

**TMV7A.EXE**  
**SOFTWARE TEST PROCEDURES**  
**VOL 3-2-1**  
**DATA ENTRY FORM PROCEDURES**  
**FAVOURITE BUTTON DATA ENTRY FORM**

Ver 1.0.0  
21 Aug 2013

## INITIAL DISPLAY

1. Delete the **TMV7** Registration key.
2. Launch the **TMV7** application.
3. Configure the application for **COM2**.
4. Dismiss the **Not Registered** dialogue box if necessary.
5. Dismiss the **About** box.
6. Ensure the caption on all **Favourite** buttons is blank. \_\_\_\_\_
7. Right-click on **Favourite Button 1** (top-left button).
8. Ensure the **Favourites Button Data Entry** form is displayed. \_\_\_\_\_
9. Ensure the Title Bar displays the text **Favourites Button Data Entry**. \_\_\_\_\_
10. Ensure the **Source** edit box displays the text "**FAV001**". \_\_\_\_\_
11. Ensure the **RX Frequency** edit box is blank. \_\_\_\_\_
12. Ensure the **RX Frequency** edit box is enabled. \_\_\_\_\_
13. Ensure the cursor is in the centre of the edit box. \_\_\_\_\_
14. Ensure the **TX Frequency** edit box is blank. \_\_\_\_\_
15. Ensure the **TX Frequency** edit box is disabled. \_\_\_\_\_
16. Ensure the **Scan** check box is **cleared**. \_\_\_\_\_
17. Ensure the **Scan** check box is enabled. \_\_\_\_\_
18. Ensure the **RF Power** combo box displays **H**. \_\_\_\_\_
19. Ensure the **RF Power** combo box box is enabled. \_\_\_\_\_
20. Ensure the **Memory Name** edit box is blank. \_\_\_\_\_
21. Ensure the **Memory Name** edit box is enabled. \_\_\_\_\_

22. Ensure the **Comments** edit box is blank. \_\_\_\_\_
23. Ensure the **Comments** edit box is enabled \_\_\_\_\_

### ***Band Selection Panel***

24. Ensure the **VHF** radio button is selected. \_\_\_\_\_
25. Ensure the **VHF** radio button is enabled. \_\_\_\_\_
26. Ensure the **UHF** radio button is deselected. \_\_\_\_\_
27. Ensure the **UHF** radio button is enabled. \_\_\_\_\_

### ***Offset Selection Panel***

28. Ensure the **Simplex** radio button is selected. \_\_\_\_\_
29. Ensure the **Simplex** radio button is enabled. \_\_\_\_\_
30. Ensure the **Plus** radio button is deselected. \_\_\_\_\_
31. Ensure the **Plus** radio button is enabled. \_\_\_\_\_
32. Ensure the **Minus** radio button is deselected. \_\_\_\_\_
33. Ensure the **Minus** radio button is enabled. \_\_\_\_\_
34. Ensure the **Offset** edit box displays "**00.00**". \_\_\_\_\_
35. Ensure the **Offset** edit box is disabled. \_\_\_\_\_

### ***Tones Selection Panel***

36. Ensure the **None** radio button is selected. \_\_\_\_\_
37. Ensure the **None** radio button is enabled \_\_\_\_\_
38. Ensure the **Tone** radio button is deselected. \_\_\_\_\_
39. Ensure the **Tone** radio button is enabled \_\_\_\_\_

- 40. Ensure the **Tone Frequency** drop-down list is disabled. \_\_\_\_\_
- 41. Ensure the **Tone Frequency** drop-down list displays **67**. \_\_\_\_\_
- 42. Ensure the **CTCSS** radio button is deselected. \_\_\_\_\_
- 43. Ensure the **CTCSS** radio button is enabled. \_\_\_\_\_
- 44. Ensure the **CTCSS Frequency** drop-down list is disabled. \_\_\_\_\_
- 45. Ensure the **CTCSS** drop-down list displays **67**. \_\_\_\_\_
- 46. Ensure the **DTSS** check box is deselected. \_\_\_\_\_
- 47. Ensure the **DTSS** check box is enabled. \_\_\_\_\_
- 48. Ensure the **DTSS Code** edit box is blank. \_\_\_\_\_
- 49. Ensure the **DTSS Code** edit box is disabled. \_\_\_\_\_

### ***Action Buttons***

- 50. Ensure the **Save** button is disabled. \_\_\_\_\_
- 51. Ensure the **Clear** button is enabled. \_\_\_\_\_
- 52. Ensure the **Reset** button is disabled. \_\_\_\_\_
- 53. Ensure the **Cancel** button is enabled. \_\_\_\_\_

### ***Data Entry Area***

- 54. Select the **Scan** check box. \_\_\_\_\_
- 55. Ensure there are no other changes. \_\_\_\_\_
- 56. Deselect the **Scan** Radio button. \_\_\_\_\_
- 57. Ensure there are no other changes. \_\_\_\_\_
- 58. Select the **RF Power** Drop-Down list. \_\_\_\_\_
- 59. Ensure that the list contains **L**, **M** and **H**. \_\_\_\_\_

60. Ensure that **H** is highlighted.

\_\_\_\_\_

61. Close the list.

### ***Band Panel***

62. Select the UHF Radio button.

63. Ensure the VHF Radio button is de-selected.

\_\_\_\_\_

64. Ensure nothing else is changed.

\_\_\_\_\_

65. Select the VHF Radio button.

66. Ensure the UHF Radio button is de-selected.

\_\_\_\_\_

67. Ensure nothing else is changed.

\_\_\_\_\_

### ***Offset Panel***

68. Select the **Plus** Radio button.

69. Ensure the **Simplex** Radio button is de-selected.

\_\_\_\_\_

70. Ensure the **Minus** Radio button is de-selected.

\_\_\_\_\_

71. Ensure the **Offset** Textbox displays **00.60**

\_\_\_\_\_

72. Select the **Minus** Radio button.

73. Ensure the **Simplex** Radio button is de-selected.

\_\_\_\_\_

74. Ensure the **Plus** Radio button is de-selected.

\_\_\_\_\_

75. Ensure the **Offset** Textbox displays **00.60**.

\_\_\_\_\_

76. Select the **Simplex** Radio button.

77. Ensure the **Plus** Radio button is de-selected.

\_\_\_\_\_

78. Ensure the **Minus** Radio button is de-selected.

\_\_\_\_\_

79. Ensure the **Offset** Textbox displays **00.00**. \_\_\_\_\_
80. Select the **UHF** Radio button.
81. Select the **Plus** Radio button.
82. Ensure the **Offset** Textbox displays **05.00** \_\_\_\_\_
83. Select the **Minus** Radio button.
84. Ensure the **Offset** Textbox displays **05.00**. \_\_\_\_\_
85. Select the **Simplex** Radio button.
86. Ensure the **Offset** Textbox displays **00.00**. \_\_\_\_\_
87. Select the **VHF** Radio button.

### ***Tones Panel***

88. Select the **Tone** radio button.
89. Ensure the **None** Radio button is deselected. \_\_\_\_\_
90. Ensure the **Tone** Drop-Down list box is enabled. \_\_\_\_\_
91. Select the **Tone** Drop-Down list.
92. Ensure the list displayed is from **67** to **250.3**. \_\_\_\_\_
93. Close the list.
94. Ensure the **CTCSS** Radio button is de-selected. \_\_\_\_\_
95. Ensure the **CTCSS** Drop-Down list is disabled. \_\_\_\_\_
96. Select the **CTCSS** Radio button.
97. Ensure the **None** Radio button is deselected. \_\_\_\_\_
98. Ensure the **Tone** Radio button is de-selected. \_\_\_\_\_
99. Ensure the **Tone** Drop-Down list box is disabled. \_\_\_\_\_
100. Ensure the **CTCSS** Drop-Down list is enabled. \_\_\_\_\_

101. Select the **CTCSS** Drop-Down list.

102. Ensure the list displayed is from **67** to **250.3**.

103. Close the list.

104. Select the **None** Radio button.

105. Ensure the **Tone** Radio button is deselected.

106. Ensure the **Tone** Drop-Down list box is disabled.

107. Ensure the **CTCSS** Radio button is de-selected.

108. Ensure the **CTCSS** Drop-Down list is disabled.

109. Select the DTSS Check box.

110. Ensure the DTSS edit box is enabled.

111. Ensure the cursor is in the centre of the edit box.

112. Deselect the DTSS check box.

113. Ensure the DTSS edit box is disabled.

## **Field Validation**

### ***RX Frequency***

1. Select the **RX Frequency** edit box.

2. Ensure the cursor is in the centre of the **RX Frequency** edit box.

3. Ensure you cannot enter the following characters:

/  
:  
.

4. Ensure you can enter the following characters

0  
9  
<BS>

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Delete all characters and enter **1**.
6. Select the **None** radio button.
7. Ensure the **RX Frequency** error icon is displayed. \_\_\_\_\_
8. Place the cursor over the error icon and ensure that the **cstrInvalid\_VHF\_Frequency** error message is displayed. \_\_\_\_\_
9. Enter **14** into the edit box.
10. Select the **None** radio button.
11. Ensure the **RX Frequency** error icon is displayed.
12. Place the cursor over the error icon and ensure that the **cstrInvalid\_VHF\_Frequency** error message is displayed. \_\_\_\_\_
13. Enter **146** into the edit box.
14. Select the **None** radio button.
15. Ensure the **RX Frequency** error icon is displayed.
16. Place the cursor over the error icon and ensure that the **cstrInvalid\_VHF\_Frequency** error message is displayed. \_\_\_\_\_
17. Enter **146.** into the edit box.
18. Select the **None** radio button.
19. Ensure the **RX Frequency** error icon is displayed.
20. Place the cursor over the error icon and ensure that the **cstrInvalid\_VHF\_Frequency** error message is displayed. \_\_\_\_\_
21. Enter **146.5** into the edit box.
22. Select the **None** radio button.
23. Ensure the **RX Frequency** error icon is displayed.



24. Place the cursor over the error icon and ensure that the **cstrInvalid\_VHF\_Frequency** error message is displayed.

\_\_\_\_\_

25. Enter **146.52** into the edit box.

26. Select the **None** radio button.

27. Ensure the **RX Frequency** error icon is displayed.

28. Place the cursor over the error icon and ensure that the **cstrInvalid\_VHF\_Frequency** error message is displayed.

\_\_\_\_\_

29. Enter **146.5201**

30. Ensure you cannot enter the last **1**.

\_\_\_\_\_

31. Select the **None** radio button.

32. Ensure that no **error icon** is displayed.

\_\_\_\_\_

## ***DTSS Code***

33. Select the **DTSS Check** box.

34. Ensure you cannot enter the following characters into the **DTSS** edit box:

/  
:

35. Ensure you can enter the following characters into the **DTSS** edit box:

0  
9  
<BS>

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

36. Enter the character **1**.

37. Select the **None** radio button.

38. Ensure the **DTSS Code** error icon is displayed.

39. Place the cursor over the error icon and ensure that the **cstrInvalid\_DTSS\_Code** error message is displayed.

\_\_\_\_\_

40. Enter **12** into the edit box.
41. Select the **None** radio button.
42. Ensure the **DTSS Code** error icon is displayed.
43. Place the cursor over the error icon and ensure that the **cstrInvalid\_DTSS\_Code** error message is displayed. \_\_\_\_\_
44. Enter **1234** into the edit box.
45. Ensure the **last character** (4) cannot be entered. \_\_\_\_\_
46. Select the **None** radio button.
47. Ensure that no **error icon** is displayed. \_\_\_\_\_

## ***Memory Name***

48. Select the **Memory Name** edit box.
49. Ensure the cursor is in the **first character position** of the edit box. \_\_\_\_\_
50. Ensure you cannot enter the characters:

/  
:  
@  
[  
,  
{

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

51. Ensure you can enter the following characters:

0  
9  
<Space>  
A  
Z  
a  
z  
<BS>

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

52. Enter the digit **1** into the edit box.
53. Select the **None** radio button.

54. Ensure the **Memory Name** error icon is displayed.
55. Place the cursor over the error icon and ensure that the `cstrInvalid_Memory_Name` error message is displayed. \_\_\_\_\_
56. Enter **1234** into the edit box.
57. Select the **None** radio button.
58. Ensure the **Memory Name** error icon is displayed.
59. Place the cursor over the error icon and ensure that the `cstrInvalid_Memory_Name` error message is displayed. \_\_\_\_\_
60. Enter **12345** into the edit box.
61. Select the **None** radio button.
62. Ensure no **error icon** is displayed. \_\_\_\_\_
63. Enter "1234567890123456" into the Memory Name edit box.
64. Ensure you cannot enter the last "6". \_\_\_\_\_

## ***Comments***

65. Select the **Comments** edit box.
66. Ensure there is no Error ICON for the Memory Name edit box. \_\_\_\_\_
67. Ensure the cursor is in the **first character position** of the edit box. \_\_\_\_\_
68. Ensure you cannot enter the characters:
- /  
    :  
    @  
    [  
    ,  
    {
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
69. Ensure you can enter the following characters:

0	_____
9	_____
<Space>	_____
A	_____
Z	_____
a	_____
z	_____
<BS>	_____

- 70. Select the **None** radio button.
  
- 71. Ensure **no error icon** is displayed. \_\_\_\_\_
  
- 72. Enter the text **1234567890123456789012345678901** (30 chars) into the edit box.
  
- 73. Ensure the **last character** (1) cannot be entered. \_\_\_\_\_
  
- 74. Select the **Cancel** button.
  
- 75. Select **Yes** to the **confirmation** message.

## **VHF Simplex Favourite Entry (No Tone)**

- 1. Right-click the **Favourite One** button.
  
- 2. Select the **VHF** Radio button.
  
- 3. Select the **Simplex** Radio button.
  
- 4. Enter **117.999** into the **RX Frequency** edit box.
  
- 5. Ensure the **Save** button is disabled. \_\_\_\_\_
  
- 6. Select the **None** Radio button.
  
- 7. Ensure the **RX Frequency** error icon is displayed. \_\_\_\_\_
  
- 8. Place the cursor over the error icon.
  
- 9. Ensure the error message **cstrInvalid\_VHF\_Frequency** is displayed. \_\_\_\_\_
  
- 10. Enter **118.000** into the **RX Frequency** edit box.

11. Select the **None** Radio button.
12. Ensure that no **error icon** is displayed. \_\_\_\_\_
13. Enter **173.999** into the **RX Frequency** edit box.
14. Select the **None** Radio button.
15. Ensure that no error icon is displayed. \_\_\_\_\_
16. Enter **174.000** into the **RX Frequency** edit box.
17. Select the **None** Radio button.
18. Ensure the **RX Frequency** error icon is displayed. \_\_\_\_\_
19. Place the cursor over the **error icon**.
20. Ensure the error message **cstrInvalid\_VHF\_Frequency** is displayed. \_\_\_\_\_
21. Enter **146.520** into the **RX Frequency** edit box.
22. Select the **None** edit box.
23. Ensure the **TX Frequency** edit box displays **146.520**. \_\_\_\_\_
24. Select the **DTSS** Check box.
25. Enter **123** into the **DTSS Code** edit box.
26. Ensure the **Save** button is disabled. \_\_\_\_\_
27. Enter the text "**VHF Favourite 1**" into the **Memory Name** edit box.
28. Ensure the **Save** button is enabled. \_\_\_\_\_
29. Enter the text "**Maximum Number of Comment Char**" into the **Comments** edit box.
30. Select the **Save** button.
31. Ensure the **Favourites Data Entry form** is closed. \_\_\_\_\_
32. Ensure the text "**VHF Favourite 1**" is displayed on Favourites button one of the

Main form.

33. Right-click the **VHF Favourite 1** on the Main form.
34. Ensure the following data is displayed in the Favourites Data Entry form.

**VHF** radio button – **Selected**  
**Simplex Offset** radio button – **Selected**  
**Offset Shift** text box – **00.00**  
**Source** text box – **FAV001**  
**RX Frequency** text box – **146.520**  
**TX Frequency** text box – **146.520**  
**Scan** check box **deselected**.  
**None** radio button **selected**  
**DTSS** check box **selected**  
**DTSS** edit box – **123**  
**RF Power Level** – **H**  
**Memory Name** edit box – **VHF Favourite 1**  
**Comments** edit box – **Maximum Number of Comment Char**

35. Select the **Cancel** button and answer Yes.

### **VHF Simplex Favourite Entry (PL Tone)**

1. Right-click Favourite button Two on the Main form and enter the following data into the Favourites Data Entry form.

**VHF** radio button – **Selected**  
**Simplex Offset** radio button – **Selected**  
**Offset Shift** text box – **00.00**  
**RX Frequency** text box – **146.490**  
**Scan** check box **selected**  
**Tone** radio button **selected**  
**Tone Frequency 100** selected  
**DTSS** check box **deselected**  
**DTSS** edit box empty  
**RF Power Level** – **M**  
**Memory Name** edit box – **VHF Favourite 2**  
**Comments** edit box clear

2. Select the **Save** button.
3. Ensure the **Favourites Data Entry form** is closed.
4. Ensure the text “**VHF Favourite 2**” is displayed on Favourites button Two of the Main form.
5. Right-click the **VHF Favourite 2** on the Main form.
6. Ensure the following data is displayed in the Favourites Data Entry form.

VHF radio button – **Selected**  
Simplex Offset radio button – **Selected**  
Offset Shift text box – **00.00**  
Source text box – **FAV002**  
RX Frequency text box – **146.490**  
TX Frequency text box – **146.490**  
Scan check box **selected**.  
Tone radio button **selected**  
Tone Frequency **100** displayed  
DTSS check box **deselected**  
DTSS edit box clear  
RF Power Level – **M**  
Memory Name edit box – **VHF Favourite 2**  
Comments edit box clear

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7. Select the **Cancel** button and answer Yes.

### **UHF Simplex Favourite Entry (CTCSS Tone)**

#### **CLEAR BUTTON**

114. Select the **Clear** button.
115. Ensure the error message **ER\_Data\_Entry\_Favourite\_In\_Use** is displayed.
116. Ensure the Title bar displays **Frequency in use error**.
117. Select the **Ok** button.
118. Ensure the error message is dismissed.
119. Ensure the **Favourites Button Data Entry form** remains displayed.
120. Ensure **no data** was changed.

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- 121.Cancel the **Favourites Button Data Entry** form.
- 122.Select the **Yes** button on the **Confirm Cancellation** dialog box.
- 123.Right click on the **PEMO UHF** Favourites button.
- 124.Select the **Clear** button.
- 125.Ensure the confirmation message **CM\_Data\_Entry\_Confirm\_Clear** is displayed. \_\_\_\_\_
- 126.Ensure the Title is **Confirm Clear**. \_\_\_\_\_
- 127.Select the **No** button.
- 128.Ensure the confirmation message is dismissed. \_\_\_\_\_
- 129.Ensure the **Favourites Button Data Entry** form is dismissed. \_\_\_\_\_
- 130.Ensure the caption of **Favourite Button 5** remains **PEMO UHF**. \_\_\_\_\_
- 131.Right click on the **PEMO UHF** Favourites button.
- 132.Select the **Clear** button.
- 133.When the confirmation message is displayed, select the **Yes** button.
- 134.Ensure the confirmation message is dismissed. \_\_\_\_\_
- 135.Ensure the **Favourites Button Data Entry** form is dismissed. \_\_\_\_\_
- 136.Ensure the caption of **Favourite Button 5** is blank. \_\_\_\_\_

#### **SAVE BUTTON**

- 137.Left click on **Favourite button 5**.
- 138.Ensure the **Favourite Band** dialogue box is displayed. \_\_\_\_\_
- 139.Select the **UIHF** button.
- 140.Enter **446.150** into the **RX Frequency** edit box.
- 141.Select the **Scan** check box.
- 142.Select the **Minus offset** radio button.



143. Select the **Tone** check box.

144. Select a **Tone Frequency** of **100**.

145. Select the **CTSS** check box.

146. Select a **CTCSS Frequency** of **123**.

147. Select the **DTSS** check box.

148. Enter a **DTSS Code** of **567**.

149. Enter "**SAVE**" into the **Memory Name** edit box.

150. Enter "**SAVE Test**" into the **Comments** edit box.

151. Select the **Save** button.

152. Ensure the **Favourite Data Entry form** is dismissed.

\_\_\_\_\_

153. Ensure that Favourite Button 5 caption is **Save**.

\_\_\_\_\_

154. Right-click on the **SAVE Favourite** button.

155. Ensure the **UHF** radio button is selected.

\_\_\_\_\_

156. Ensure the **Source** edit box displays **FAV005**.

\_\_\_\_\_

157. Ensure the **RX Frequency** edit box contains **446.150**.

\_\_\_\_\_

158. Ensure the **TX Frequency** edit box contains **441.150**.

\_\_\_\_\_

159. Ensure the **Scan** check box is selected.

\_\_\_\_\_

160. Ensure the **Minus offset** radio button is selected.

\_\_\_\_\_

161. Ensure the **Offset** edit box contains **05.00**.

\_\_\_\_\_

162. Ensure the **Tone** check box is selected.

\_\_\_\_\_

163. Ensure the **Tone Frequency** list displays **100**.

\_\_\_\_\_

164. Ensure the **CTCSS** check box is selected.

\_\_\_\_\_

165.Ensure the **CTCSS Frequency** list displays **123**.

\_\_\_\_\_

166.Ensure the **DTSS** check box is selected.

\_\_\_\_\_

167.Ensure the **DTSS Code** edit box contains **567**.

\_\_\_\_\_

168.Ensure the Memory Name edit box contains "**SAVE**".

\_\_\_\_\_

169.Ensure the Comments edit box contains "**SAVE Test**".

\_\_\_\_\_

170.**Cancel** the entry.

171.Terminate the application.

**172.END OF TEST**