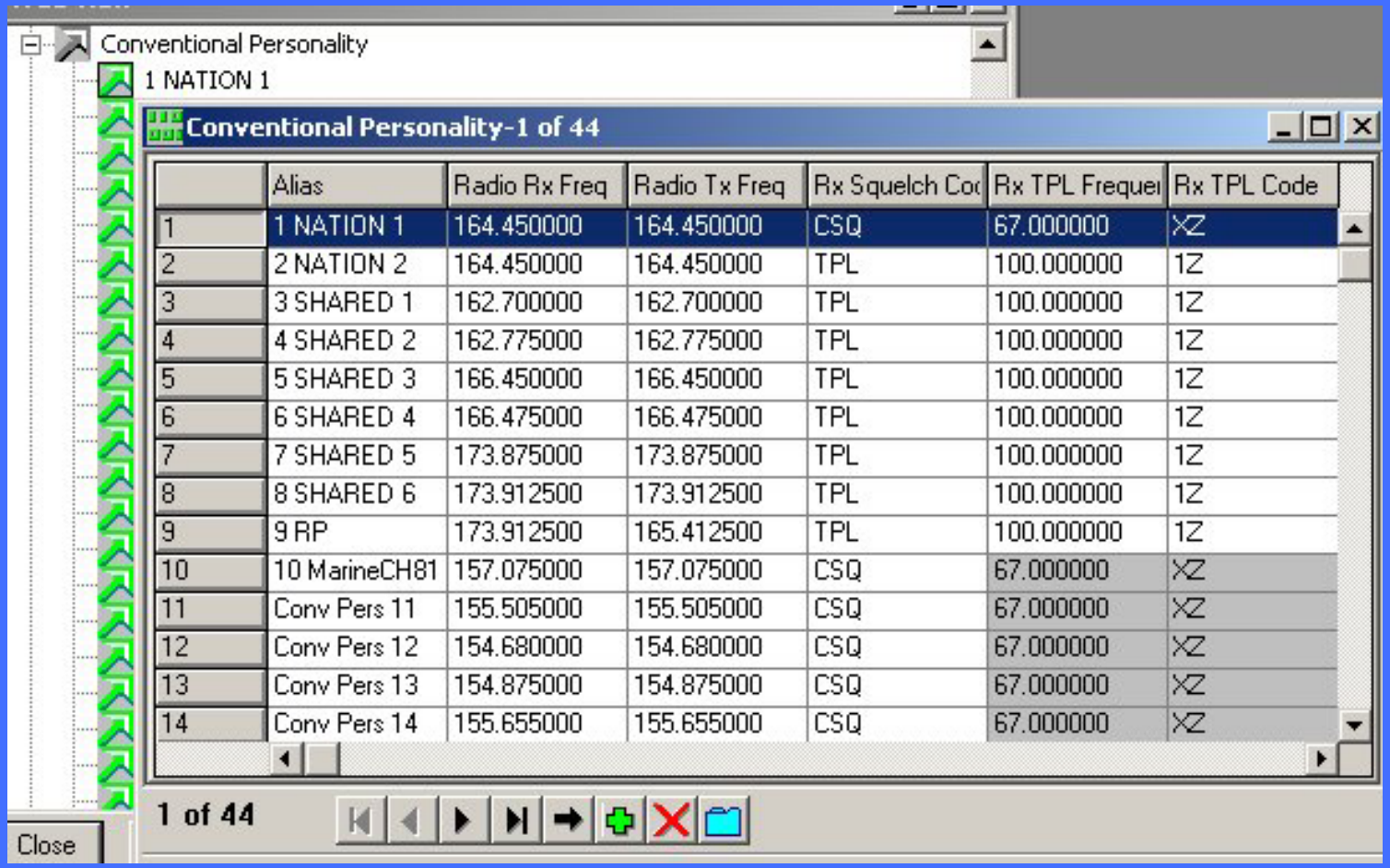

	Alias	Radio Rx Freq	Radio Tx Freq	Rx Squelch Co	Rx TPL Freque	Rx TPL Code
1	1 NATION 1	164.450000	164.450000	CSQ	67.000000	XZ
2	2 NATION 2	164.450000	164.450000	TPL	100.000000	1Z
3	3 SHARED 1	162.700000	162.700000	TPL	100.000000	1Z
4	4 SHARED 2	162.775000	162.775000	TPL	100.000000	1Z
5	5 SHARED 3	166.450000	166.450000	TPL	100.000000	1Z
6	6 SHARED 4	166.475000	166.475000	TPL	100.000000	1Z
7	7 SHARED 5	173.875000	173.875000	TPL	100.000000	1Z
8	8 SHARED 6	173.912500	173.912500	TPL	100.000000	1Z
9	9 RP	173.912500	165.412500	TPL	100.000000	1Z
10	10 MarineCH81	157.075000	157.075000	CSQ	67.000000	XZ
11	Conv Pers 11	155.505000	155.505000	CSQ	67.000000	XZ
12	Conv Pers 12	154.680000	154.680000	CSQ	67.000000	XZ
13	Conv Pers 13	154.875000	154.875000	CSQ	67.000000	XZ
14	Conv Pers 14	155.655000	155.655000	CSQ	67.000000	XZ

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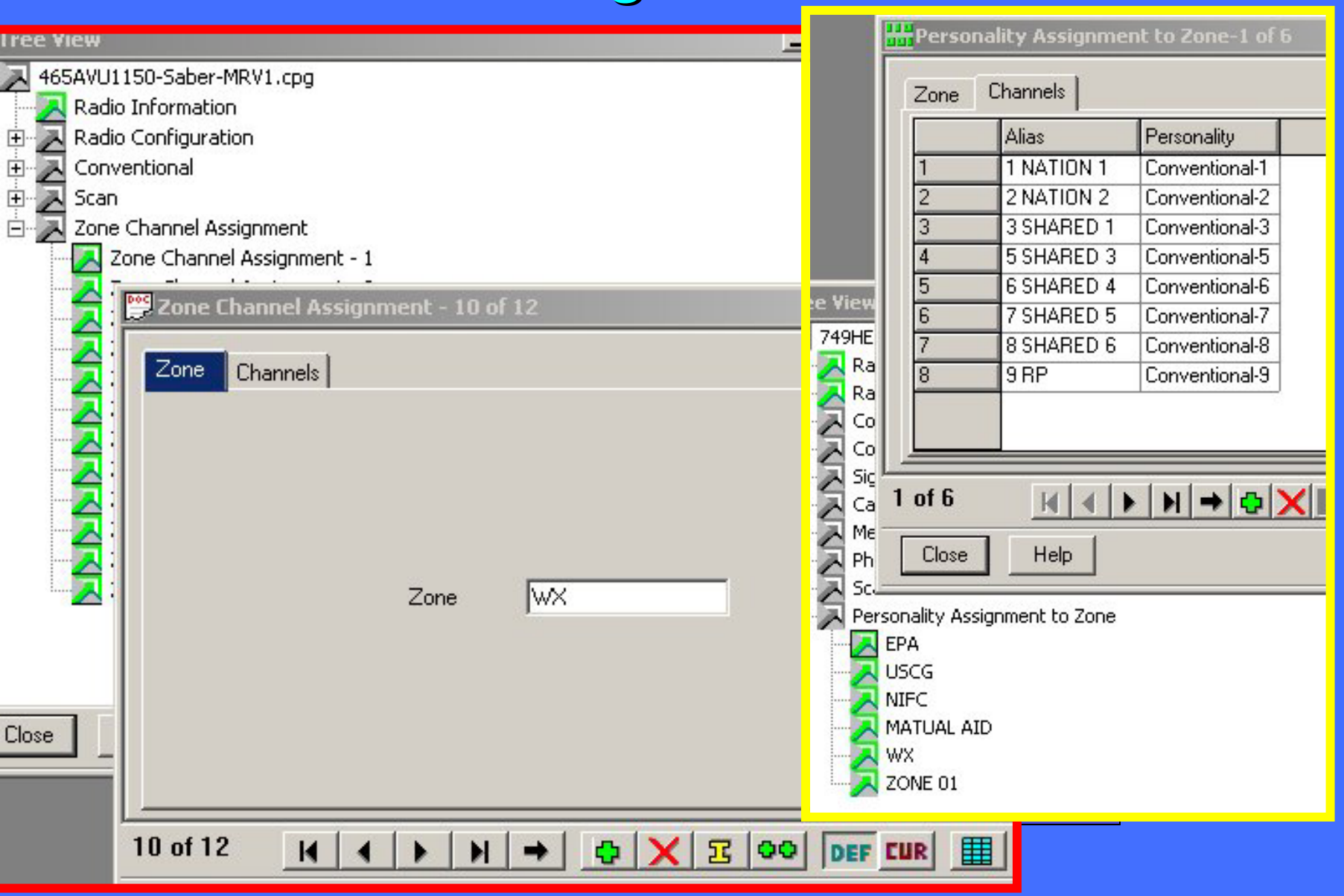
Getting in the Zone



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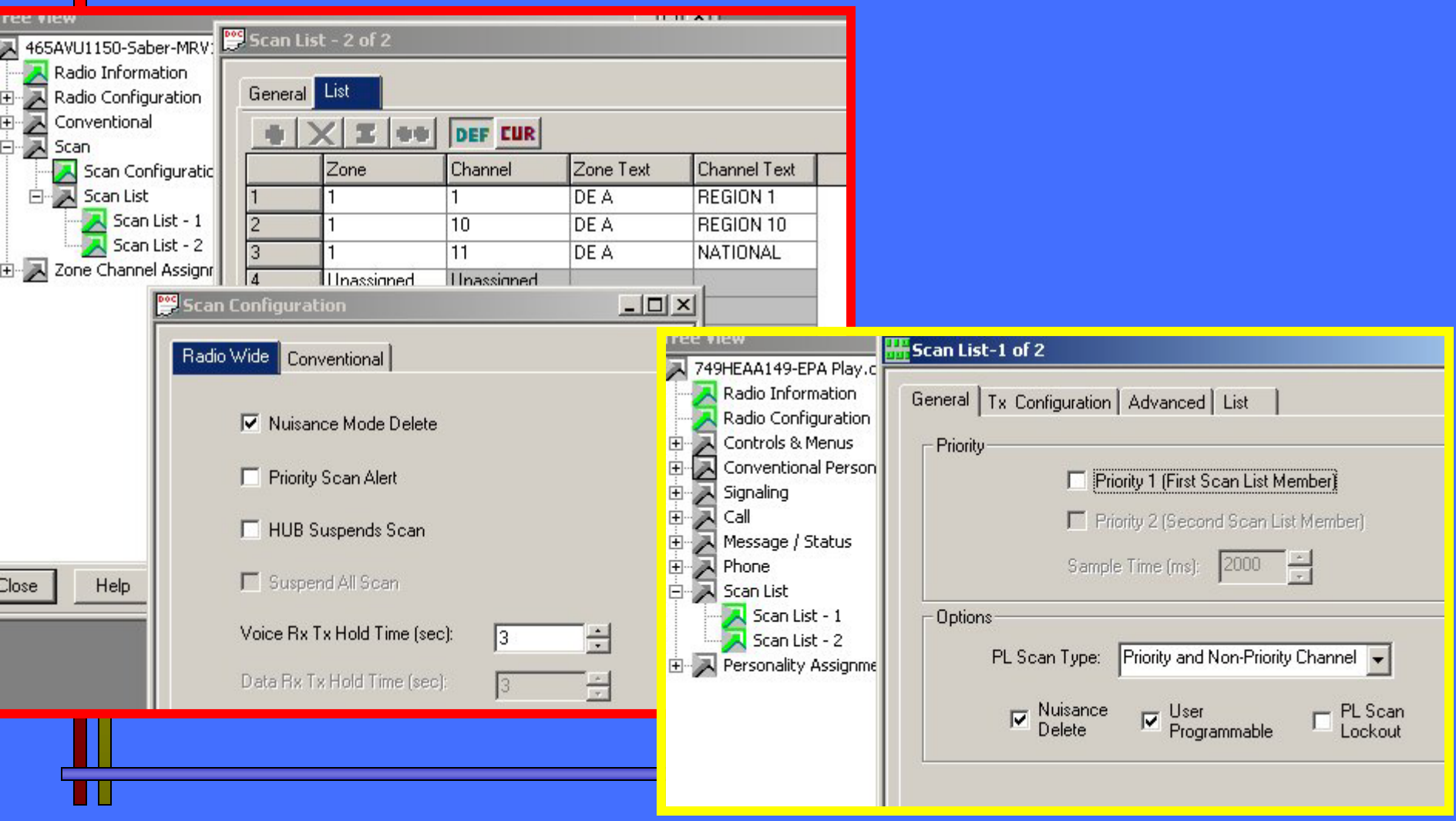
Scanning is not reading fast



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Clones are twins but twins are not clones

=Clone

=Twin

Same = Clones

Not Same = Twin

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Twins are siblings but siblings are not twins

=Sibling

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It is time to stop talking now

Some last things

- Check your programming
- Take your time
- Have fun
- Did I say to check your work?