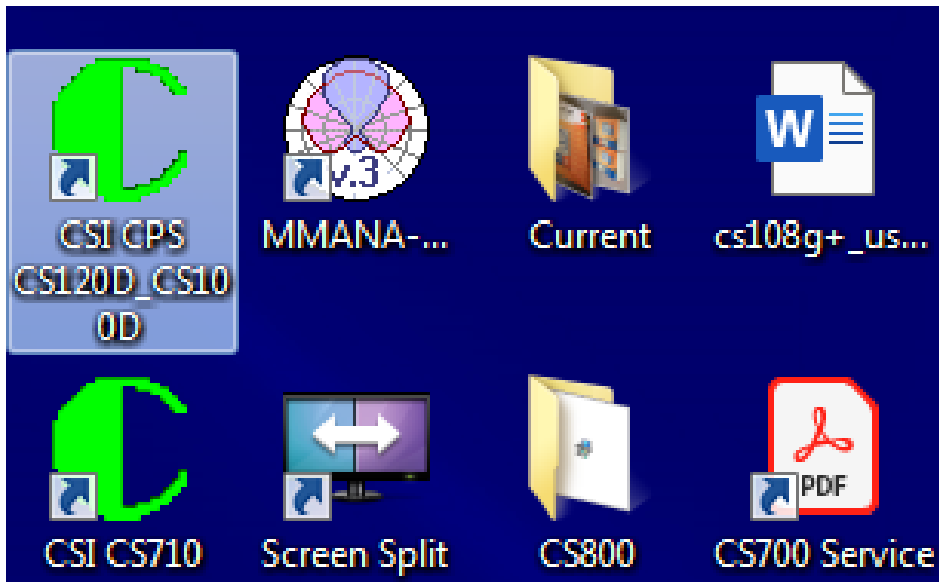
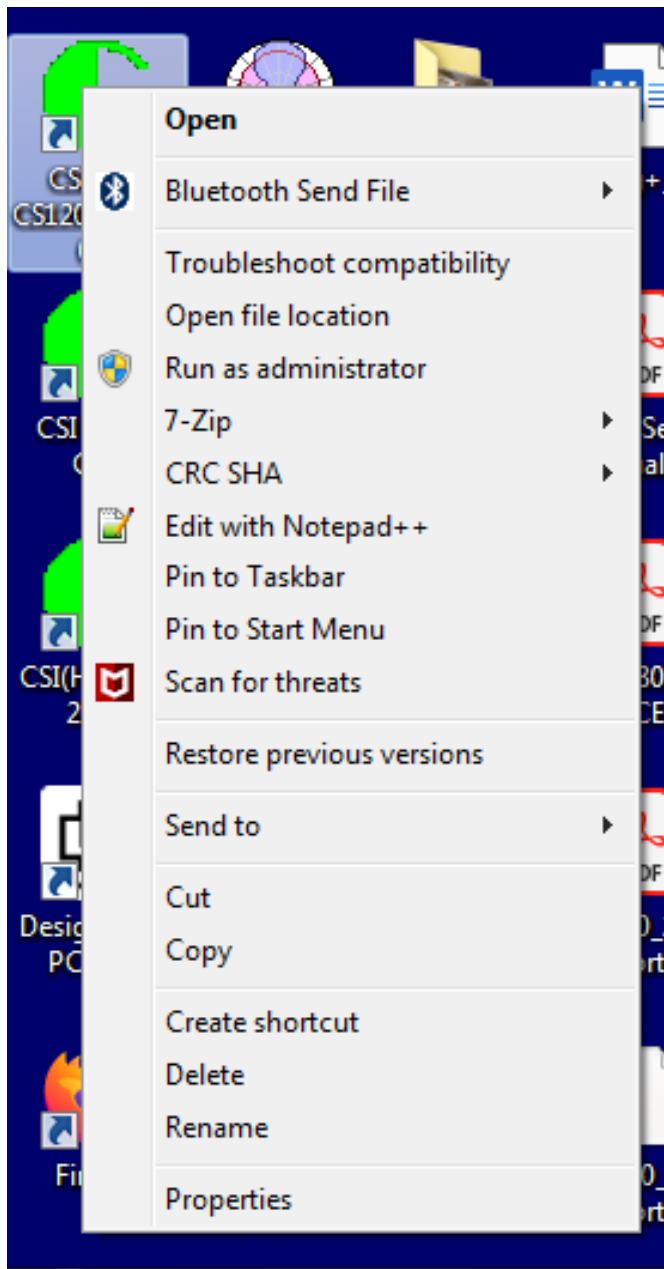


## Allowing 25 KHz Analog Channels in the CS120D

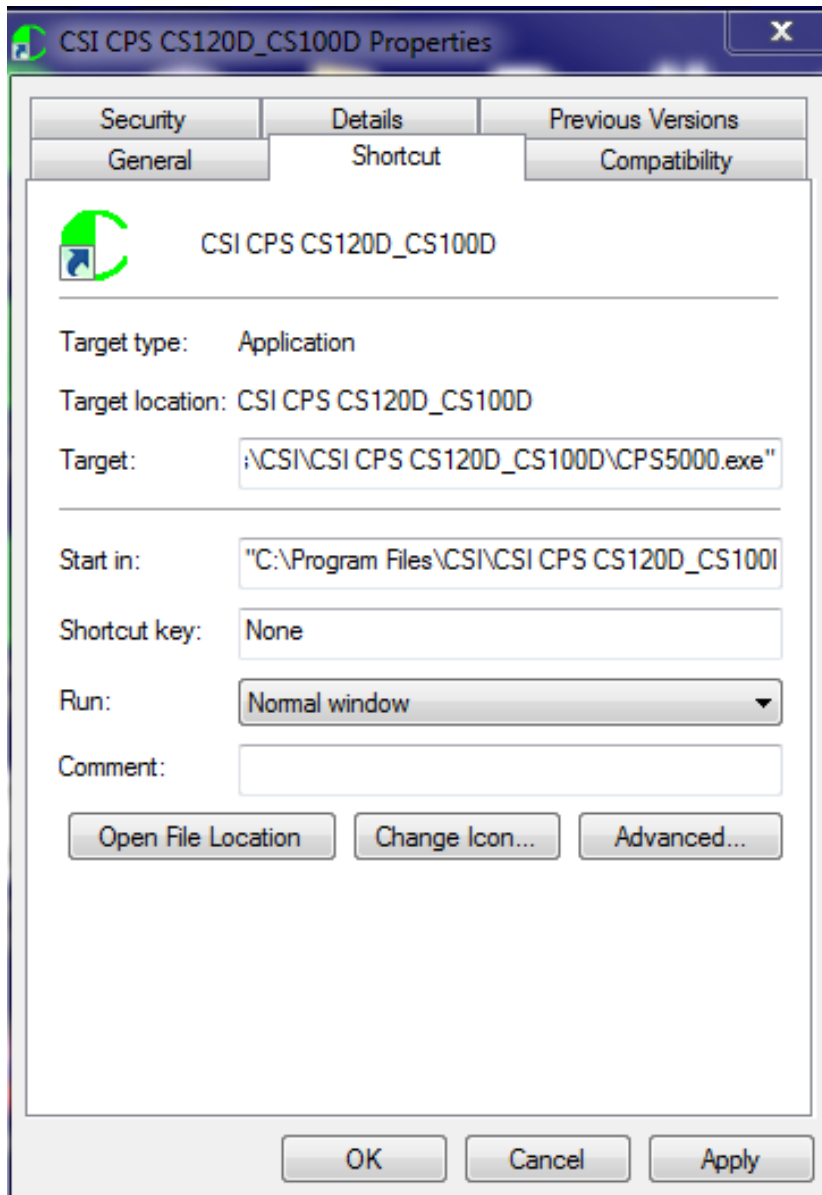
Find the CS120D CPS shortcut and highlight it as shown below:



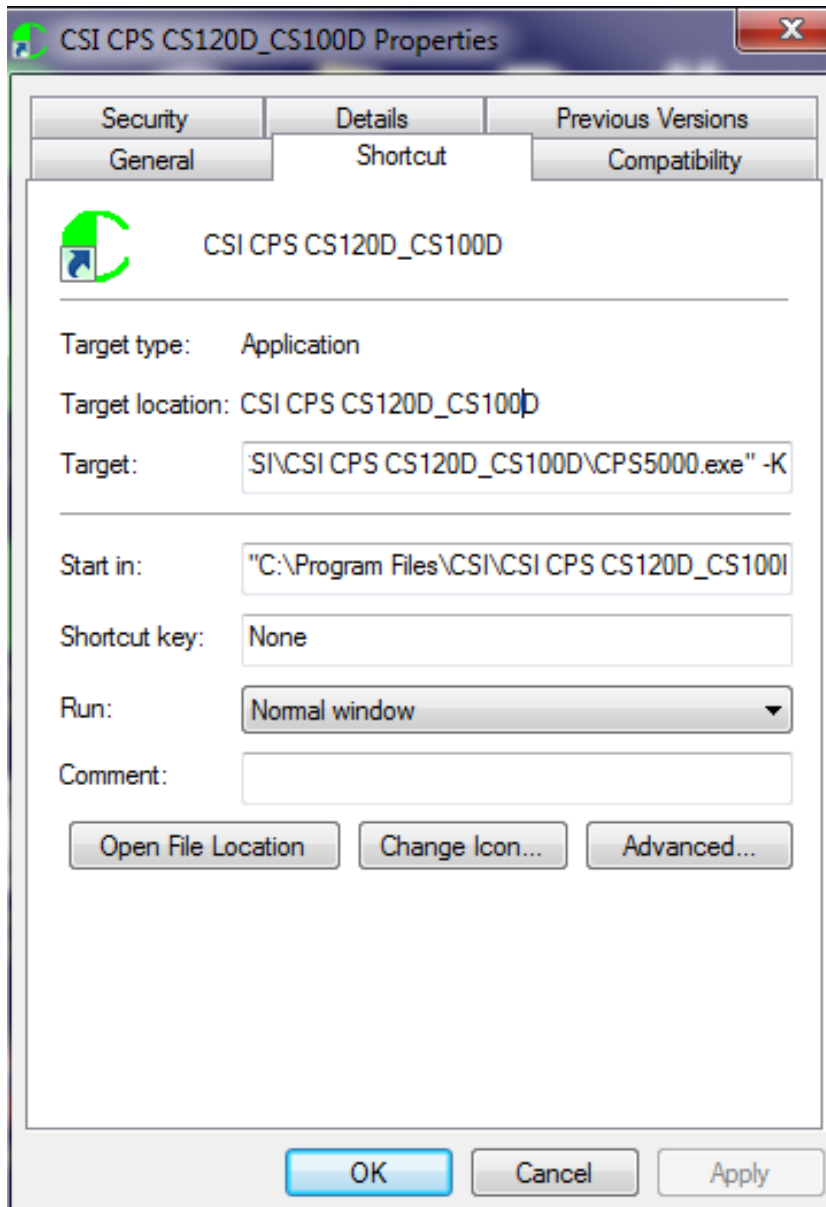
Right click on the highlighted ICON and you get the following:



Click on Properties and you get the following:



Modify the Target: Line by adding -K at the end as follows:



Notice there is a space between " and -K. Then press Apply followed by OK and you are back to your normal desktop.

Now start the CS120D CPS and go to the channel edit screen as follows:

Channel Alias

Channel Spacing [KHz]

CTCSS Tail Revert Option [Radians]

Personality List

Scan List/Roam List

Auto Start Scan

Rx Only

Talk Around

Lone Worker

VOX

CTCSS Tail Revert

RX		Offset [MHz]	TX	
Receive Frequency [MHz]	<input type="text" value="400.000000"/>	<input type="text" value="0.000000"/>	Transmit Frequency [MHz]	<input type="text" value="400.000000"/>
Rx CTCSS/CDCSS Type	<input type="text" value="NONE"/>	<input type="button" value="Apply"/>	Tx CTCSS/CDCSS Type	<input type="text" value="NONE"/>
CTCSS	<input type="text" value="67.0"/>		CTCSS	<input type="text" value="67.0"/>
CDCSS	<input type="text" value="023"/>		CDCSS	<input type="text" value="023"/>

Rx Ref Frequency

Rx Squelch Mode

Monitor Squelch Mode

Channel Switch Squelch Mode

Carrier Squelch Level

Tx Ref Frequency

Emergency System

Power Level

Tx Admit

Tx Time-Out Time [s]

TOT Pre-Alert Time [s]

TOT Re-key Time [s]

1 of 1

Click on the downward facing rectangle on the right of the Channel Spacing parameter and you will get the following:

Channel Alias: ACH 1

Channel Spacing [KHz]: 12.5 (dropdown menu open showing 12.5 and 25)

CTCSS Tail Revert Option [Radians]: 25

Personality List: Personality1

Scan List/Roam List: None

Auto Start Scan:

Rx Only:

Talk Around:

Lone Worker:

VOX:

CTCSS Tail Revert:

**RX**

Receive Frequency [MHz]: 400.000000

Rx CTCSS/CDCSS Type: NONE

CTCSS: 67.0

CDCSS: 023

Offset [MHz]: 0.000000

Apply

**TX**

Transmit Frequency [MHz]: 400.000000

Tx CTCSS/CDCSS Type: NONE

CTCSS: 67.0

CDCSS: 023

Rx Ref Frequency: Middle

Rx Squelch Mode: CTCSS/DCS and Audio

Monitor Squelch Mode: Carrier

Channel Switch Squelch Mode: RX Squelch Mode

Carrier Squelch Level: Normal

Tx Ref Frequency: Middle

Emergency System: AnalogSys 1

Power Level: High

Tx Admit: Always Allow

Tx Time-Out Time [s]: 60

TOT Pre-Alert Time [s]: 0

TOT Re-key Time [s]: 0

Close Print Help 1 of 1

Click on what is appropriate and you are done.

In this case the 25 was pressed as shown below.

Channel Alias	ACH 1
Channel Spacing [KHz]	25
CTCSS Tail Revert Option [Radians]	180
Personality List	Personality1
Scan List/Room List	None
Auto Start Scan	<input type="checkbox"/>
Rx Only	<input type="checkbox"/>
Talk Around	<input type="checkbox"/>
Lone Worker	<input type="checkbox"/>
VOX	<input type="checkbox"/>
CTCSS Tail Revert	<input type="checkbox"/>

RX		Offset [MHz]	TX	
Receive Frequency [MHz]	400.000000	0.000000	Transmit Frequency [MHz]	400.000000
Rx CTCSS/CDCSS Type	NONE	<input type="button" value="Apply"/>	Tx CTCSS/CDCSS Type	NONE
CTCSS	67.0		CTCSS	67.0
CDCSS	023		CDCSS	023

Rx Ref Frequency	Middle	Tx Ref Frequency	Middle
Rx Squelch Mode	CTCSS/DCS and Audio	Emergency System	AnalogSys 1
Monitor Squelch Mode	Carrier	Power Level	High
Channel Switch Squelch Mode	RX Squelch Mode	Tx Admit	Always Allow
Carrier Squelch Level	Normal	Tx Time-Out Time [s]	60
		TOT Pre-Alert Time [s]	0
		TOT Re-key Time [s]	0

<input type="button" value="Close"/>	<input type="button" value="Print"/>	<input type="button" value="Help"/>	1 of 1	<input type="button" value="Home"/>	<input type="button" value="Left"/>	<input type="button" value="Right"/>	<input type="button" value="End"/>	<input type="button" value="Refresh"/>	<input type="button" value="Close"/>
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