

TMV7A.EXE
SOFTWARE TEST PROCEDURES
VOL 4-3
REGISTRATION DIALOGUE
Ver 1.0.0
Dec 21, 2013

FORM ACTIVATION

Step	Test	Result
	This tests the initial activation of the Registration dialogue.	
1	Delete the TMV7A.ini file from the TMV7A_WC folder.	
2	Copy the file 4-3 Registration Dialogue.ini to the TMV7 folder and rename it TMV7A.ini	
3	Launch the application.	
4	Dismiss the No COM Port Configured Information message.	
5	Accept the default value of 1 and select the <OK> button of the COM Port dialogue box.	
6	Dismiss the Unable to Open COM1... Error message.	
7	Accept the default value of 1 and select the <OK> button of the COM Port dialogue box.	
8	Dismiss the Unable to Open COM1... Error message.	
9	Select the <Register> button of the TMV7A Not Registered dialogue box.	
10	Ensure the Registration dialogue box is displayed in the centre of the screen.	_____
11	Ensure the Title Bar contains the text " TMV7A Registration "	_____
12	Ensure that there are no icons on the Title Bar .	_____
13	Ensure the text " Enter the name and optional callsign used for program registration. " appears at the top of the dialogue box.	_____
14	Ensure there is a Name : edit box.	_____
15	Ensure the cursor is in the middle of the Name edit box	_____
16	Ensure there is a Callsign : edit box.	_____
17	Ensure there is a Registration Key : edit box.	_____
18	Ensure the following buttons are across the bottom of the dialogue box:	
	<Help> Disabled	_____
	<Cancel> Enabled	_____
	<OK> Eabled	_____

TAB ORDER

Step	Test	Result
	This tests the Tab order of all controls and buttons.	
1	Select the <TAB> key.	
2	Ensure the cursor moves to the centre of the Callsign edit box.	_____
3	Select the <TAB> key.	
4	Ensure the cursor moves to the centre of the Registration Key edit box.	_____
5	Select the <TAB> key.	
6	Ensure the focus moves to the <OK> button.	_____
7	Select the <TAB> key.	
8	Ensure the focus moves to the <Cancel> button.	_____
9	Select the <TAB> key.	
10	Ensure the cursor is displayed in the centre of the Name edit box.	_____
11	Select the <SHIFT+TAB> key.	
12	Ensure the focus moves tp the <Cancel> button.	_____
13	Select the <SHIFT+TAB> key.	
14	Ensure the focus moves to the <OK> button.	_____
15	Select the <SHIFT+TAB> key.	
16	Ensure the cursor moves to the centre of the Registration Key edit box.	_____
17	Select the <SHIFT+TAB> key.	
18	Ensure the cursor moves to the centre of the Callsign edit box.	_____
19	Select the <SHIFT+TAB> key.	
20	Ensure the cursor moves to the centre of the Name edit box.	_____

HINTS

Step	Test	Result
	This tests the Hints of all controls and buttons.	
1	Hold the Mouse Cursor over the Name edit box.	
2	Ensure the Hint "A Valid Name consists of two to 20 Alphabetic characters and a space." is displayed.	_____
3	Hold the Mouse Cursor over the Callsign edit box.	
4	Ensure the Hint "A Valid Callsign consists of three to 11 Alphabetic and Numeric characters and the / character." is displayed.	_____
5	Hold the Mouse Cursor over the Registration Key edit box.	
6	Ensure the Hint "A Valid Registration Key consists of eight Digits [0..9]." is displayed.	_____
7	Hold the Mouse Cursor over the <Help> button.	
8	Ensure no Hint is displayed.	_____
9	Hold the Mouse Cursor over the <Cancel> button.	
10	Ensure the Hint "Cancel the Registration Process." is displayed.	_____
11	Hold the Mouse Cursor over the <OK> button.	
12	Ensure the Hint "Complete the Registration Process." is displayed.	_____

DATA ENTRY VALIDATION

Step	Test	Result
	This tests the validation of all data entry controls, including all Confirmation, Error and Information messages.	
21	Enter "A" into the Name edit box and select the <OK> button.	
22	Ensure the Invalid Name Error message "You must enter a Valid Name. A Valid Name consists of two to 20 Alphabetic characters and a space." is displayed.	_____
23	Select the <OK> button.	
24	Ensure the Error message is dismissed.	_____
25	Ensure the cursor is in the Name edit box.	_____

Step	Test	Result																																													
26	Enter " AB " into the Name edit box and select the <OK> button.																																														
27	Ensure the Invalid Registration Key Error message " You must enter a Valid Registration Key. A Valid Registration Key consists of eight Digits [0..9]. " is displayed.	_____																																													
28	Select the <OK> button.																																														
29	Ensure the Error message is dismissed.	_____																																													
30	Ensure the cursor is in the centre of the Registration Key edit box.	_____																																													
	Enter the following characters into the Callsign edit box:																																														
31	<table> <tr> <th>Enter</th><th>Display</th><th>Status</th></tr> <tr> <td>A</td><td>A</td><td>Valid</td></tr> <tr> <td>Z</td><td>Z</td><td>Valid</td></tr> <tr> <td>a</td><td>A</td><td>Valid</td></tr> <tr> <td>z</td><td>Z</td><td>Valid</td></tr> <tr> <td>0</td><td>0</td><td>Valid</td></tr> <tr> <td>9</td><td>9</td><td>Valid</td></tr> <tr> <td>/</td><td>/</td><td>Valid</td></tr> <tr> <td><BS></td><td></td><td>Valid</td></tr> <tr> <td>@</td><td></td><td>Invalid</td></tr> <tr> <td>[</td><td></td><td>Invalid</td></tr> <tr> <td>'</td><td></td><td>Invalid</td></tr> <tr> <td>{</td><td></td><td>Invalid</td></tr> <tr> <td>.</td><td></td><td>Invalid</td></tr> <tr> <td>:</td><td></td><td>Invalid</td></tr> </table>	Enter	Display	Status	A	A	Valid	Z	Z	Valid	a	A	Valid	z	Z	Valid	0	0	Valid	9	9	Valid	/	/	Valid	<BS>		Valid	@		Invalid	[Invalid	'		Invalid	{		Invalid	.		Invalid	:		Invalid	 _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
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35	Ensure the Error message is dismissed.	_____																																													

Step	Test	Result																		
36	Ensure the cursor is in the centre of the Callsign edit box.	_____																		
37	Enter “ ABC ” into the Callsign edit box and select the <OK> button.																			
38	Dismiss the Error message																			
39	Enter the following characters into the Registration Key edit box:																			
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40	Enter “ 1234567 ” into the Registration Key edit box and select the <OK> button.																			
41	Ensure the Invalid Registration Key Error message “ You must enter a Valid Registration Key. A Valid Registration Key consists of eight Digits [0..9]. ” is displayed.	_____																		
42	Dismiss the Error message.																			
43	Enter “ 12345678 ” into the Registration Key edit box and select the <OK> button.																			
44	Ensure the Incorrect Registration Key Error message “ The Registration Key entered is not a correct match the Name and/or Callsign entered. ”	_____																		
45	Select the <OK> button.																			
46	Ensure the Error message is dismissed.	_____																		

BUTTON FUNCTIONALITY

Step	Test	Result
	This tests the functionality of each button.	
1	Select the <Help> button on the Registration dialogue box.	
2	Ensure there is no response to the mouse click.	_____
3	Enter “ Hew Lines ” into the Name edit box.	
4	Enter “ VA7HU ” into the Callsign edit box.	

Step	Test	Result
5	Enter " 13359025 " into the Registration Key edit box.	
6	Select the < Cancel > button.	
7	Ensure the Confirmation Cancellation message " Confirm that you wish to cancel the Registration. " is displayed.	_____
8	Select the < No > button.	
9	Ensure the message is dismissed.	_____
10	Ensure the Registration dialogue remains displayed.	
11	Ensure that no data has been changed.	_____
12	Select the < Cancel > button.	
13	Select the < Yes > button of the Confirmation message.	
14	Ensure the message is dismissed.	_____
15	Ensure the Registration dialogue is dismissed.	_____
16	Ensure the Title Bar of the Main form displays the text " Unregistered ".	_____
17	Select the " Help Registration " menu item of the Main form.	
18	Ensure the Registration dialogue is displayed.	_____
19	Enter " Hew Lines " into the Name edit box.	
20	Enter " VA7HU " into the Callsign edit box.	
21	Enter " 133590025 " into the Registration Key edit box and select the < OK > button.	
22	Ensure the Title Bar of the Main form displays the text " Registered to Hew Lines VA7HU ".	_____
23	Select the " Help Registration " menu item of the Main form.	_____
24	Ensure Hew Lines is displayed in the Name edit box.	_____
25	Ensure VA7HU is displayed in the Callsign edit box.	_____
26	Ensure 13359025 is displayed in the Registration Key edit box.	_____
27	Select the < Cancel > button.	
28	Select the < Yes > button in the Confirmation message.	
29	Ensure the Registration Dialogue box is dismissed.	_____
30	Ensure the Title Bar still displays the text " Registered to Hew Lines VA7HU ".	_____

Step	Test	Result
31	Select the " Help Registration " menu item of the Main form.	
32	Enter "John" into the Name edit box.	
33	Clear the Callsign edit box.	
34	Enter "83289960" into the Registration Key edit box.	
35	Select the <OK> button.	
36	Ensure the Registration dialogue is closed.	_____
37	Ensure the Title Bar displays "Registered to John".	_____
38	Close the application.	

END OF TEST