

# AE IV&V Test Case TO9\_9002

## Revision History

Rev. No.	Date	By	Description of Changes
1	11/26/08	Mike Rega	Initial version

### 1. TEST CASE IDENTIFIER

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TO9\_9002

### 2. NARRATIVE

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Verify that WarnGen creates properly formatted followup products.

### 3. REFERENCES (Optional)

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None

### 4. FEATURES TO BE TESTED

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Verify that WarnGen creates properly formatted followup products. This involves issuing a TOR and an SVR. During the warning life cycle (REISSUE, COR, CAN, CON, EXP), verify items such as the proper manipulation of the warning polygon, correct VTEC coding, proper locking of WarnGen GUI options, correct time references, storm location updates, etc.

### 5. SETUP INSTRUCTIONS/PREREQUISITES

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None

### 6. ACCEPTANCE CRITERIA

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Step(s)	Criteria	Comments
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Step(s)	Criteria	Comments
1	All steps should be successfully performed.	

### 7. TESTING PROCEDURE

Step	Procedure	Expected Result	Actual Result
1	Start CAVE, zoom to CWA scale	County boundaries display	
2	Start the text workstation	Text workstation windows display	
3	From the "maps" menu, plot CWA boundaries, county names and cities	CWA boundaries, county names and cities display	
4	Load a local radar reflectivity image	Current radar image displays	
5	Load the local warnings display	Local warning label displays, even if no warnings are currently active	
6	Launch WarnGen	WarnGen GUI appears, 'drag me to storm' dot appears	
7	Select TOR product, duration 30 minutes or longer	GUI shows TOR selected	
8	Adjust storm path, speed, polygon, be sure that at least two counties are included in the warning	Storm path, speed, polygon adjust accordingly	
9	Select desired optional bullets	GUI shows optional bullets selected	
10	Use "create text" to generate work version	Verify the proper format of the product – WMO and AWIPS heading, UGC, VTEC, MND, headline, four bullets with correct cities and storm location/movement, LAT...LON and TML lines	
11	Use "send"	The product should store in the fxatext database and be 'sent' on the AWIPS 'network', the EDEX log entries should show the product storage and send	

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Step	Procedure	Expected Result	Actual Result
12	Repeat steps 7 through 11 and send a TOR for a different county	Same as above	
13	Verify that corrections can be issued for the TOR, use 'create text'. The COR should only allow changes in product wording, not allow changes in the geographic extent of the warning.	Verify that COR is indicated in the WMO heading, VTEC and MND, verify format of the rest of the warning	
14	Verify that the TOR can be reissued (NEW), this means issuing a new warning based on the original polygon/text.	Verify the proper format of the product – WMO and AWIPS heading, UGC, VTEC, MND, headline, four bullets with correct cities and storm location/movement, LAT...LON and TML lines	
15	Select SVS product, use 'create text' and 'send' the product	Verify the proper format of the product – WMO and AWIPS heading, MND, UGC, segmentation, VTEC, list of counties, date/time, headline and bullets, LAT...LON and TML lines	
16	Verify that corrections can be issued for the SVS, the SVS should have no NEW option (REISSUE)	Verify that COR is indicated in the WMO heading, VTEC and MND, verify format of the rest of the warning	
17	Select SVS product, verify that the original warning can be continued (CON option)	Verify the proper format of the CON product – WMO and AWIPS heading, MND, UGC, segmentation, VTEC, list of counties, date/time, headline and bullets, LAT...LON and TML lines	
18	Select SVS product, verify that a second CON can be created	Same as above	

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<b>Step</b>	<b>Procedure</b>	<b>Expected Result</b>	<b>Actual Result</b>
19	Select SVS product, verify that a partial cancellation can be done (CON option), adjust polygon to remove one county from the warning (CAN)	Verify the proper format of the CON/CAN product – WMO and AWIPS heading, MND, UGC, CAN and CON segments, VTEC, list of counties, date/time, headline and bullets, LAT...LON and TML lines	
20	Select SVS product, verify that a full cancellation can be done (CAN)	Verify the proper format of the CAN product – WMO and AWIPS heading, MND, UGC, segmentation, VTEC, list of counties, date/time, headline and bullets, LAT...LON and TML lines	
21	Select SVS product, verify that an expiration can be done (EXP) for the warning still in effect	Verify the proper format of the EXP product – WMO and AWIPS heading, MND, UGC, segmentation, VTEC, list of counties, date/time, headline and bullets, LAT...LON and TML lines	
22	Repeat steps 7 through 21 for the SVR and associated SVS followup products	Same as above	
	End of test		