TMV7A.EXE SOFTWARE TEST PROCEDURES VOL 4-1 TMV Files

Ver 1.0.0 12 Aug 2013

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INITIAL PROGRAM LAUNCH

Delete the TMV7.INI file.	
Delete the default.tmv file if present.	
Delete the Test TMV1.tmv file if present.	
Launch the application.	
Select the <cancel></cancel> button on the Program Not Registered dialogue box.	
Select the <ok> button of the "Unable to Open COM1" error message if necessary.</ok>	
Select COM2 from the Select COM Port dialogue box if necessary and select the <ok> button.</ok>	
.Select the <ok> button of the "Unable to Open COM2" error message if necessary.</ok>	
Select the <ok> button of the TMV7A information message "Select a .tmv file".</ok>	
Select the <cancel></cancel> button of the Open TMV File dialogue box.	
Ensure the information message "Selection Cancelled Creating a default TMV file" is displayed.	
Select the <ok></ok> button.	
Close the application.	
Ensure a "default.tmv" data file has been created in the TMVFiles folder.	
Open the "default.tmv" data file and ensure that:	
1. There s a [TMVFile Ver. 1.0.0] section. 2. There s a [VHF MEMORY] section. 3. There are 99 empty records in this section. 4. Ensure there are 14 commas in each entry. 5. There s a [UHF MEMORY] section. 6. There are 99 empty records in this section. 9. Ensure there are 14 commas in each entry. 10. There s a [FAVOURITES MEMORY] section. 11. There are 12 empty records in this section. 12. Ensure there are 14 commas in each entry.	
	Delete the Test TMV1.tmv file if present. Launch the application. Select the <cancel> button on the Program Not Registered dialogue box. Select the <ok> button of the "Unable to Open COM1" error message if necessary. Select COM2 from the Select COM Port dialogue box if necessary and select the <ok> button. Select the <ok> button of the "Unable to Open COM2" error message if necessary. Select the <ok> button of the "Unable to Open COM2" error message if necessary. Select the <ok> button of the TMV7A information message "Select a .tmv file". Select the <cancel> button of the Open TMV File dialogue box. Ensure the information message "Selection Cancelled Creating a default TMV file" is displayed. Select the <ok> button. Close the application. Ensure a "default.tmv" data file has been created in the TMVFiles folder. Open the "default.tmv" data file and ensure that: 1. There is a [TMVFile Ver. 1.0.0] section. 2. There is a [VHF MEMORY] section. 3. There are 99 empty records in this section. 4. Ensure there are 14 commas in each entry. 5. There is a [UHF MEMORY] section. 6. There are 99 empty records in this section. 9. Ensure there are 14 commas in each entry. 10. There is a [FAVOURITES MEMORY] section.</ok></cancel></ok></ok></ok></ok></ok></cancel>

16.	Launch the application.				
17.	Ensure the Status bar displays the file "default.tmv".				
18.	Ensure that all 12 Favourite buttons are blank.				
19.	Select the VHF Data form using the "Memory VHF" menu items.				
20.	Ensure there are 99 entries in the Grid View with no data except for the Ch Nr.				
21.	Close the form.				
22.	Select the UHF Data form using the "Memory UHF" menu items.				
23.	Ensure there are 99 entries in the Grid View with no data except for the Ch Nr.				
24.	Close the form.				
25.	Select the DTMF Data form using the "Memory DTMF" menu items.				
26.	Ensure there are 10 entries in the Grid View with no data except for the Entry Nr.				
27.	Close the form.				
	VHF CHANNEL LIST				
	Shift Field (Simplex, Plus, Minus)				
28.	Select the VHF Data form using the menu Memory VHF menu items.				
29.	. Enter the following records:				
	Channel 1				
	 Band - VHF Shift - Simplex RX Frequency - 146.340 Tones - None DTSS - De-selected Scan - De-selected RF Power - High Channel Name - VHF One Comments - Blank 				

- 1 Band - VHF
- 2. Shift - Plus

- 3 RX Frequency **146.340**
- 4 Tones None
- 5. DTSS De-selected
- 6 Scan **De-selected**
- 7 RF Power **High**
- 8 Channel Name VHF Ten
- 9 Comments Blank

- 1 Band VHF
- 2. Shift **Minus**
- 3 RX Frequency **146.340**
- 4 Tones None
- 5. DTSS **De-selected**
- 6 Scan **De-selected**
- 7 RF Power **High**
- 8 Channel Name VHF Twenty
- 9 Comments Blank

Tones Field (None, Tone, CTCSS)

Channel 30

- 1 Band VHF
- 2. Shift Simplex
- 3 RX Frequency **146.340**
- 4 Tones **Tone**
- 5 Tone Freq **67.0**
- 6. DTSS **De-selected**
- 7 Scan **De-selected**
- 8 RF Power **High**
- 9 Channel Name VHF Thirty
- 10 Comments **Blank**

Channel 40

- 1 Band VHF
- 2. Shift Simplex
- 3 RX Frequency **146.340**
- 4 Tones CTCSS
- 5 Tone Freq **250.3**
- 6. DTSS De-selected
- 7 Scan **De-selected**
- 8 RF Power **High**
- 9 Channel Name VHF Fourty
- 10 Comments Blank

DTSS Field On

- 1 Band VHF
- 2. Shift Simplex

- 3 RX Frequency **146.340**
- 4 Tones None
- 5. DTSS Selected
- 6 DTSS Code **123**
- 7 Scan **De-selected**
- 8 RF Power **High**
- 9 Channel Name VHF Fifty
- 10 Comments Blank

SCAN Field On

Channel 60

- 1 Band VHF
- 2. Shift Simplex
- 3 RX Frequency **146.340**
- 4 Tones None
- 5. DTSS De-selected
- 6 Scan Selected
- 7 RF Power **High**
- 8 Channel Name VHF Sixty
- 9 Comments Blank

RF Power Field (Low. Medium, High)

Channel 70

- 1 Band VHF
- 2. Shift Simplex
- 3 RX Frequency 146.340
- 4 Tones None
- 5. DTSS De-selected
- 6 Scan **De-selected**
- 7 RF Power **Medium**
- 8 Channel Name VHF Seventy
- 9 Comments Blank

Channel 80

- 1 Band VHF
- 2. Shift Simplex
- 3 RX Frequency 146.340
- 4 Tones None
- 5. DTSS De-selected
- 6 Scan De-selected
- 7 RF Power **Low**
- 8 Channel Name VHF Eighty
- 9 Comments Blank

Comments Field

- 1 Band VHF
- 2. Shift Simplex

	3 4 5. 6 7 8 9	RX Frequency Tones – None DTSS – De-sel Scan – De-sele RF Power – Hig Channel Name Comments – C	ected ected gh – VHF Ninety Nine				
30.	Close th	ne VHF Memory	y form.				
31.	Close th	ne application.					
32.	Select t	he <yes></yes> buttor	n of the Save it confirmation message.				
33.	In the S	ave TMV File d	ialogue box, enter a filename of " Test TMV1 " and save it.				
34.	Open the	ne Test TMV1.tn	nv file and compare the first 10 records of the VHF section to the following	J			
	[VHF M	EMORY]					
	1,VHF,1	46.430,5,S,Off,	N,,Off,,00.00,Off,H,VHF One,				
	10,VHF	,146.340,5,P,Off	f,N,,Off,,00.60,Off,H,VHF Ten,				
	20,VHF	,146.340,5,M,Ot	ff,N,,Off,,00.60,Off,H,VHF Twenty,				
	30,VHF	,146.340,5,S,Of	f,T,67.0,Off,,00.00,Off,H,VHF Thirty,				
	40,VHF,146.340,5,S,Off,C,250.3,Off,,00.00,Off,H,VHF Fourty,						
	50,VHF	,146.340,5,S,Of	f,N,,On,123,00.00,Off,H,VHF Fifty				
	60,VHF	,146.340,5,S,Of	f,N,,Off,,00.00,On,H,VHF Sixty,				
	70,VHF	,146.340,5,S,Of	f,N,,Off,,00.00,Off,M,VHF Seventy,				
	80,VHF	,146.340,5,S,Of	f,N,,Off,,00.00,Off,L,VHF Eighty,				
	99,VHF	,146.340,5,S,Of	f,N,,Off,,00.00,Off,H,VHF Ninety Nine,Comments				
35.	Launch	the application.					
36.	Ensure	TMV file Test T	MV1.tmv is displayed in the Status bar.				
37.	7. Ensure the VHF Memory data display is:						
	Channel 1						
		Ch Nr	1				
		Ch Name	VHF One				
		Rx Freq Shift	146.340 S				
		Offset	<blank></blank>				
		Tone Freq	N <blank></blank>				
		RF Pwr	H _				

	DTSS DTSS Code Reverse Scan Step Comments	Off <blank> Off Off 5 <blank></blank></blank>	- - - - -	
Chann	nel 10			
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	10 VHF Ten 146.340 P 00.60 N <blank> H Off <blank> Off <blank> CH SBlank> Off SBlank></blank></blank></blank>		
Chann	nel 20			
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	20 VHF Twenty 146.340 M 00.60 N <blank> H Off <blank> Off 5 <blank></blank></blank></blank>	- - - - - - - - - - - - - - - - - - -	
Chann	nel 30			
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step	30 VHF Thirty 146.340 S <blank> T 67.0 H Off <blank> Off 5</blank></blank>	- - - - - - - - - - - - -	

	Comments	<blank></blank>			
Chann	Channel 40				
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	40 VHF Fourty 146.340 S <blank> C 250.3 H Off <blank> Off <blank> Off Slank></blank></blank></blank>			
Chanr	nel 50				
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	50 VHF Fifty 146.340 S <blank> N <blank> H On 123 Off Off 5 <blank></blank></blank></blank>			
Chann	nel 60				
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	60 VHF Sixty 146.340 S <blank> N <blank> H Off <blank> Off <blank> CH ON S CH ON S CH ON S CH ON</blank></blank></blank></blank>			
Chanr	nel 70				

70

Ch Nr

	Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	VHF Seventy 146.340 S <blank> N <blank> M Off <blank> Off <blank> Off S <blank></blank></blank></blank></blank></blank>	
Chann	nel 80		
	Ch Nr	80	
	Ch Name	VHF Eighty	
	Rx Freq Shift	146.340 S	
	Offset	<blank></blank>	
	Tone	N	
	Freq	<blank></blank>	
	RF Pwr DTSS	L Off	
	DTSS Code	<blank></blank>	
	Reverse	Off	
	Scan	Off	
	Step	5 «Dlawles	
	Comments	<blank></blank>	
Chann	nel 99		
	Ch Nr	99	
	Ch Name	VHF Ninety Nine	
	Rx Freq	146.340	
	Shift	S «Plank»	
	Offset Tone	<blank> N</blank>	
	Freq	<blank></blank>	
	RF Pwr	Н	
	DTSS	Off	
	DTSS Code Reverse	<blank> Off</blank>	
	Scan	Off	
	Step	5	
	Comments	Comments	

UHF CHANNEL LIST

Shift Field (Simplex, Plus, Minus)

38. Select the **UHF Data** form using the menu **Memory | UHF** menu items.

39. Enter the following records:

Channel 1

- 1 Band UHF
- 2. Shift Simplex
- 3 RX Frequency **446.150**
- 4 Tones None
- 5. DTSS De-selected
- 6 Scan **De-selected**
- 7 RF Power **High**
- 8 Channel Name **UHF One**
- 9 Comments Blank

Channel 10

- 1 Band UHF
- 2. Shift Plus
- 3 RX Frequency 446.150
- 4 Tones None
- 5. DTSS De-selected
- 6 Scan **De-selected**
- 7 RF Power **High**
- 8 Channel Name **UHF Ten**
- 9 Comments Blank

Channel 20

- 1 Band UHF
- 2. Shift Minus
- 3 RX Frequency **446.150**
- 4 Tones None
- 5. DTSS De-selected
- 6 Scan **De-selected**
- 7 RF Power **High**
- 8 Channel Name **UHF Twenty**
- 9 Comments Blank

Tones Field (None, Tone, CTCSS)

- 1 Band UHF
- 2. Shift Simplex
- 3 RX Frequency **446.150**
- 4 Tones **Tone**
- 5 Tone Freq **67.0**
- 6. DTSS **De-selected**
- 7 Scan **De-selected**
- 8 RF Power **High**
- 9 Channel Name **UHF Thirty**
- 10 Comments Blank

- 1 Band UHF
- 2. Shift Simplex
- 3 RX Frequency **446.150**
- 4 Tones CTCSS
- 5 Tone Freq **250.3**
- 6. DTSS **De-selected**
- 7 Scan **De-selected**
- 8 RF Power **High**
- 9 Channel Name **UHF Fourty**
- 10 Comments Blank

DTSS Field On

Channel 50

- 1 Band UHF
- 2. Shift Simplex
- 3 RX Frequency 446.150
- 4 Tones None
- 5. DTSS Selected
- 6 DTSS Code 123
- 7 Scan **De-selected**
- 8 RF Power **High**
- 9 Channel Name **UHF Fifty**
- 10 Comments Blank

SCAN Field On

Channel 60

- 1 Band UHF
- 2. Shift Simplex
- 3 RX Frequency **446.150**
- 4 Tones None
- 5. DTSS De-selected
- 6 Scan Selected
- 7 RF Power **High**
- 8 Channel Name **UHF Sixty**
- 9 Comments Blank

RF Power Field (Low. Medium, High)

- 1 Band **UHF**
- 2. Shift Simplex
- 3 RX Frequency 446.150
- 4 Tones None
- 5. DTSS De-selected
- 6 Scan **De-selected**
- 7 RF Power **Medium**
- 8 Channel Name **UHF Seventy**
- 9 Comments Blank

- 1 Band - UHF
- 2. Shift – Simplex
- 3 RX Frequency - **446.150**
- 4 Tones – **None**
- 5. DTSS - De-selected
- 6 Scan – **De-selected**
- 7 RF Power – Low
- 8 Channel Name – **UHF Eighty**
- Comments Blank

Comments Field

Channel 99

- Band UHF 1
- Shift **Simplex**
- 3 RX Frequency - 446.150
- 4 Tones – **None**
- 5. DTSS – **De-selected**
- 6 Scan – **De-selected**
- 7 RF Power - High
- 8 Channel Name – UHF Ninety Nine
- 9 Comments - Comments
- 40. Close the **UHF Memory** form.
- 41. Close the application.
- 42. Select the **<Yes>** button of the **Save it** confirmation message.
- 43. In the Save TMV File dialogue box, select "Test TMV1" and save it.
- 44. Open the **Test TMV1.tmv** file and compare the first 10 records of the **VHF section** to the following entries:

[UHF MEMORY] 1,UHF,446.150,25,S,Off,N,,Off,,00.00,Off,H, UHF One, 10,UHF,1 446.150 ,25,P,Off,N,,Off,,05.00,Off,H, UHF Ten, 20,UHF,446.150,25,M,Off,N,,Off,,05.00,Off,H, UHF Twenty, 30,UHF,446.150,25,S,Off,T,67.0,Off,,00.00,Off,H, UHF Thirty, 40,UHF,446.150,25,S,Off,C,250.3,Off,,00.00,Off,H, UHF Fourty, 50,UHF,446.150,25,S,Off,N,,On,123,00.00,Off,H, UHF Fifty. 60,UHF,446.150,25,S,Off,N,,Off,,00.00,On,H, UHF Sixty, 70,UHF,446.150,25,S,Off,N,,Off,,00.00,Off,M, UHF Seventy,

80,UHF,446.150,25,S,Off,N,,Off,,00.00,Off,L, UHF Eighty,

	99,UHF,446.150,25,S,Off,N,,Off,,00.00,Off,H, UHF Ninety Nine,Comments				
45.	. Launch the application.				
46.	Ensure TMV file Test	TMV1.tmv is displayed in the Status bar.			
47. 48.	7. Ensure the UHF Memory data display is:				
40.	Channel 1				
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	1 UHF One 446.150 S <blank> N <blank> H Off <blank> Off <blank> Off <blank> Off <blank></blank></blank></blank></blank></blank></blank>			
	Channel 10				
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	10 UHF Ten 446.150 P 05.00 N <blank> H Off <blank> Off Off SBlank> Off Off 25 <blank></blank></blank></blank>			
	Channel 20				
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code	20 UHF Twenty 446.150 M 05.00 N <blank> H Off <blank></blank></blank>			

	Reverse Scan Step Comments	Off Off 25 <blank></blank>	
Chanr	nel 30		
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	30 UHF Thirty 446.150 S <blank> T 67.0 H Off <blank> Off CBlank> Off CS S S S S S S S S S S S S S S S S S</blank></blank>	
Chanr	nel 40		
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	40 UHF Fourty 446.150 S <blank> C 250.3 H Off <blank> Off <blank> Off <h c="" solut<="" solution="" th=""><td></td></h></blank></blank></blank>	
Chanr	nel 50		
	Ch Nr Ch Name Rx Freq Shift Offset Tone Freq RF Pwr DTSS DTSS Code Reverse Scan Step Comments	50 UHF Fifty 446.150 S <blank> N <blank> H On 123 Off Off 25 <blank></blank></blank></blank>	

60 UHF Sixty 446.150 S <blank> N <blank> H Off <blank> Off <blank> CH Off On 25 <blank></blank></blank></blank></blank></blank>		
70 UHF Seventy 446.150		
N		
Off		
<blank></blank>		
25		
<blank></blank>		
80		
UHF Eighty		
		
<blank></blank>		
N 4Dlamba		
Off		
25		
<blank></blank>		
99		
UHF Ninety Nine		
446.150		
	UHF Sixty 446.150 S <blank> N <blank> H Off <blank> Off On 25 <blank> N <blank> N <blank> M Off <blank> Off 25 <blank> N <blank> N <blank> Off Coff 25 <blank> Off Off 25 <blank> Off Off 25 <blank> Off Off 25 <blank> N <blank> Off Off 25 <blank> N <blank> N <blank> Off Off 25 <blank> N <blank> N <blank> N <blank> N <blank> CH CH</blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank></blank>	UHF Sixty 446.150 S <blank> N (Blank> H Off Slank> Off On 25 Slank> 70 UHF Seventy 446.150 S (Blank> M Off Gf Off Off Off Slank> M Off Slank> Off Off Off Off Off Off Off Off Off Of</blank>

Shift	S		
Offset	<blank></blank>		
Tone	N		
Freq	<blank></blank>		
RF Pwr	Н		
DTSS	Off		
DTSS Code	<blank></blank>		
Reverse	Off		
Scan	Off		
Step	25		
Comments	Comments		

49.

END OF TEST