

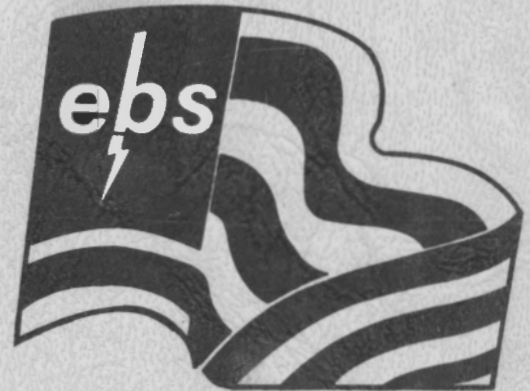
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DECEMBER 1975

**EMERGENCY
BROADCAST SYSTEM
PROCEDURES
(SUPPLEMENT)**



**CHECKLIST OF ACTIONS
ANNEX A**

**TAPE PREPARATION
ANNEX B**



U.S. ARMY INTERAGENCY COMMUNICATIONS AGENCY

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WARNING NOTICE

THE EMERGENCY BROADCAST SYSTEM IS A COMBINED EFFORT OF THE BROADCAST INDUSTRY, PRESS WIRE SERVICES, TELEPHONE COMPANY, AND GOVERNMENT ACTIVITIES WHICH CAN QUICKLY AFFECT THE ENTIRE UNITED STATES. IRREGULARITIES IN PROCEDURES, EQUIPMENT, AND CIRCUITRY WHICH REACH INDUSTRY CAN CREATE PROBLEMS OF EPIC PROPORTIONS.

ANY EMPLOYEE NOTING ANY IRREGULARITIES, INCLUDED IN BUT NOT LIMITED TO THE ABOVE, WITH RESPECT TO USAICA'S RESPONSIBILITIES IN THE EBS WILL IMMEDIATELY NOTIFY THE USAICA SYSTEMS CONTROLLER.

EMERGENCY BROADCAST SYSTEM
PROCEDURES SUPPLEMENT

Contained herein are Annexes A and B to USAICA's Emergency Broadcast Procedures as follows:

	<u>Annex</u>
Check Lists of Actions	A
Preparation of Teletypewriter Tapes	B

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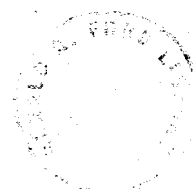


CHECK LISTS OF ACTIONS
EBS ACTIVATION, TERMINATION, NIAC ORDER CHANGE,
AND RELATED TESTS

This annex contains check lists of actions required by USAICA Systems Controller, COMMCEN, Audio-Visual, and Electronics Maintenance personnel. The lists should be used as work sheets and retained as backup information to support the preparation of reports.

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Annex A to USAICA EBS Procedures



Actual EBS Activation

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Abbreviations in left column indicate who is to perform the step:

WTO - WHCA Trip Officer (or Duty Officer)

U SC - USAICA Systems Controller

U CMC - USAICA Communications Center Section Chief

WTO (time) 1. One origination point contacted (USAICA or ADCOM).

USAICA AUTOVON: 380-0099/380-5500
Commercial: 202-737-5721, x5500

"This is _____, WHCA Trip Officer
(name)
with an actual EBS Activation Order. Pre-
pare to copy."

U SC 2. Internal readiness.

"Please standby."

U SC 3. Internal readiness completed.

Systems Controller and assistant establish conference with WHCA Trip Officer and prepare to copy order.

U SC 4. Internal readiness reported.

"This is the USAICA Systems Controller.
Ready to copy your actual EBS Activation
Order."

WTO 5. Actual EBS Activation Authentication from
 test list on inside of WHCA-1.

"I authenticate (line)(challenge)."

U SC 6. Actual EBS Activation Authentication response.

"This is _____, USAICA Systems Con-
(name)
troller. I authenticate _____.
(line)(reply)
Ready to copy your actual EBS Activation
Order."

WTO

7. Actual EBS Activation Order transmitted.

"Roger, I am calling from _____
(area code)
_____. I request
(complete telephone number)
immediate release of the Emergency Action
Notification message. NIAC Order _____
(number)
is being requested. Date and time of
activation is _____,
(date) (time)(AM/PM)
Washington, DC, time."

U SC

8. Actual EBS Activation Order received.

"I acknowledge and will comply with your
request for immediate release of the EAN
and will transmit NIAC Order _____.
(number)
Date and time of activation is _____,
(date)
_____, Washington, DC, time. Re-
(time)(AM/PM)
quest you maintain circuit connection if
possible."

U SC

9. If NIAC Order 1 or 2, remove 400 Hz tone
from NIAC 1 and 2 circuitry.

U SC

(time)

10. COMMCEN contacted using dial intercom.
(If NIAC Order 2, also conference EMB and
TV/R who listen only.)

"This is an actual EBS Activation. Prepare
to copy."

U CMC

11. Internal readiness.

"Please standby."

U CMC

12. Internal readiness completed.

The COMMCEN Section Chief immediately sum-
mons the operator assigned EBS actions for
that shift while simultaneously locating
his book of EBS check lists. The COMMCEN
Section Chief tells the operator that an

EBS Activation Order is to be issued. The COMMCEN Section Chief and the EBS operator each unlock with separate keys the side of the EBS cabinet containing the actual "live" EBS teletypewriter tapes. The COMMCEN Section Chief removes the EBS Authenticator List (Red Envelope) stored in the tape cabinet. He opens the envelope and locates the actual EBS activation authenticator for that day. He then returns to contact with the Systems Controller via the dial intercom (the EBS operator stands by).

U CMC

13. Internal readiness reported.

"This is the COMMCEN Section Chief. Ready to copy your actual EBS Activation Order."

U SC

(time)

14. Actual EBS Activation Order issued to COMMCEN.

"This is an actual EBS Activation. I am _____, USAICA Systems Controller.
(name)

Release the RED actual EBS Activation teletype tape with NIAC Order _____.
(number)

Date and time of activation is _____,
(date)
_____, Washington, DC, time (as
(time)(AM/PM)
received from the WTO)."

U CMC

15. Actual EBS Activation Order received.
(The EBS Operator listens to the COMMCEN Section Chief's response.)

"This is _____, COMMCEN Section Chief.
(name)

I will release the RED actual EBS Activation teletype tape with NIAC Order _____.
(number)

Date and time of activation is _____,
(date)
_____, Washington, DC, time. I
(time)(AM/PM)

will use the following authenticator from
inside the Red Envelope* (authenticator)."

- U SC 16. Verifies authenticator from his RED Envelope.
- "I verify that the authenticator
(authenticator) is correct. Notify me
when the tape has started."
- U CMC 17. COMMCEN Section Chief removes the RED tape from the tape cabinet. Both he and the EBS operator check the color before the COMMCEN Section Chief releases the tape. The operator loads the tape in the 500 Net TD.
- U CMC 18. Red tape feeds through TD and stops at "USAICA Check Tape." Both the Section Chief and the EBS operator verify that an actual EBS Activation Tape is being released before restart.
- U CMC 19. Red tape restarted and Systems Control
(time) notified that 500 Net transmission has commenced. Message should print out on RO Terminal if transmission is going out over net.
- U CMC 20. Tape automatically stops twice to permit entry of the current authenticator words (contained in the Red EBS Authentication Envelope). Tape stops again and operator enters date and Washington, DC, time as provided by the Systems Controller. Tape is again restarted and continues to feed until the EAN is completed, after which several line feed functions and the word "STANDBY" appear.

*In the unlikely event that two or more live EBS activations occur on the same day, use the same authenticator words for that day.

CONTINGENCY
(See Appendix 6)

U CMC

Any significant failure on the USAICA 500 Net ASR will be immediately reported to the Systems Controller with the recommendation that ADCOM be requested to effect release and obtain acknowledgements. (Implementing telephone back-up alerting procedures will revert back to the station having original responsibility.)

U SC

ADCOM Command Director will be asked to release the 500 Net transmission. A different authenticator than that used to respond to WHCA will be used as a challenge to ADCOM. ADCOM will respond with the next unused line and authenticator in the ADCOM column.

U SC

21. Immediately upon notification of release of the EBS Activation message, the Systems Controller uses the 300 Net to confirm its authenticity with AP/UPI and ADCOM.

"This is USAICA. The President has ordered an activation of the Emergency Broadcast System. I am _____. I am transmitting the activation message over the EBS Teletypewriter Network. The authenticator is _____ (name)

_____ (authenticator words used in Activation Tape). Are you receiving the message?"

AP/
UPI/ (time)
ADCOM

22. Confirmation (log name of AP/UPI/ADCOM personnel).

AP _____ (name)
UPI _____ (name)
ADCOM _____ (name)

- U SC 23. If he is still on the circuit, notify WTO of confirmation with AP/UPI/ADCOM.

NOTE: If a program is to originate at or pass through USAICA (e.g., NIAC Order 2), refer to Appendix 10 for additional actions.

- U CMC 24. NIAC Order Message transmitted.

After completion of transmission of the EAN teletype message and the word "STANDBY," the RED tape continues to feed for a one-minute period of letters functions, then the NIAC Order Message transmits. Tape stops to permit entry of NIAC Order Number (spelled out). Operator restarts. Tape continues to feed until it again stops to allow entry of the same date and Washington, DC, time used before. Operator again restarts and tape feeds until transmission is completed.

- U CMC (time) 25. Activation Order tape transmission completed. Poll for acknowledgements. COMMCEN transmits polling signal to the 500 Net from his Station Selector. Stations operate acknowledge key after acceptance of activation and NIAC Order message. Automatic polling activated by origination point sequentially accepts these bids.

- U CMC (time) 26. First polling attempt consisting of three cycles completed. Notify Systems Controller of identity of stations failing to acknowledge.

- U SC (time) 27. If he is still on the circuit, notify WHCA Trip Officer of the number of stations failing to acknowledge the first polling attempt.

- U CMC (time) 28. Retry polling of delinquent stations by transmitting, selectively from message addressor, "Please Acknowledge" message included at the end of each tape. Simultaneously, begin instituting by telephone notification to those delinquent stations

U CMC 29. Notify Systems Controller of status of acknowledgements on a continuing basis.

U CMC (time) 30. Notify Systems Controller of time all stations have been contacted by telephone and have acknowledged.

U SC (time) 31. Notify WHCA Trip Officer of completed actions if he is still on the line.

(Other information on the status of acknowledgements and problem areas will be furnished. In the event the WTO has not been able to keep his circuit open, he will be recalled only in the event of a major delay or if every attempt has failed to reach one or more of the nine priority 1 stations.)

- 7

U SC (time) 34. Report Actual EBS Activation internally as required.

USAICA Commander/Technical - at all times
Director

Director, Supported Activity - at all times

WCD Duty Officer - at all times

Chief, Comm Ops Div - at all times

Chief, AVB, or EMB - at all times

U SC 35. Notify ADCOM or WHCA, as appropriate, of the authenticators in the WHCA-1 Authentication List which have been used in this action.

ACTUAL EBS ACTIVATION

USAICA SENDS

USAICA CHECK TAPE

XX

THIS IS AN EMERGENCY ACTION NOTIFICATION REQUESTED BY THE WHITE
HOUSE. THE AUTHENTICATOR WORD FOR THIS NOTIFICATION IS

_____. ALL STATIONS FOLLOW PROCEDURES IN THE EBS
CHECKLIST FOR NATIONAL-LEVEL EMERGENCY. THE PRESIDENT
OR HIS DESIGNATED REPRESENTATIVE WILL SHORTLY DELIVER
A MESSAGE OVER THE EMERGENCY BROADCAST SYSTEM.

THE AUTHENTICATOR WORD IS _____.

_____, WASHINGTON, DC, TIME.

XX

STANDBY

XX

ACTIVATION OF THE EMERGENCY BROADCAST SYSTEM HAS BEEN REQUESTED BY
THE WHITE HOUSE. IMMEDIATE IMPLEMENTATION OF NIAC ORDER _____
IS REQUESTED.

THE AUTHENTICATOR WORD IS _____.

_____, WASHINGTON, DC, TIME.

XX

ACKNOWLEDGE

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WTO - WHCA Trip Officer (or Duty Officer)
U SC - USAICA Systems Controller
U CMC - USAICA Communications Center Section Chief

"This is _____, WHCA Trip
(name)
Officer, with an actual EBS NIAC Order
Change. Prepare to copy."

"Please standby."

Systems Controller and assistant establish conference with WHCA Trip Officer and prepare to copy order.

"This is the USAICA Systems Controller.
Ready to copy your actual EBS NIAC Order
Change."

"I authenticate (line) (challenge)."

"This is _____, USAICA Systems
(name)
Controller. I authenticate _____.
(line) (reply)
Ready to copy your actual EBS NIAC Order
Change."

WTO

7. Actual EBS NIAC Order Change transmitted.

"Roger, I am calling from _____
(area code)
_____. Request you
(complete telephone number)
terminate NIAC Order _____ and transmit
(number)
new NIAC Order _____. Date and time of
(number)
order change is _____,
(date) (current time)
_____, Washington, DC, time."
(AM/PM)

U SC

8. Actual EBS NIAC Order Change received.

"I acknowledge and will comply with your
request for NIAC Order Change and will
terminate NIAC Order _____ and transmit
(number)
new NIAC Order _____. Date and time of
(number)
order change is _____,
(date) (time)(AM/PM)
Washington, DC, time."

U SC

9. If NIAC Order 1 or 2 is being activated,
remove 400 Hz tone from NIAC 1 and 2 cir-
cuitry.

U SC

10. COMMCEN contacted using dial intercom. (If
NIAC Order 2, also conference EMB and TV/R
who will listen only.)

U CMC

11. Internal readiness.

"Please standby."

The COMMCEN Section Chief immediately sum-
mons the operator assigned EBS actions for
that shift while simultaneously locating
his book of EBS check lists. The COMMCEN
Section Chief tells the operator that an
EBS NIAC Order Change is to be issued.
The COMMCEN Section Chief and the EBS

operator each unlock with separate keys the side of the EBS cabinet containing the actual "live" EBS teletypewriter tapes. The COMMCEN Section Chief removes the EBS Authenticator List (Red Envelope) stored in the tape cabinet. He opens the envelope and locates the actual EBS NIAC Order Change authenticator for that day. He then returns to contact with the Systems Controller via the dial intercom (the EBS operator stands by).

U CMC

13. Internal readiness reported.

"This is the COMMCEN Section Chief. Ready to copy your actual NIAC Order Change."

U SC
(time)

14. Actual EBS NIAC Change Order issued to COMMCEN.

"This is an actual EBS NIAC Order Change. I am _____, USAICA Systems
(name)

Controller. Release the BLUE actual EBS NIAC Change Order teletype tape. Terminate NIAC Order _____ and transmit new NIAC
(number)

Order _____. Date and time of order
(number)

change is _____, Washington,
(date) (time)(AM/PM)
D.C., time (as received from the WTO)."

U CMC

15. Actual EBS NIAC Order Change received. (The EBS Operator listens to the COMMCEN Section Chief's response.)

"This is _____, COMMCEN Section
(name)

Chief. I will release the BLUE actual EBS NIAC Order Change teletype tape. Terminate NIAC Order _____ and transmit new NIAC
(number)

Order _____. Date and time of order
(number)

change is _____,
(date) (time) (AM/PM)

Washington, D.C., time. I will use the

following indicator from inside the RED Envelope (words from the activation column are used) * (authenticator)."

- U SC 16. Verifies authenticator from his RED Envelope.
- "I verify that the authenticator
 (authenticator) is correct. Notify
 me when the tape has started."
- U CMC 17. COMMCEN Section Chief removes the BLUE tape from the tape cabinet. Both he and the EBS operator check the color before the COMMCEN Section Chief releases the tape. The operator loads the tape in the 500 Net TD.
- U CMC 18. BLUE tape feeds through TD and stops at "USAICA Check Tape." Both the Section Chief and the EBS operator verify that an actual EBS NIAC Order Change Tape is being released before restart.
- U CMC 19. BLUE tape restarted and Systems Con-
 (time) troller notified that 500 Net trans-
 mission has commenced. Message should
 print out on RO Terminal if transmission
 is going out over net.
- U CMC 20. Tape stops again and operator enters number of NIAC Order Number (spelled out) being terminated. After restart, again tape stops to allow entry of the new NIAC Order Number (spelled out) being implemented. A third stop permits entry of the current authenticator words from the RED Envelope (words from the activation column are used). If the NIAC Order Change occurs on the same day as an Actual EBS Activation, the same authenticator words as for the activation are used. The operator restarts tape. A final stop

*In the unlikely event that two or more live EBS actions occur on the same day, use the same authenticator words for that day.

is necessary to enter the date and Washington, DC, time as provided by the Systems Controller. Operator restarts. Tape continues to feed until transmission is completed.

CONTINGENCY
(See Appendix 6)

U CMC

Any significant failure on the USAICA 500 Net ASR will be immediately reported to the Systems Controller with the recommendation that ADCOM be requested to effect release and obtain acknowledgements. This procedure should be attempted before resorting to telephone backup alerting procedures. (Implementing telephone backup procedures will revert to the station having original responsibility.

U SC

ADCOM Command Director will be asked to release the 500 Net transmission. The next unused authenticator will be used as a challenge to ADCOM. ADCOM will respond with the next unused line and authenticator in the ADCOM column.

U SC

21. Immediately upon notification of release of the EBS NIAC Order Change message, the Systems Controller uses the 300 Net to confirm its authenticity with AP/UPI and ADCOM.

"This is USAICA. This is an actual EBS NIAC Order Change. I am _____ . I am

(name)

transmitting the actual NIAC Order Change message over the EBS Teletypewriter Network. The authenticator is _____

(authenticator words

_____. Are you
used in NIAC Order Change Tape)
receiving the message?"

If either AP or UPI is not receiving or has not received the message, it will immediately be read over the telephone by the Systems Controller.

AP/UPI/_____
ADCOM (time) 22. Confirmation (log name of AP/UPI/ADCOM personnel).

AP _____
(name)
UPI _____
(name)
ADCOM _____
(name)

U SC 23. If he is still on the circuit, notify WTO of confirmation with AP/UPI/ADCOM.

NOTE: If new program is to originate at or pass through USAICA (e.g., NIAC Order 2), refer to Appendix 10 for additional actions.

U CMC (time) 24. NIAC Order Change Tape Transmission completed. Poll for acknowledgements.

COMMEN transmits polling signal to the 500 Net from his Station Selector. Stations operate acknowledge key after acceptance of NIAC Order Change message. Automatic polling activated by origination point sequentially accepts these bids.

U CMC (time) 25. First polling attempt consisting of three cycles completed. Notify Systems Controller of number of stations failing to acknowledge.

U SC (time) 26. If he is still on the circuit, notify WHCA Trip Officer of the number of stations failing to acknowledge first polling attempt.

U CMC (time) 27. Retry polling of delinquent stations by transmitting, selectively from message addressor, "Please Acknowledge" message included at end of each tape. Simultaneously, begin instituting by telephone notification to those delinquent stations in the order of priority given on the telephone lists. If there is sufficient reason in the judgement of the COMMEN Section Chief that a number of stations did not receive the message, he may retransmit. Otherwise, he will have the

message read over the phone. The teletype polling will continue as the telephoning is being made. As additional acknowledgements are received via teletype, the telephoning of these stations will be discontinued. The procedure will continue until all stations have acknowledged.

- U CMC 28. Notify Systems Controller of status of acknowledgements on a continuing basis.
- U CMC (time) 29. Notify Systems Controller of time all stations have been contacted by telephone and have acknowledged.
- U SC (time) 30. Notify WHCA Trip Officer of completed actions if he is still on the line.

"This is the USAICA Systems Controller. I have received acknowledgements from the 500 Net as of (date), (time),

Washington, D.C., time."

(Other information on the status of acknowledgements and problem areas will be furnished. In the event the WTO has not been able to keep his circuit open, he will be recalled only in the event of a major delay or if every attempt has failed to reach one or more of the nine Priority 1 stations.)

- WTO (time) 31. Disconnect circuit.
- U. SC (time) 32. National III Warning Center notified of NIAC change order.
- U SC (time) 33. If NIAC Order 1 or 2 is being terminated, restore 400 Hz tone to NIAC 1 and 2 circuitry.
- U SC (time) 34. Report Actual EBS NIAC Order Change internally as required.

USAICA Commander/

Technical Director - at all times.
Director, Supported
Activity - at all times.

WCD Duty Officer - at all times.
Chief, Comm Ops
Div - at all times.
Chief, AVB, or
EMB - at all times.

U SC

35. Notify ADCOM or WHCA, as appropriate,
of the authenticators in the WHCA-1
Authentication List which have been
used in this action.

ACTUAL EBS NIAC ORDER CHANGE

USAICA SENDS

USAICA CHECK TAPE

XX

TERMINATION OF NIAC ORDER _____ IS REQUESTED. IMMEDIATE

IMPLEMENTATION OF NIAC ORDER _____ IS REQUESTED.

THE AUTHENTICATOR WORD IS _____.

_____, WASHINGTON, D.C., TIME.

XX

ACKNOWLEDGE



Actual EBS Termination

29 Sep 75

Abbreviations in left column indicate who is to perform the step:

WTO - WHCA Trip Officer (or Duty Officer)

U SC - USAICA Systems Controller

U CMC - USAICA Communications Center Section Chief

WTO. (time) 1. One origination point contacted (USAICA or ADCOM).

USAICA AUTOVON: 380-0099/380-5500
Commercial: 202-737-5721, x5500

"This is _____, WHCA Trip
(name)

Officer, with an actual EBS Termination Order. Prepare to copy."

U SC 2. Internal Readiness.

"Please standby."

U SC 3. Internal Readiness completed.

Systems Controller and assistant establish conference with WHCA Trip Officer and prepare to copy order.

U SC 4. Internal Readiness reported.

"This is the USAICA Systems Controller.
Ready to copy your actual EBS Termination
Order."

WTO 5. Actual EBS Termination Authentication.

"I authenticate (line) (challenge)."

U SC 6. Actual EBS Termination Authentication
 response.

"This is _____, USAICA Systems
(name)

Controller. I authenticate (line)(reply).
Ready to copy your actual EBS Termination
Order."

- WTO 7. Actual EBS Termination Order transmitted.
- "Roger, I am calling from _____
(area code)
_____, I request
(complete telephone number)
termination of the actual EBS. Date
and time of termination is _____,
(date)
_____, Washington, D.C., time."
(time) (AM/PM)
- U SC 8. Actual EBS Termination Order received.
- "I acknowledge and will take action to
comply with your request for actual EBS
termination. Date and time of termi-
nation is _____,
(date) (time) (AM/PM)
Washington, D.C., time."
- U SC 9. COMMCEN contacted using dial intercom.
- "This is an actual EBS Termination.
Prepare to copy."
- U CMC 10. Internal readiness.
- "Please standby."
- U CMC 11. Internal readiness completed.
- The COMMCEN Section Chief immediately
summons the operator assigned EBS actions
for that shift while simultaneously
locating his book of EBS check lists.
The COMMCEN Section Chief tells the
operator that an actual EBS Termination
Order is to be issued. The COMMCEN
Section Chief and the EBS operator
each unlock with separate keys the
side of the EBS cabinet containing the
actual "live" EBS teletypewriter tapes.
The COMMCEN Section Chief removes the
EBS Authenticator List (Red Envelope)
stored in the tape cabinet. He opens

the envelope and locates the actual EBS termination authenticator for that day. He then returns to contact with the Systems Controller via the dial intercom (the EBS operator stands by).

U CMC 12. Internal readiness reported.

"This is the COMMCEN Section Chief. Ready to copy your actual EBS Termination Order."

U SC (time) 13. Actual EBS Termination Order issued to COMMCEN.

"This is an actual EBS Termination. I am _____, USAICA Systems
(name)
Controller. Release the GREEN actual EBS Termination teletype tape. Date and time of termination is _____,
(date)
_____, Washington, D.C., time
(time)(AM/PM)
(as received from the WTO)."

U CMC 14. Actual EBS Termination Order received.
(The EBS Operator listens to the COMMCEN Section Chief's response.)

"This is _____, COMMCEN
(name)
Chief. I will release the GREEN actual EBS Termination telephone tape. Date and time of termination is _____,
(date)
_____, Washington, D.C., time.
(time) (AM/PM)
I will use the following authenticator from inside the RED Envelope *
_____.
(authenticator)"

*In the unlikely event that two or more actual EBS Terminations occur on the same day, use the same authenticator words for that day.

- U SC 15. Verifies authenticator from his RED Envelope.
- "I verify that the authenticator
 is correct. Notify me
 (authenticator)
 when the tape has started."
- U CMC 16. COMMCEN Section Chief removes the GREEN tape from the tape cabinet. Both he and the EBS operator check the color before the COMMCEN Section Chief releases the tape. The operator loads the tape in the 500 Net TD.
- U CMC 17. GREEN tape feeds through TD and stops at "USAICA Check Tape". Both the Section Chief and the EBS operator verify that an actual EBS Termination Tape is being released before restart.
- U CMC 18. GREEN tape restarted and Systems Controller notified that 500 Net transmission has commenced. Message should print out on RO Terminal if transmission is going out over the net.
- (time)
- U CMC 19. Tape automatically stops twice to permit entry of the current authenticator words (contained in the RED EBS Authentication Envelope). Tape stops again and operator enters date and Washington, D.C., time as provided by the Systems Controller. Tape is again restarted and continues to feed until the tape is completed.

CONTINGENCY

(See Appendix 8)

U CMC Any significant failure on the USAICA 500 Net ASR will be immediately reported to the Systems Controller with the recommendation that ADCOM be requested to effect release and obtain acknowledgements. This procedure should normally be attempted before resorting to telephone backup alerting procedures. (Implementing telephone backup alerting procedures

will revert back to the station having original responsibility.)

U SC

ADCOM Command Director will be asked to release the 500 Net transmission. The next unused authenticator will be used as a challenge to ADCOM. ADCOM will respond with the next unused line and authenticator in the ADCOM column.

U SC

20. Immediately upon notification of the release of the actual EBS Termination message, the Systems Controller uses the 300 Net to confirm its authenticity with AP/UPI and ADCOM.

"This is USAICA. The President has ordered an actual EBS Termination. I am _____. I am transmitting
(name)
the actual termination message over the EBS Teletypewriter Network. The authenticator is _____
(authenticator words
used in termination tape). Are you receiving the message?"

If either AP or UPI is not receiving or has not received the message, it will immediately be read over the telephone by the Systems Controller.

AP/UPI/_____
ADCOM (time) 21.

Confirmation (log name of AP/UPI/ADCOM personnel).

AP _____
(name)
UPI _____
(name)
ADCOM _____
(name)

- U CMC (time) 22. Termination Order Message transmission completed. Poll for acknowledgements.
- COMMCEN transmits polling signal to the 500 Net from his Station Selector. Stations operate acknowledge key after acceptance of termination message. Automatic polling activated by origination point sequentially accepts these bids.
- U CMC (time) 23. First polling attempt consisting of three cycles completed. Notify Systems Controller of number of stations failing to acknowledge.
- U CMC 24. Retry polling of delinquent stations by transmitting, selectively from message addressor, "Please Acknowledge" message included at the end of each tape. Simultaneously begin instituting by telephone notification to those delinquent stations in the order of priority given on the telephone lists. If there is sufficient reason in the judgement of the COMMCEN Section Chief that a number of stations did not receive the message, he may retransmit. Otherwise, he will have the message read over the telephone. The teletype polling will continue as the telephoning is being made. As additional acknowledgements are received via teletype, the telephoning of these stations will be discontinued. The procedure will continue until all stations have acknowledged.
- U CMC 25. Notify Systems Controller of status of acknowledgements on a continuing basis.
- U CMC (time) 26. Notify Systems Controller of time all stations have been contacted by telephone and have acknowledged.
- U SC (time) 27. Notify WHCA Trip Officer in the event of a major delay or if every attempt has failed to reach one or more of the nine Priority 1 stations.

- WTO 28. Disconnect circuit.
 (time)
- U SC 29. National III Warning Center notified of
 (time) Actual EBS Termination.
- U SC 30. If NIAC Order 1 or 2 terminated, restore
 400 Hz tone for the NIAC 1 or 2 circuitry.
- U SC 31. Report Actual EBS Termination internally
 (time) as required.
- USAICA Commander/
 Technical Director - at all times.
 Director, Supported
 Activity - at all times.
 WCD Duty Officer - at all times.
 Chief, Comm Ops
 Div - at all times.
 Chief, AVB, or
 EMB - at all times.
- U SC 32. Notify ADCOM or WHCA, as appropriate, of
 the authenticators in the WHCA-1
 Authentication List which have been
 used in this action.

ACTUAL EBS TERMINATION

USAICA SENDS

USAICA CHECK TAPE

XX

THIS IS AN EMERGENCY ACTION TERMINATION. THE AUTHENTICATOR

WORD IS _____. ALL STATIONS

FOLLOW THE EBS CHECKLIST FOR TERMINATION PROCEDURES.

THE AUTHENTICATOR WORD IS _____.

_____, WASHINGTON, DC, TIME.

XX

ACKNOWLEDGE

EBS

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Abbreviations in the left column indicate who is to perform the step:

WTO - WHCA Trip Officer (or Duty Officer)

U SC - USAICA Systems Controller

U CMC - USAICA COMMCEN Section Chief

WTO 1. One origination point contacted (USAICA or
 (time) ADCOM).

USAICA AUTOVON: 380-0099/380-5500
Commercial: 202-737-5721, x5500

"This is _____, WHCA Trip
(name)
Officer, with an EBS Closed Circuit Test
Activation Order. Prepare to copy."

U SC 2. Internal readiness.

"Please standby."

U SC 3. Internal readiness completed.

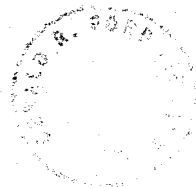
Systems Controller and assistant establish conference with WHCA Trip Officer and prepare to copy order.

U SC 4. Readiness reported.

"This is the USAICA Systems Controller.
Ready to copy your EBS Closed Circuit Test
Activation Order."

WTO 5. EBS Closed Circuit Test Activation Authentication from test list on inside flap of WHCA-1.

"I authenticate (line) (challenge)."



U SC

6. EBS Closed Circuit Test Activation Authentication response.

"This is _____, USAICA
(name)
Systems Controller. I authenticate
_____. Ready to copy your
(line)(reply)
EBS Closed Circuit Test Activation
Order."

WTO

7. EBS Closed Circuit Test Activation Order transmitted.

"Roger, I am calling from _____
(area code)
_____. I request
(complete telephone number)
immediate release of the EBS Closed
Circuit Test EAN Message. NIAC Order
_____ is being requested. The test
(number)
program will begin on _____,
(date) (time) (AM/PM)
Washington, D.C., time. Date and time of
activation is _____,
(date) (time) (AM/PM)
Washington, D.C., time."

U SC

8. EBS Closed Circuit Test Activation Order received.

"I acknowledge and will comply with your
request for immediate release of the EBS
Closed Circuit Test EAN message and will
transmit NIAC Order _____ with test
(number)
program to begin on _____,
(date) (time) (AM/PM)
Washington, D.C., time. Date and time of
activation is _____,
(date) (time) (AM/PM)
Washington, D.C., time. Request you
maintain circuit connection if possible."

U SC

9. If NIAC Order 1 or 2, remove 400 Hz tone
from NIAC 1 and 2 circuitry (or at a time
specified by WHCA).

- U SC 10. COMMCEN contacted using dial intercom.
(If NIAC Order 2, also conference EMB
and TV/R who listen only.)
- "This is an EBS Closed Circuit Test
Activation. Prepare to copy."
- U CMC 11. Internal readiness.
- "Please standby."
- U CMC 12. Internal readiness completed.
- The COMMCEN Section Chief immediately
summons the operator assigned EBS actions
for that shift while simultaneously
locating his book of EBS check lists.
The COMMCEN Section Chief tells the
operator that an EBS Closed Circuit Test
Activation Order is to be issued. The
COMMCEN Section Chief and the EBS
operator each unlock with separate keys
the side of the EBS cabinet containing
the EBS Closed Circuit Test teletypewriter
tapes. The COMMCEN Section Chief removes
the EBS Authenticator List (RED Envelope)
stored in the tape cabinet. He notes
the outside of the envelope and locates
the EBS Test authenticator for that month.
He then returns to contact with the Systems
Controller via the dial intercom (the EBS
operator stands by).
- U CMC 13. Internal readiness reported.
- "This is the COMMCEN Section Chief. Ready
to copy your EBS Closed Circuit Test
Activation Order."
- U SC 14. Closed Circuit Test EBS Activation Order
(time) issued to COMMCEN.

"This is an EBS Closed Circuit Test Activation. I am _____,
(name)

USAICA Systems Controller. Release the WHITE EBS Closed Circuit Test Activation teletype tape with NIAC Order _____.
(number)

will begin on _____,
(date) (time) (AM/PM)

Washington, D.C., time. Date and time of activation is _____,
(date) (time)

_____, Washington, D.C., time (as
(AM/PM)

received from the WTO).

U CMC

15. EBS Closed Circuit Test Activation Order received. (The EBS Operator listens to the COMMCEN Section Chief's response.)

"This is _____, COMMCEN
(name)

Section Chief. I will release the WHITE EBS Closed Circuit Test Activation teletype tape with NIAC Order _____.
(number)

The test program will begin on _____,
(date)
(time) (AM/PM), Washington, D.C., time.

Date and time of activation is _____,
(date)
(time) (AM/PM), Washington, D.C., time.

I will use the following authenticator from outside the RED Envelope * _____
(authenticator) (month)

*In the unlikely event that more than one EBS Closed Circuit Test is conducted in a single month, use the same authenticator words for that month.

U - SC

16. Verifies authenticator from his RED Envelope.

"I verify that the authenticator
(authenticator) is correct. Notify
me when the tape has started."

U : CMC

17. COMMCEN Section Chief removes the WHITE tape from the tape cabinet. Both he and the EBS operator check the color before the COMMCEN Section Chief releases the tape. The operator loads the tape in the 500 Net TD.

U CMC

18. WHITE tape feeds through TD and stops at "USAICA Check Tape." Both the Section Chief and the EBS operator verify that an EBS Closed Circuit Test Activation Tape is being released before restart.

U CMC

(time)

19. WHITE tape is restarted and the Systems Controller is notified that the 500 Net transmission has commenced. Message should print out on RO Terminal if transmission is going out over net.

U CMC

20. Tape stops again and the operator enters the time the test program will begin. Tape is restarted and again stops so the operator may enter the test activation authenticator for the month (see outside of RED Envelope). Tape is restarted and stops again to permit entry of same authenticators. Tape is again restarted and stops to allow entry of the activation date and Washington, D.C., time as provided by the Systems Controller. Tape is again restarted and continues to feed until the EAN is completed after which several line feed functions and the word "STANDBY" appear.

CONTINGENCY (See Appendix 6)	
U CMC	Any significant failure on the USAICA 500 Net ASR will be immediately reported to the Systems Controller with the recommendation that ADCOM be requested to effect release and obtain acknowledgements.
U SC	ADCOM Command Director will be asked to release the 500 Net transmission. A different authenticator than that used to respond to WHCA will be used as a challenge to ADCOM. ADCOM will respond with the next unused line and authenticator in the ADCOM column.

Any significant failure on the USAICA 500 Net ASR will be immediately reported to the Systems Controller with the recommendation that ADCOM be requested to effect release and obtain acknowledgements.

ADCOM Command Director will be asked to release the 500 Net transmission. A different authenticator than that used to respond to WHCA will be used as a challenge to ADCOM. ADCOM will respond with the next unused line and authenticator in the ADCOM column.

21. Immediately upon notification of release of the EBS Closed Circuit Test message, the Systems Controller uses the 300 Net to confirm its authenticity with AP/UPI and ADCOM.

(name)

(authenticator words used

Activation Tape) Are you receiving the message?"

If either AP or UPI is not receiving or has not received the message, it will immediately be read over the telephone by the Systems Controller.

22.
(time)

Confirmation (log name of AP/UPI/ADCOM personnel).

name

(name)

(name)

U SC

23. If he is still on the circuit, notify WTO of confirmation with AP/UPI/ADCOM.

NOTE: If program is to originate at or pass through USAICA (e.g., NIAC Order 2), refer to Appendix 10 for additional actions.

U CMC

24. NIAC Order Message transmitted.

After completion of transmission of the EAN teletype message and the word "STANDBY," the WHITE tape continues to feed for a one-minute period of letter functions, then the NIAC Order Message transmits. Tape stops to permit entry of the test authenticator words (same as used in EAN message). Operator restarts tape which again stops to permit entry of NIAC Order Number (spelled out). After operator restarts, tape again stops to allow entry of the date and Washington, DC, time the test program will begin. Operator restarts tape which again stops to enter NIAC Order Number for de-activation (same NIAC Order entered in first part of message). Operator restarts tape which stops to permit entry of authenticator words. Tape is restarted and stops to enter the date and Washington, DC, time as used in the EAN above. Operator restarts. Tape continues to feed until transmission is completed.

U CMC

- (time) 25. NIAC Order message completed. Poll for acknowledgements.

COMMCEN transmits polling signal to the 500 Net from his Station Selector. Stations operate acknowledge key after acceptance of activation and NIAC Order messages. Automatic polling activated by origination point sequentially accepts these bids.

U CMC

- (time) 26. First polling attempt consisting of three cycles completed. Notify Systems Controller of number of stations failing to acknowledge.

U SC 27. If he is still on the circuit, notify WHCA
 (time) Trip Officer of number of stations failing
 to acknowledge first polling attempt.

U CMC 28. Retry polling of delinquent stations by
 (time) transmitting, selectively from message
 addressor, "Please Acknowledge" message
 included at the end of each tape. Simul-
 taneously, begin instituting by telephone
 notification to those delinquent stations
 in the order of priority given on the
 telephone lists. If there is sufficient
 reason in the judgment of the COMMCEN
 Section Chief that a number of stations
 did not receive the message, he may retrans-
 mit. Otherwise, he will have the message
 read over the phone. The teletype polling
 will continue as the telephoning is being
 made. As additional acknowledgements are
 received via teletype, the telephoning of
 these stations will be discontinued. The
 procedure will continue until all stations
 have acknowledged.

U CMC 29. Notify Systems Controller of status of
 acknowledgements on a continuing basis.

U CMC 30. Notify Systems Controller of time all sta-
 (time) tions have been contacted by telephone and
 have acknowledged.

U SC 31. Notify WHCA Trip Officer of completed
 (time) actions if he is still on the line.

"This is the USAICA Systems Controller. I
have received acknowledgements from the
500 Net as of , ,
 (date) (time)(AM/PM)
Washington, DC, time."

(Other information on the status of acknowl-
edgements and problem areas will be furnished.
In the event the WHCA Trip Officer has not
been able to keep this circuit open, he
will be recalled only in the event of a
major delay or if every attempt has failed
to reach one or more of the nine Priority 1
stations.)

- WTO 32. Disconnect circuit.
 (time)
- U SC 33. National III Warning Center notified of EBS
 (time) Closed Circuit Test Activation.
- U SC 34. Report EBS Closed Circuit Test Activation
 (time) internally as required.
- USAICA Commander/ - duty hours only.
 Technical Director
 Director, Supported - duty hours only.
 Activity (local)
 WCD - duty hours only.
 Chief, Comm Ops Div - at all times.
 Chief, AVB, or EMB - at all times.
 (NIAC 1 or 2 only)
- U SC 35. Notify WHCA or ADCOM, as appropriate, of
 the authenticators in the WHCA-1 Authentica-
 tion List which have been used in this
 action.

EBS CLOSED CIRCUIT TEST ACTIVATION

USAICA SENDS

USAICA CHECK TAPE

XX

THIS IS NOTIFICATION OF A CLOSED CIRCUIT TEST OF THE EMERGENCY
BROADCAST SYSTEM. THE TEST PROGRAM WILL BEGIN AT _____,
WASHINGTON, DC, TIME. RADIO STATIONS DO NOT BROADCAST THIS
MESSAGE AND DO NOT BROADCAST THE AUDIO PROGRAM. THE TEST
AUTHENTICATOR WORD IS _____. THIS MESSAGE AUTHORIZES A
CLOSED CIRCUIT TEST OF THE EMERGENCY BROADCAST SYSTEM. BROADCAST
STATIONS MONITOR RADIO NETWORK LINES FOR CLOSED CIRCUIT TEST
PROGRAM. ALL STATIONS FOLLOW PROCEDURES IN THE EBS CHECKLIST FOR
CLOSED CIRCUIT TEST. THE TEST AUTHENTICATOR WORD IS _____.
_____, WASHINGTON, DC, TIME.

XX

STANDBY

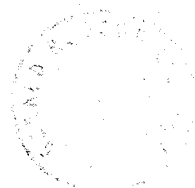
XX

THIS IS NOTIFICATION OF A CLOSED CIRCUIT TEST OF THE EMERGENCY
BROADCAST SYSTEM. DO NOT BROADCAST THIS MESSAGE. DO NOT BROADCAST
THE AUDIO PROGRAM. THE TEST AUTHENTICATOR WORD IS _____.
IMMEDIATE IMPLEMENTATION OF NIAC ORDER _____ IS REQUESTED.
THE TEST PROGRAM WILL BEGIN AT _____,
WASHINGTON, DC, TIME.

DEACTIVATE NIAC ORDER _____ ON THE FOLLOWING AURAL CUE:
"THIS CONCLUDES THE CLOSED CIRCUIT TEST OF THE EMERGENCY
BROADCAST SYSTEM." THE TEST AUTHENTICATOR WORD IS _____.
_____, WASHINGTON, D.C. TIME.

XX

ACKNOWLEDGE



EBS

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Abbreviations in the left column indicate who is to perform the step:

WTO - WHCA Trip Officer (or Duty Officer)

U SC - USAICA Systems Controller

U CMC - USAICA COMMCEN Section Chief

WTO 1. One origination point contacted (USAICA
 (time) or ADCOM).

USAICA AUTOVON: 380-0099/380-5500
Commercial: 202-737-5721 x5500

"This is _____, WHCA Trip
(name)
Officer, with an EBS Closed Circuit
Test Termination Order. Prepare to
copy."

U SC 2. Internal Readiness.

"Please standby."

U SC 3. Internal Readiness completed.

Systems Controller and assistant establish conference with WHCA Trip Officer and prepare to copy order.

U SC 4. Internal Readiness reported.

"This is the USAICA Systems Controller.
Ready to copy your EBS Closed Circuit
Test Termination Order."

WTO 5. EBS Closed Circuit Test Termination
Authentication from test list on inside
flap of WHCA-1.

"I authenticate (line) (challenge)".

Appendix 5 to Annex A

U SC

6. EBS Closed Circuit Test Termination Authentication response.

"This is _____, USAICA
(name)
Systems Controller. I authenticate
_____. Ready to copy your
(line) (reply)
EBS Closed Circuit Test Termination
Order."

WTO

7. EBS Closed Circuit Test Termination Order transmitted.

"Roger, I am calling from _____
(area code)
_____. I request
(complete telephone number)
immediate release of the EBS Closed
Circuit Test Termination message. Termination time is _____,
(date) (time) (AM/PM)
Washington, D.C., time. The time is now
_____, Washington, D.C.,
(date) (time) (AM/PM)
time."

U SC

8. EBS Closed Circuit Test Termination Order received.

"I acknowledge and will take action to
comply with your request for EBS Closed
Circuit Test Termination effective _____,
(date)
_____, Washington, D.C., time.
(time) (AM/PM)
The time is now _____,
(date) (time) (AM/PM)
Washington, D.C., time."

U SC

9. COMMCEN contacted using dial intercom.

"This is an EBS Closed Circuit Test Termination. Prepare to copy."

U CMC 10. Internal readiness.

"Please standby."

U CMC 11. Internal readiness completed.

The COMMCEN Section Chief immediately summons the operator assigned EBS actions for that shift while simultaneously locating his book of EBS check lists. The COMMCEN Section Chief tells the operator that an EBS Closed Circuit Test Termination Order is to be issued. The COMMCEN Section Chief and the EBS operator each unlock with separate keys the side of the EBS cabinet containing the EBS Closed Circuit Test teletypewriter tapes. The COMMCEN Section Chief removes the EBS Authenticator List (RED Envelope) stored in the tape cabinet. He notes the outside of the envelope and locates the EBS Test authenticator for that month. He then returns to contact with the Systems Controller via the dial intercom (the EBS operator stands by).

U CMC 12. Internal readiness reported.

"This is the COMMCEN Section Chief. Ready to copy your EBS Closed Circuit Test Termination Order."

U SC (time) 13. EBS Closed Circuit Test Termination Order issued to COMMCEN.

"This is an EBS Closed Circuit Test Termination. I am _____, USAICA
(name)"

Systems Controller. Release the BLACK EBS Closed Circuit Test Termination teletype tape. Termination time is _____,

(date) (time)
_____, Washington, DC, time. The termination order time is _____

(AM/PM) (date) (WTO "Now" time)
_____, Washington, DC, time."
(AM/PM)

- U CMC 14. EBS Closed Circuit Test Termination Order received. (The EBS Operator listens to the COMMCEN Section Chief's response.)
- "This is _____, COMMCEN Section
(name)
Chief. I will release the BLACK EBS Closed
Circuit Test Termination teletype tape.
Termination time is _____,
(date) (time)(AM/PM)
Washington, DC, time. The termination
order time is _____,
(date) (time)(AM/PM)
Washington, DC, time. I will use the fol-
lowing authenticator from outside the RED
Envelope for * _____."
(month) (authenticator)
- U SC 15. Verifies authenticator from his RED Envelope.
- "I verify that the authenticator
(authenticator)
is correct. Notify me when the tape has
started."
- U CMC 16. COMMCEN Section Chief removes the BLACK tape
from the tape cabinet. Both he and the EBS
operator check the color before the COMMCEN
Section Chief releases the tape. The
operator loads the tape in the 500 Net TD.
- U CMC 17. BLACK tape feeds through TD and stops at
"USAICA Check Tape." Both the Section
Chief and the EBS operator verify that an
EBS Closed Circuit Test Termination Tape
is being released before restart.
- U CMC (time) 18. BLACK tape restarted and Systems Controller
notified that 500 Net transmission has
commenced. Message should print out on RO
terminal if transmission is going out over
net.

*In the unlikely event that more than one EBS Closed Circuit Test is conducted in a single month, use the same authenticator words for that month.

U CMC

19. Tape stops and operator enters the test termination authentication words (from outside the RED Envelope). Operator restarts tape. Tape stops twice and operator enters date and Washington, DC, time as provided by the Systems Controller. Tape is again restarted and continues to feed until the tape is completed.

CONTINGENCY
(See Appendix 6)

U CMC

Any significant failure on the USAICA 500 Net ASR will be immediately reported to the Systems Controller with the recommendation that ADCOM be requested to effect release and obtain acknowledgements.

U SC

ADCOM Command Director will be asked to release the 500 Net transmission. The next unused authenticator will be used as a challenge to ADCOM. ADCOM will respond with the next unused line and authenticator in the ADCOM column.

U SC

Immediately upon notification of release of the EBS Closed Circuit Test Termination message, the Systems Controller uses the 300 Net to confirm its authenticity with AP/UPI and ADCOM.

"This is USAICA. This is a Closed Circuit Test Termination of the Emergency Broadcast System. I am _____. I am
(name)

transmitting the termination message over the EBS Teletypewriter Network. The authenticator is _____

(authenticator words used
_____. Are you receiving the
in termination tape
message?"

If either AP or UPI is not receiving or has not received the message, it will immediately be read over the telephone by the Systems Controller.

AP/UPI/ 21. Confirmation (log name of AP/UPI/ADCOM
ADCOM (time) personnel).

AP _____
(name)
UPI _____
(name)
ADCOM _____
(name)

U CMC 22. Closed Circuit Test Termination Order
(time) Message transmission completed.

U CMC 23. 500 Net Poll for acknowledgements accom-
plished.

COMMCEN transmits polling signal to the
500 Net from his Station Selector.

U CMC 24. Acknowledgements received.
(time)

Stations operate acknowledge key after
acceptance of termination message. Auto-
matic polling activated by origination
point sequentially accepts these bids.

U CMC 25. Notify Systems Controller of number of
(time) stations failing to answer first polling
attempt which will consist of three com-
plete cycles.

U CMC 26. Retry polling of delinquent stations by
(time) transmitting, selectively from message
addressor, "Please Acknowledge" message
included on the end of each tape. Simul-
taneously, begin instituting by telephone
notification to those delinquent stations
in the order of priority given on the
telephone lists. If there is sufficient
reason in the judgment of the COMMCEN
Section Chief that a number of stations
did not receive the message, he may re-
transmit. Otherwise, he will have the
message read over the phone. The teletype
polling will continue as the telephoning
is being made. As additional acknowledge-
ments are received via teletype, the

telephoning of these stations will be discontinued. The procedure will continue until all stations have acknowledged.

- U CMC 27. Notify Systems Controller of status of acknowledgements on a continuing basis.
- U CMC (time) 28. Notify Systems Controller of time all stations have been contacted by telephone and have acknowledged.
- U SC (time) 29. Notify WHCA Trip Officer only of any major delay encountered or if every attempt has failed to reach one or more of the nine Priority 1 stations.
- U SC (time) 30. National III Warning Center notified of EBS Closed Circuit Test Termination.
- U SC 31. If NIAC 1 or 2, restore 400 Hz tone for the NIAC 1 or 2 circuitry.
- U SC (time) 32. Report EBS Closed Circuit Test Termination internally as required.
- USAICA Commander/ - Duty hours only.
Technical Director
Director, Supported - Duty hours only.
Activity (local)
WCD - Duty hours only.
Chief, Comm Ops Div - At all times.
Chief, AVB, or EMB - At all times.
(NIAC 1 or 2 only)
- U SC 33. Notify ADCOM or WHCA, as appropriate, of the authenticators in the WHCA-1 Authentication List which have been used in this action.

EBS CLOSED CIRCUIT TEST TERMINATION

USAICA SENDS

USAICA CHECK TAPE

XX

THIS IS AN EBS CLOSED CIRCUIT TEST TERMINATION.

THE AUTHENTICATOR WORD FOR THIS TERMINATION IS

_____. THE CLOSED CIRCUIT TEST WAS TERMINATED

AT _____, WASHINGTON, D.C. TIME.

THE AUTHENTICATOR WORD IS _____.

_____, WASHINGTON, D.C. TIME.

XX

ACKNOWLEDGE

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I

General: This check list will be used in any EBS action, whether test or actual, when USAICA has been tasked as origination point and the USAICA 500 Net ASR fails.

U SC - USAICA Systems Controller
U CMC - USAICA COMMCEN Section Chief
C CD - ADCOM Command Director
C SC - ADCOM Systems Controller

- "This is _____, COMMCEN
(name)

Section Chief. We are unable to
release (type action) over the 500

U SC (time) 2. 500 Net ASR failure received.

"This is _____, Systems
(name)

Controller. I will request ADCOM to release (EBS action). In the

meantime, do not attempt to operate your 500 Net ASR. Prepare to implement back-up telephone procedures as necessary."

- U SC 3. ADCOM Command Director requested to
 release EBS Message (using AUTOVON
 834-3940).

"This is the USAICA Systems Controller
with an EBS Contingency Action. Prepare
to copy."

NOTE: In the event that ADCOM is unable to successfully release the EBS message, control will revert back to USAICA for implementation of the back-up telephone procedures. The USAICA Systems Controller will disconnect and instruct the USAICA COMMCEN to take one of the following actions:

- a. For actual (live) EBS actions, implement telephone back-up (Appendix 9) cascade procedures.
- b. Tests will be cancelled and the WTO notified.

- U SC 9. Notify WHCA of the authenticators in the WHCA-1 Authentication List which have been used in this action.

II

From ADCOM to USAICA

General: This check list will be used in any EBS action, when ADCOM has been tasked as origination point and the ADCOM 500 Net ASR fails.

Abbreviations in the left column indicate who is to perform the step:

C SC - ADCOM Systems Controller
U SC - USAICA Systems Controller
U CSC - USAICA Communications Center Section Chief

- C SC 1. USAICA Systems Controller requested to
 (time) release EBS message (use 300 Net or
 AUTOVON 380-0099/5500).
- "This is the ADCOM Systems Controller
 with an EBS Contingency Action. Prepare
 to copy."
- U SC 2. Internal Readiness.
- "Please standby."

U SC

3. USAICA Systems Controller and assistant establish conference with ADCOM Systems Controller and prepare to copy.

"This is the USAICA Systems Controller. Ready to copy your EBS Contingency Action."

C SC

(time)

4. EBS Contingency Action Authentication (ADCOM Systems Controller uses next unused authenticator in WHCA-1 Authentication List).

"This is _____, I authenti-
(name)
cate _____."
(line) (challenge)

U SC

5. EBS Contingency Action Authentication response (USAICA Systems Controller uses next unused authenticator under USAICA column in WHCA-1 Authentication List).

"This is _____, USAICA Systems
(name)
Controller. I authenticate _____
(line) (reply)
Ready to copy your EBS Contingency Action."

C SC

6. EBS Contingency Action transmitted.

"ADCOM is unable to effect release of
_____ over our 500 Net. Request
(EBS Action)
you assume responsibility."

The ADCOM Systems Controller will then repeat the EBS Order exactly as received from the WHCA Trip Officer. USAICA will assume all responsibilities for notification by telephone from those stations not responding to teletype. The final report of acknowledgements should be made by USAICA to ADCOM who will attempt to relay this information to the WHCA Trip Officer.

NOTE: If USAICA is also unable to pass the message over the 500 Net, the action will be referred back to ADCOM who will:

a. Implement telephone back-up cascade procedures (Appendix 9) in the case of a live EBS action or

b. Cancel the action and notify the WTO in the case of a test.

U SC

7. Notify WHCA of the authenticators in the WHCA-1 Authentication List which been used in this action.

Check List for Modified EBS Tests

15 Feb 74

Abbreviations in the left column indicate who is to perform the step:

U SC - USAICA Systems Controller
U EMB - USAICA Electronics Maintenance Branch Foreman
U TV - USAICA Chief, TV & Radio Section
ROP - DCPA Regional Operator

- | | | |
|-------|------------------------|---|
| U SC | <u>10:45</u>
(time) | 1. Advise EMB of scheduled test.

Systems Controller contacts EMB Foreman and confirms which DCPA Regional Station will originate the test and time of test. |
| U EMB | <u>11:00</u>
(time) | 2. Contact DCPA Regional Station.

EMB, using HF radio frequencies determined to be satisfactory, contacts Regional Station to adjust levels and confirm circuit quality. |
| U EMB | <u>12:00</u>
(time) | 3. Patch audio to TV.

HF radio receivers outputs are fed to the TV studio. Informs TV operator via inter-com phone circuit of circuit readiness. |
| U TV | <u>12:30</u>
(time) | 4. Establish AUTOVON circuit.

TV operator, using priority precedent through C&P switchboard, establishes AUTOVON circuit with DCPA operator for back-up purposes. |
| U TV | <u>12:35</u>
(time) | 5. Synchronize clocks with ROP. |
| ROP | <u>12:40</u>
(time) | 6. Transmit test tone.

Using AUTOVON circuit as cue line, TV operator and ROP adjust gains for correct level. |

- ROP 12:40
(time)
7. Transmit talk-up.
- Distant end transmits talk-up during 5-minute period prior to test time to assure timing and circuit quality.
- U TV 12:44:55
(time)
8. Start audio tape recorder.
- TV Operator audio records the 4 1/2 minute test for evaluation purposes.
- ROP 12:45
(time)
9. Transmit test script.
- DCPA Regional Office, using prearranged script or locally approved script, commences 4 1/2 minute test transmission.
- ROP 12:47:30
(time)
10. Switch test transmission to AUTOVON Circuit.
- ROP, using switching facilities of the Collins remote console, switches test script transmission to AUTOVON circuit for 1 minute of the 4 1/2 minute test to check operational procedures and back-up facilities.
- ROP 12:48:30
(time)
11. Switch test transmission from AUTOVON back to HF Radio.
- AUTOVON circuit utilized as cueing circuit between U TV Operator and ROP.
- ROP 12:49:30
(time)
12. End of test script transmission.
- U TV 12:49:35
(time)
13. Stop audio record.
- U TV 12:50
(time)
14. Evaluate test.
- TV Operator, using AUTOVON circuit, informs ROP of test results and offers a playback of the audio tape over AUTOVON circuit for evaluation by ROP.

U TV 12:55
(time)

15. Discontinue test.

Call EMB operator on intercom circuit and inform that test is completed and results.

U TV 12:57
(time)

16. Release AUTOVON circuit.

Call C&P operator and release priority precedence AUTOVON circuit.

U TV 1:00
(time)

17. Report test results.

Call U SC and report test completion and quality.

EBS ICE HOUSE Tests

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Abbreviations in the left column indicate who is to perform the step:

WTO - WHCA Trip Officer (or Duty Officer)

U SC - USAICA Systems Controller

U CMC - USAICA Communications Center Section Chief

WTO (time)

1. One origination point is contacted (USAICA or ADCOM).

USAICA AUTOVON: 380-0099/380-5500
Commercial: 202-737-5721, ext 5500

"This is _____, WHCA Trip
(name)
Officer, with an EBS ICE HOUSE Test.
Prepare to copy."

U SC

- ## 2. Internal Readiness

"Please standby."

U SC

3. Internal Readiness completed.

Systems Controller and assistant establish conference with WHCA Trip Officer and prepare to copy order.

U SC

4. Internal Readiness reported.

"This is the USAICA Systems Controller.
Ready to copy your EBS ICE HOUSE Test."

WTO

5. EBS ICE HOUSE Test Authentication from test list on inside flap of WHCA-1A.

"I authenticate (line) (challenge)."

Appendix 8 to Annex A



- U SC 6. EBS ICE HOUSE Test Authentication response.
"This is _____, USAICA Systems
(name)
Controller. I authenticate _____.
(line) (reply)
Ready to copy your EBS ICE HOUSE Test."
- WTO 7. EBS ICE HOUSE Test Order transmitted.
"Roger, I am calling from _____
(area code)
_____. I request
(complete telephone number)
immediate release of the EBS ICE HOUSE
Test message. Date and time of test is
(date), (time) (AM/PM), Washington, D.C.,
time."
- U SC 8. EBS ICE HOUSE Test Order received.
"I acknowledge and will comply with your
request for immediate release of the EBS
ICE HOUSE Test Message. Date and time
of test is _____,
(date), (time) (AM/PM),
Washington, D.C., time. Request you
maintain circuit connection if possible."
- U SC 9. COMMCEN contacted using dial intercom.
"This is an EBS ICE HOUSE Test. Prepare
to copy."
- U CMC 10. Internal readiness.
"Please standby."
- U CMC 11. Internal readiness completed.
The COMMCEN Section Chief immediately
summons the operator assigned EBS actions
for that shift while simultaneously locating
his book of EBS check lists. The COMMCEN
Section Chief tells the operator that an
EBS ICE HOUSE Test is to be conducted.

- U CMC 12. Internal readiness reported.
- "This is the COMMCEN Section Chief. Ready to copy your EBS ICE HOUSE Test Order."
- U SC (time) 13. Actual EBS ICE HOUSE Test Order issued to COMMCEN.
- "This is an EBS ICE HOUSE Test. I am _____, USAICA Systems Controller.
(name)
Release the YELLOW EBS ICE HOUSE Test teletype tape. Date and time of test is _____, Washington, D.C.,
(date) (time) (AM/PM)
time (as received from the WTO)."
- U CMC 14. EBS ICE HOUSE Test Order received. (The EBS Operator listens to the COMMCEN Section Chief's response.)
- "This is _____, COMMCEN Section
(name)
Chief. I will release the YELLOW EBS ICE HOUSE Test teletype tape. Date and time of test is _____, Washing-
(date) (time) (AM/PM)
ton, D.C., time. Please Standby."
- U CMC 15. COMMCEN Section Chief obtains the YELLOW tape (located outside the EBS cabinet). Both he and the EBS operator check the color before the COMMCEN Section Chief releases the tape. The operator loads the tape in the 500 Net TD.
- U CMC (time) 16. YELLOW tape feeds through TD. Message should print out on RO terminal if transmission is going out over net.
- U CMC 17. Systems Controller notified that 500 Net transmission has commenced.
- U CMC 18. Tape automatically stops to permit entry of date and time in part 2 of message. Tape is again restarted and continues to feed until tape is completed.

CONTINGENCY

(See Appendix 6)

U CMC

Any significant failure on the USAICA 500 Net ASR will be immediately reported to the Systems Controller with the recommendation that ADCOM be requested to effect release and obtain acknowledgements.

U SC

ADCOM Command Director will be asked to release 500 Net transmission. The next unused authenticator will be used as a challenge to ADCOM. ADCOM will respond with the next unused authenticator in the ADCOM column.

U SC

19. Immediately upon notification of release of the EBS 500 Net Test message, the Systems Controller uses the 300 Net to confirm its authenticity with AP/UPI and ADCOM.

"This is USAICA. I am _____ (name).

I am transmitting the Weekly 500 Net Test message over the EBS Teletypewriter Network. Are you receiving the message?"

(If either AP or UPI is not receiving or has not received the message, the Systems Controller will report the station(s) out to trouble. He need not read the message over the telephone.)

AP/UPI
ADCOM (time)

20. Confirmation (log name of AP/UPI/ADCOM personnel).

AP _____ (name)

UPI _____ (name)

ADCOM _____ (name)

U SC

21. If he is still on the circuit, notify WTO of confirmation with AP/UPI/ADCOM.

U CMC
(time)

22. ICE HOUSE Weekly 500 Net Test tape transmission completed. Poll for acknowledgements.

COMMCEN transmits polling signal to the 500 Net from his Station Selector. Stations operate acknowledge key after acceptance of Weekly 500 Net Test message. Automatic polling activated by origination point sequentially accepts these bids.

- U CMC (time) 23. First polling attempt consisting of three cycles completed. Notify Systems Controller of number of stations failing to acknowledge.
- U SC (time) 24. If he is still on the circuit, notify WHCA Trip Officer of the number of stations failing to acknowledge the first polling attempt.
- U CMC 25. Retry polling of delinquent stations by transmitting, selectively from message addressor, "Please Acknowledge" message. Simultaneously, begin instituting by telephone notification to those delinquent stations in the order of priority given on the telephone lists. If there is sufficient reason in the judgment of the COMMCEN Section Chief that a number of stations did not receive the message, he may retransmit. Otherwise, he will have the message read over the phone. The teletype polling will continue as the telephoning is being made. As additional acknowledgements are received via teletype, the telephoning of these stations will be discontinued. The procedure will continue until all stations have acknowledged.
- U CMC 26. Notify Systems Controller of status of acknowledgements on a continuing basis.
- U CMC (time) 27. Notify Systems Controller of time all stations have been contacted by telephone and have acknowledged.
- U SC (time) 28. Notify WHCA Trip Officer of completed actions if he is still on the line.

EBS ICE HOUSE TEST

USAICA SENDS

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THIS IS A ROUTINE TEST OF THE 500 NET TELETYPEWRITER EQUIPMENT AND
CIRCUITRY. IF REPETITIVE TROUBLE IS BEING EXPERIENCED PLEASE
DO NOT ACKNOWLEDGE AND OUR TECHNICAL STAFF WILL CONTACT YOU
BY TELEPHONE WITHIN FIVE MINUTES.

TESTING EMERGENCY ACTION NOTIFICATION PROCEDURES--REPEAT--TESTING
EMERGENCY ACTION NOTIFICATION PROCEDURES. IF THIS WERE NOT A TEST
YOU WOULD RECEIVE THE EMERGENCY ACTION NOTIFICATION MESSAGE
CONTAINING AUTHENTICATOR WORDS. ANOTHER MESSAGE WOULD
IMMEDIATELY FOLLOW REQUESTING SPECIFIC NIAC ORDER ARRANGEMENTS
AND THE SAME MESSAGE AUTHENTICATOR WORDS TRANSMITTED AGAIN.
TESTING EMERGENCY ACTION NOTIFICATION PROCEDURES--REPEAT--TESTING
EMERGENCY ACTION NOTIFICATION PROCEDURES. END OF MESSAGE.

_____, WASHINGTON, D. C. TIME.

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ACKNOWLEDGE



EBS Backup Telephone Procedures

General: The Federal Communications Commission has issued to industry an SOP-3, entitled "Backup Telephone Procedures." This annex provides amplification to the instructions contained in the SOP-3 with respect to USAICA actions. Backup telephone procedures, as described herein, will not be tested without the express permission of the FCC nor will operational implementation be effected by USAICA without the approval of the USAICA Systems Controller. Since the procedures provide for cascade telephone notification, it is imperative that USAICA personnel not break the chain.

CHECK LIST

- U CMC (time) 1. U CMC insures that no other practical means are available for passing EBS instructions to the 500 Net stations. He obtains authority from the U SC to implement Backup Telephone Procedures.
- U CMC 2. He will direct that the following control points be called in the order given:
- | <u>Call #</u> | <u>Telephone Number</u> | <u>Control Points</u> |
|---------------|-------------------------|-------------------------------|
| 1 | (212) 262-8120 | AP, New York* |
| 2 | (312) 467-5066 | UPI, Chicago* |
| 3 | (202) 686-6125 | WTOP, Washington |
| 4 | (202) 628-9057 | AT&T Test Room,
Washington |
| 5 | (212) 226-3130 | AT&T Test Room,
New York |
| 6 | (717) 255-5866 | AT&T PGOC,
Harrisburg |
- U SC/
CMC 3. Calls are initiated using the following dialogue:
- "This is _____, USAICA Systems
(name)
Controller (used in both U SC and U CMC),

*If the 300 Net is operational, the U SC should be asked to make these calls.

implementing EBS Backup Telephone Procedures. I am calling from Area Code 202, 737-5721, ext. 5264. (In the case of the U SC, 'Station 300.') I authenticate from the EBS authenticator list 'White Envelope', line _____ (number) (authenticator challenge)." _____

NOTE: The same authenticator line (challenge and response) will be used for all calls made during a single implementation of these procedures.

Control
Point

4. The called party will respond as follows:

"This is _____ at _____ (name) (Control Point). I authenticate _____ (authenticator response)." _____

U SC/
CMC

5. USAICA continues by reading the same message text (EAN, NIAC Order Request, NIAC Order Change Request, or EAN termination) including authenticators used if the 500 Net has been operational.

U CMC

6. If it is not possible to reach WTOP, additional calls must be made as follows:

<u>Call #</u>	<u>Telephone Number</u>	<u>Control Point</u>
*1	(202) 628-9057	AT&T Test Room, Washington
2	(202) 223-2875	ABC, Washington
3	(202) 362-3077	NBC, Washington
4	(202) 296-8750	CBS, Washington
5	(202) 785-6340	MBS, Washington
6	(202) 785-5520	NPR Studios, Washington
7	(202) 488-5141	PBS Control Rooms, Washington

*It is recognized that this is a duplication.

U CMC
(time)

7. Report to U SC time of completion and any control point not reached.

U SC

8. Refer to other appropriate check list for continuation of actions.

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Section I - VIA TELCO CIRCUITRY (page 71)
Section II - VIA GOVERNMENT RADIO (page 76)
Section III - NIAC ORDER 2 ACTIONS (page 81)

WTO - WHCA Trip Officer
U SC - USAICA Systems Controller
U EMB - USAICA Electronics Maintenance Branch
PGOC - Program Operations Center (AT&T Harrisburg, PA)

Situation: The WHCA Trip Officer has contacted the USAICA Controller by AUTOVON and has issued EBS Activation instructions. (See Appendix 1 to Annex A.) The activation actions have been completed prior to the start of this check list.

U SC 1. Insures tone is removed from NIAC 1/2
 circuits.

U SC 2. Issues program feed order to EMB using
 (time) the dial intercom system. (If during
 normal duty hours, the following actions
 are performed by the Chief, TV & Radio
 Sec; however, he will identify himself as
 the EMB Foreman.)

"This is _____, USAICA Systems
(name).

Controller. The EBS is being activated with program feed through USAICA via TelCo circuitry. Proceed to the TV Studio and activate NIAC 1/2 program feed circuitry."

*This check list is predicated on WTO contacting USAICA on AUTOVON 380-0099. If other telephone entry is issued, this check list must be amended accordingly.

- U EMB 3. Initiate activation actions.
- U EMB takes keys* (EBS tape cabinet and Room 1131) and proceeds to the TV Studio, Bldg 11.
- U EMB 4. Activates program control equipment.
- From the locked side of the EBS cabinet, the EMB Foreman removes the check list and the fill and recording tapes.
- Loads fill tape on Tape Unit 1.
- Loads Tape Unit 2 to record output of EBS console.
- Activates EBS console.
- U EMB 5. Notifies USAICA Systems Controller of completed actions.
- (time)
- Using the dial intercom system, reports completed actions. USAICA Systems Controller instructs Electronic Maintenance Branch Foreman to "jack in" to circuit with WHCA Trip Officer.
- U EMB 6. "Jacks in" to WTO circuit.
- Using telephone headset, "jacks in" to 380-0099 circuit.
- "This is _____, EMB Foreman.
- (name)
- The EBS Program Equipment has been activated."
- U SC 7. Operates the transfer button and disconnects himself from AUTOVON 380-0099.
- WTO 8. Issues program origination instructions.

*Spare keys to the EBS cabinet and Room 1131 are available from U SC if needed.

"This is the WHCA Trip Officer. The program fill tape _____ be played.
(will)(will not)

Please call me back on another telephone line to use for a cueing circuit. That telephone number is _____."
(area code)(number)

U EMB

9. Establishes cueing circuit by telephoning WTO on other circuit.

"This is _____, EMB Foreman,
(name)
establishing cueing circuit you requested."

U EMB

10. Establishes program feed for WHCA.

The EMB Foreman patches/switches program circuit into EBS console and notifies the WTO over cue circuit of completed action.

"The circuit patching has been completed."

WTO

U EMB

11. Checks program feed.

The EMB Foreman instructs the WTO to initiate test count to assure circuit readiness and continuity.

"Give a test count from the audio programming equipment. I _____ receiving
(am)(am not)
the test count. You audio is _____."
(condition)

If problems are encountered in the testing, a mutual effort must be initiated to attempt to resolve the problem or determine an alternate routing.

If NIAC 2 is requested, see Section III.

WTO

(time)

12. Directs EBS programming.

The WTO instructs the EMB Foreman to play the fill tape or that program is about to commence from the origination point.

"The time is , Washington, DC, time.
(time)

(NOTE: If there will be a measurable delay, the WTO instructs the EMB Foreman to transmit a 1 Khz tone at 0 Vu over NIAC 1/2 circuitry.)

- U EMB (time) 19. Deactivates program feed.
Removes red patch from NIAC 1/2 circuit.
- U EMB 20. Notifies WTO of completed actions.
Using the cue circuit, the U EMB notifies WTO of program circuit deactivation.
"The program circuit has been deactivated. I will contact the U SC to re-enter the 380-0099 circuit for your termination instructions."
- U EMB 21. Notifies USAICA Systems Controller of program completion.
Using the dial intercom, the EMB Foreman notifies the USAICA Systems Controller to enter the 380-0099 circuit.
"This is _____, EMB Foreman."
(name)
The WTO has notified me of the completion of EBS programming. Meet the WTO on the 380-0099 circuit for termination instructions."
- U EMB (time) 22. If NIAC 2 was utilized, notifies Harrisburg PGOC of program completion. U EMB using the Harrisburg cueing circuit notifies the PGOC of program completion.
- U EMB 23. Deactivates programming equipment.
Removes fill tape from Tape Unit #1 and places in EBS cabinet.
Deactivates Tape Record Unit #2.
Deactivates EBS console.

SECTION II

Situation: The WHCA Trip Officer has contacted USAICA by radio (see Annex G) and has been patched by EMB to the USAICA Control Center. WHCA Trip Officer has issued activation instructions. All activation actions have been accomplished prior to the start of this check list. The WHCA Trip Officer is still patched to the Systems Controller.

GOVERNMENT RADIO

- U SC 1. Insures tone is removed from NIAC 1/2 circuits.

Systems Controller places switch in off position removing tone from circuits.

- U SC 2. Using the dial intercom system, issues
 (time) program feed order to EMB. If during
 normal duty hours, the following actions
 are performed by the Chief, TV & Radio
 Sec; however, he identifies himself as
 EMB Foreman.

"This is _____, USAICA Systems
 (name)
Controller. The EBS is being activated
with program feed through USAICA by
government radio. Proceed to the TV
Studio and activate NIAC 1/2 program feed
circuitry."

- U EMB 3. Initiate activation actions.

U EMB takes keys* (EBS tape cabinet and
Room 1131) and proceeds to the TV Studio,
Bldg 11.

- U EMB 4. Activates program control equipment.

From the locked side of the EBS cabinet,
the EMB Foreman removes the check list
and the fill and recording tapes.

*Spare keys to the EBS cabinet and Room 1131 are available
from U SC if needed.

Loads fill tape on Tape Unit #1.

Loads Tape Unit #2 to record output of EBS console.

Activates EBS console.

U EMB
(time)

5. Notifies USAICA Systems Controller of completed actions.

Using the dial intercom system or other system, reports completed actions. USAICA Systems Controller instructs Electronics Maintenance Branch Foreman to contact Patch & Test technician who will disconnect the WTO from the U SC and patch the WTO to the TV Studio.

U EMB

6. Issues radio circuit repatch order.

Using the dial intercom (or other means), the EMB Foreman instructs Patch & Test technician to repatch circuit.

"This is _____, EMB Foreman.
(name)

Repatch WTO radio circuit from U SC to Bldg 11, TV Studio, over TV program line."

U EMB

7. Notifies WTO of completed actions.

"This is _____, EMB Foreman.
(name)

The EBS program equipment has been activated."

U EMB

8. Issues program origination instructions.

"This is the WHCA Trip Officer. The program fill tape _____ be played."
(will)(will not)

WTO
U EMB

9. Checks program feed.

The EMB Foreman will instruct the WTO to initiate test count to assure circuit readiness and continuity.

"Give a test count from the audio programming equipment. I (am)(am not) receiving the test count. Your audio is (condition)."

If problems are encountered in the testing, a mutual effort must be initiated to attempt to resolve the problem or determine alternate routing.

If NIAC 2 is requested, see Section III.

WTO (time) 10. Directs EBS programming.

The WTO instructs EMB Foreman to play fill tape or that program is about to commence from origination point.

"The time is (time), Washington, DC, time.

The fill tape (will)(will not) be played at (time). Programming will commence at (time)."

U EMB 11. Inserts red patch in NIAC 1/2 circuit after synchronizing time to agree with WTO.

U EMB 12. Fill tape play commences (if ordered).
Starts Tape Unit #1.

U EMB 13. Record program.
Activates Tape Unit #2 to record program.

WTO (time) 14. Programming commences.

U EMB 15. Operates EBS Console.
EMB Foreman adjusts levels.

"This is _____, EMB Foreman.
(name)

Repatch WTO radio circuit from TV Studio
to U SC and deactivate program circuitry."

U EMB _____ 22. If NIAC 2 was utilized, notifies Harrisburg
(time) PGOC of program completion.

The EMB Foreman, using the Harrisburg cue-
ing circuit, notifies the PGOC of program
completion.

U EMB 23. Deactivates programming equipment.

Removes fill tape from Tape Unit #1 and
places in EBS cabinet.

Deactivates Tape Record Unit #2.

Deactivates EBS console.

SECTION III

Situation: If NIAC Order 2 has been directed, the actions contained in this check list will be executed. These steps follow Step 11 of Section I or Step 9 of Section II. A program feed from the WTO to USAICA has been established either by TelCo circuitry or radio, or the WTO is on-site.

NIAC Order 2 Actions

- U EMB 1. AT&T, Harrisburg, PA, notified.
 (time)
- The EMB Foreman telephones the AT&T Program Operations Center (PGOC), Harrisburg, PA. He will attempt to keep this circuit open throughout the broadcast. There is no requirement to extend this circuit from the PGOC to the WTO.
- Telephone Numbers: Primary - (717) 255-5898
 Alternate - (717) 255-5866
- "This is the USAICA EMB Foreman with an EBS Order. Please prepare to copy."
- PGOC 2. Internal readiness.
- "This is the Harrisburg PGOC. Ready to copy your EBS Order."
- U EMB 3. EBS Order Authentication challenge.
- "This is _____, USAICA EMB
 (name)
Foreman. I authenticate _____."
 (line)(challenge)
- PGOC 4. EBS Order Authentication response.
- "This is _____, Harrisburg
 (name)
PGOC. I authenticate _____. Ready
 (line)(reply)
to copy your EBS Order."

EBS MYSTIC TARGET

Program Feed

19 Nov 75

Section I - Via TelCo Circuitry (page 84)
Section II - Via Government Radio (page 100)

General: The purpose of MYSTIC TARGET Tests is to exercise those actions necessary to activate the EBS, patch a program feed from the WHCA Trip Officer (actual or simulated) through USAICA to the AT&T Program Operations Center (PGOC), Harrisburg, PA, and to terminate the EBS. The following are specific constraints:

a. Entry to USAICA from the WHCA Trip Officer (WTO) can be via AUTOVON 380-0099 or HF radio.

b. Voice authentication between the WTO and the USAICA Systems Controller is: "SUGAR" (challenge); "SPICE" (response). These authenticators will not change.

c. Radio authentication between the WTO and the USAICA EMB Foreman will come from US-KAA 287. Frequencies and call signs are contained in Continuity of Government Operations Plan for Providing Emergency Presidential Communications Interface (High Frequency Radio) (U).

d. COMMCEN will use the Closed Circuit Test Activation or Termination tape as appropriate. The authenticator word "SIMULATE" will always be used. These tapes will be processed in the same manner as an Actual EBS Closed Circuit Test; however, THE 500 NET AS/R WILL BE OPERATED IN THE LOCAL POSITION ONLY. STAB, in cooperation with U CC and U SC, will insure the 500 Net is off-line 15 minutes prior to in-house tests. No transmissions will be made to industry. Do not hold up check list actions for polling reports from the 500 Net.

e. Voice authentication between USAICA and Harrisburg PGOC is: "COFFEE" (challenge); "CREAM" (response). These authenticators will not change.

f. The USAICA Systems Controller will only simulate confirmation with AP, UPI, and ADCOM. The 300 Net will not be activated.

- U SC 3. Internal readiness completed.
- Systems Controller and assistant establish conference with WHCA Trip Officer and prepare to copy order.
- U SC 4. Readiness reported.
- "This is the USAICA Systems Controller. Ready to copy your MYSTIC TARGET Test Activation Order."
- WTO 5. MYSTIC TARGET Test Activation Authentication using static authenticator.
- "I authenticate SUGAR."
- U SC 6. MYSTIC TARGET Test Activation Authentication response.
- "This is _____, USAICA Systems
(name)
Controller. I authenticate SPICE. Ready to copy your MYSTIC TARGET Test Activation Order."
- WTO 7. MYSTIC TARGET Test Activation Order transmitted.
- "Roger, I am calling from _____
(area code)
_____. I request
(complete telephone number)
simulated release of the MYSTIC TARGET Test EAN Message. NIAC Order Two is being requested. The test program will be on
(date) (time)(AM/PM), Washington, DC,
time. Date and time of activation is
(date) (time)(AM/PM), Washington, DC,
time."
- U SC 8. MYSTIC TARGET Test Activation Order received.

"I acknowledge and will comply with your request for immediate release of the MYSTIC TARGET Test EAN Message and will transmit NIAC Order Two with test program to begin on , , Washington, DC, (date) (time)(AM/PM) time. Date and time of activation is , , Washington, DC, (date) (time)(AM/PM) time. Request you maintain circuit connection if possible."

U SC 9. COMMCEN, EMB, or TV & Radio (if duty hours programming simulated) contacted using dial intercom.

"This is a MYSTIC TARGET Test Activation. Prepare to copy."

U CMC,
U EMB or 10. Internal readiness.

U TV/R "Please standby."

U CMC 11. Internal readiness completed.

The COMMCEN Section Chief immediately summons the operator assigned EBS actions for that shift while simultaneously locating his book of EBS check lists. The COMMCEN Section Chief tells the operator that a MYSTIC TARGET Test Activation Order is to be issued. The COMMCEN Section Chief and the EBS operator each unlock with separate keys the side of the EBS cabinet containing the EBS Closed Circuit Test teletypewriter tapes. He then returns to contact with the Systems Controller via the dial intercom (the EBS operator stands by).

U EMB or 12. Internal readiness completed.
U TV/R

During the pause (while U CMC is completing Step 11), U EMB or U TV/R identifies himself to the U SC and prepares to copy the MYSTIC TARGET information that U SC will give U CMC.

U CMC

13. Internal readiness reported.

"This is the COMMCEN Section Chief. Ready to copy your MYSTIC TARGET Test Activation Order."

U SC

(time)

14. MYSTIC TARGET Test Activation Order issued to COMMCEN.

"This is a MYSTIC TARGET Test Activation. I am _____, USAICA Systems Con-

(name)

troller. Simulate release of the WHITE EBS Closed Circuit Test Activation teletype tape with NIAC Order Two. The test program will begin on _____,

(date) (time)(AM/PM),

Washington, DC, time. Date and time of activation is _____,

(date) (time)(AM/PM),

Washington, DC, time."

U CMC

15. MYSTIC TARGET Test Activation Order received. (The EBS Operator listens to the COMMCEN Section Chief's response.)

"This is _____, COMMCEN Section
(name)

Chief. I will simulate release of the WHITE EBS Closed Circuit Test Activation tape with NIAC Order Two. The test program will begin on _____,

(date) (time)(AM/PM),

Washington, DC, time. Date and time of activation is _____,

(date) (time)(AM/PM),

Washington, DC, time. I will use the following authenticator: SIMULATE."

U SC

16. Verifies authenticator.

"I verify that the authenticator SIMULATE is correct. Transmit the message off-net only. Notify me when the tape has started."

- U CMC 17. COMMCEN Section Chief removes the WHITE tape from the tape cabinet. Both he and the EBS operator check the color before the COMMCEN Section Chief releases the tape. The COMMCEN Section Chief insures the 500 Net switch is in the off position. The operator loads the tape in the 500 Net TD.
- U CMC 18. WHITE tape feeds through TD and stops at "USAICA Check Tape." Both the Section Chief and the EBS Operator verify that an EBS Closed Circuit Test Activation Tape is not being transmitted over the line before restart.
- U CMC 19. WHITE tape is restarted and the Systems Controller is notified that the 500 Net transmission has commenced. Message should not print out on RO Terminal.
- U CMC 20. Tape stops again and the operator enters the time the test program will begin. Tape is restarted and again stops so the operator may enter the test activation authenticator, "SIMULATE." Tape is restarted and stops again to permit entry of same authenticators. Tape is again restarted and stops to allow entry of the activation date and Washington, DC, time as provided by the Systems Controller. Tape is again restarted and continues to feed until the EAN is completed, after which several line feed functions and the word "STANDBY" appear.
- U SC 21. Immediately upon notification of release of the MYSTIC TARGET Test message, the Systems Controller simulates use of the 300 Net to confirm its authenticity with AP/UPI and ADCOM.
- U SC 22. If he is still on the circuit, notify WTO of simulated confirmation with AP/UPI/ADCOM.

- U EMB 23. Open TV control area. Immediately upon learning of a NIAC No 2 Order, the EMB Foreman and EMB Technician proceed to Bldg 11, EBS Program Control Area.
- U CMC 24. NIAC Order Message transmitted.
- After completion of transmission of the EAN teletype message and the word "STANDBY," the WHITE tape continues to feed for a one-minute period of letter functions, then the NIAC Order Message transmits. Tape stops to permit entry of the test authenticator word (same as used in EAN message). Operator restarts tape which again stops to permit entry of NIAC Order Number (spelled out). After operator restarts, tape again stops to allow entry of the date and Washington, DC, time the test program will begin. Operator restarts tape which again stops to enter NIAC Order Number for deactivation (same NIAC Order entered in first part of message). Operator restarts tape which stops to permit entry of authenticator word. Tape is restarted and stops to enter the date and Washington, DC, time as used in the EAN above. Operator restarts. Tape continues to feed until transmission is completed.
- U CMC 25. NIAC Order message completed.
 (time)
- U EMB 26. Activates program control equipment.
- From the open side of the EBS cabinet, the EMB Foreman removes the check list and the talk-up and recording tapes.
- Loads talk-up tape on Tape Unit #1.
- Loads Tape Unit #2 to record output of EBS console.
- Activates EBS console.

34. Establishes cueing circuit by telephoning
WTO on other circuit.

35. Establishes program feed from WHCA.

"The circuit patching has been completed."

36. Checks program feed.

"Give a test count from the audio programming equipment. I (am)(am not) receiving the test count. Your audio is (condition)."

37. Establishes link to Harrisburg PGOC. While the U EMB Foreman is establishing the link with WTO, the EMB Technician calls Harrisburg PGOC by telephone (use FTS first and DDD as alternate).

Primary - (717) 255-5898
Alternate - (717) 255-5866

"This is the USAICA EMB Foreman with a MYSTIC TARGET Test Programming Order. Please prepare to copy."

PGOC 38. Internal readiness to copy.

"This is the Harrisburg PGOC. Ready to copy your MYSTIC TARGET Test Programming Order."

WTO (time) 39. Directs MYSTIC TARGET Test programming.

The WTO instructs the EMB Foreman to play the talk-up tape and provides time to allow U EMB to synchronize USAICA clock.

"The talk-up tape will be played at (time). Programming will commence at (time). The time is now (time), Washington, DC, time."

U EMB 40. Synchronizes clock and repeats order.

"The time is now (time), Washington, DC, time. The talk-up tape will be played at (time). Programming will commence at (time)."

U EMT 41. MYSTIC TARGET Test Programming Order authentication challenge.

"This is (name), USAICA EMB Foreman. I authenticate COFFEE."

PGOC 42. MYSTIC TARGET Test Order authentication response.

"This is (name), Harrisburg PGOC. I authenticate CREAM. Ready to copy your MYSTIC TARGET Test Programming Order."

U EMT

43. MYSTIC TARGET Programming Order issued.

"The WHCA Trip Officer has directed a MYSTIC TARGET Test. NIAC Order Two has been ordered. I will begin the MYSTIC TARGET Test talk-up tape over the NIAC Order Two circuit at _____,

(time)(AM/PM)

Washington, DC, time. The MYSTIC TARGET Test program will commence at _____,

(time)(AM/PM)

Washington, DC, time. Please terminate WHCA and WTOP from the NIAC circuitry. This program is not for transmission to broadcast networks. Request you record the talk-up and program for later analysis. The time is now _____, Washington,

(time)(AM/PM)

DC, time."

PGOC

44. MYSTIC TARGET Programming Order acknowledged and clock synchronized.

"The time is now _____, Washington,

(time)(AM/PM)

DC, time. I acknowledge your request and will make necessary preparations. I will terminate WHCA and WTOP from the NIAC circuitry and will record the talk-up and program for future analysis. This program is not for transmission to broadcast networks."

PGOC

(time)

45. Advance preparation completed.

"This is Harrisburg PGOC. I have terminated WHCA and WTOP from the bridge. Ready to record your MYSTIC TARGET Test program."

U SC

46. Notes NIAC bridge at Harrisburg is open when tone alarm sounds. Notifies EMB Foreman at TV Studio. Then U SC removes 400 Hz tone from NIAC circuitry by operating key.

- U EMT 47. Informs the EMB Foreman that Harrisburg PGOC is ready to receive and record the MYSTIC TARGET Test program over the NIAC Order Two circuitry.
- U EMB 48. Informs WTO over the cueing circuit that the WTO program line will be patched into the NIAC Order Two circuitry.
- "This is the EMB Foreman. I have Harrisburg PGOC on the NIAC Order circuitry ready to receive and record your MYSTIC TARGET Test Program. I will take action to patch your program circuit through to Harrisburg. I will inform you when the talk-up tape has concluded as a cue to commence programming."
- U EMB 49. Inserts red patch in NIAC 1/2 circuit. Starts talk-up tape at designated time by activating Tape Unit #1. Cues WTO at conclusion of talk-up tape.
- WTO (time) 50. Programming commences.
- U SC (time) 51. Simulates reporting MYSTIC TARGET Test Activation to National III Warning Center and to internal elements as required.
- U SC (time) 52. Simulates notifying ADCOM of the authenticators used in the MYSTIC TARGET Test Activation (SIMULATED).
- U EMB 53. Operates EBS Console.
- EMB Foreman adjusts audio levels.
- WTO 54. Notifies EMB Foreman via the cueing circuit that the MYSTIC TARGET Test program is completed.
- U EMB 55. Deactivates program feed.
- Removes red patch from the NIAC 1/2 circuitry.

U EMB

56. Notifies WTO of completed actions.

Using the cue circuit, the EMB Foreman notifies the WTO that the NIAC 2 circuit has been deactivated.

"The NIAC 2 circuit has been disconnected from your program feed. I will contact the USAICA Systems Controller to reenter the 380-0099 circuit for your termination instructions.

U EMB

57. Using the dial intercom, notifies the USAICA Systems Controller of program completion and to meet the WTO on 380-0099.

"This is _____, EMB Foreman.
(name)

The WTO has notified me of the completion of the MYSTIC TARGET Test program. Meet the WTO on the 380-0099 circuit for termination instructions."

U EMT

(time)

58. Notifies Harrisburg PGO of MYSTIC TARGET Test program completion and requests circuitry be restored.

U EMB

59. Deactivates programming equipment. "Jacks out" of AUTOVON circuit 380-0099. Removes talk-up tape from Tape Unit #1.

Removes recording of program from Tape Unit #2.

Deactivates EBS Console.

Returns MYSTIC TARGET Test talk-up tape to cabinet.

U SC

60. Readiness to accept Termination instructions.

USAICA Systems Controller operates the 380-0099 transfer button restoring his contact with the WTO.

"This is the USAICA Systems Controller ready to copy your MYSTIC TARGET Test Termination Order."

- WTO 61. MYSTIC TARGET Test Termination Authentication using static authenticators.

"This is _____, WHCA Trip
(name)
Officer. I authenticate SUGAR."

- U SC 62. MYSTIC TARGET Test Termination Authentication response.

"I authenticate SPICE."

- WTO (time) 63. MYSTIC TARGET Test Termination Order transmitted.

"Roger, I am calling from _____
(area code)
_____. I request
(complete telephone number)
immediate release of the MYSTIC TARGET
Test Termination message. Date and time
of termination is _____,
(date) (time)(AM/PM)
Washington, DC, time. The time is now
_____, Washington, DC,
(date) (time)(AM/PM)
time."

- U SC 64. MYSTIC TARGET Test Termination Order received.

"I acknowledge and will take action to
comply with your request for a MYSTIC
TARGET Test Termination. Date and time of
termination is _____,
(date) (time)(AM/PM)
Washington, DC, time. The time is now
_____, Washington, DC,
(date) (time)(AM/PM)
time."

U SC 65. COMMCEN contacted using dial intercom.

"This is a MYSTIC TARGET Test Termination.
Prepare to copy."

U CMC 66. Internal readiness.

"Please standby."

U CMC 67. Internal readiness completed.

The COMMCEN Section Chief immediately summons the operator assigned EBS actions for that shift while simultaneously locating his book of EBS check lists. The COMMCEN Section Chief tells the operator that a MYSTIC TARGET Test Termination Order is to be issued. The COMMCEN Section Chief and the EBS operator each unlock with separate keys the side of the EBS cabinet containing the EBS Closed Circuit Test teletypewriter tapes. He then reestablishes contact with the Systems Controller via the dial intercom (the EBS operator stands by).

U CMC 68. Internal readiness reported.

"This is the COMMCEN Section Chief. Ready to copy your MYSTIC TARGET Test Termination Order."

U SC (time) 69. MYSTIC TARGET Test Termination Order issued to COMMCEN.

"This is a MYSTIC TARGET Test Termination.
I am _____, USAICA Systems
(name)

Controller. Simulate release of the BLACK EBS Closed Circuit Test Termination teletype tape. Date and time of termination is _____, Washington, DC,
(date) (time)(AM/PM)

time. The Termination Order time is _____, Washington, DC, time."
(date) (WTO "NOW" time)(AM/PM)

U CMC

70. EBS Closed Circuit Test Termination Order received. (The EBS Operator listens to the COMMCEN Section Chief's response.)

"This is _____, COMMCEN Section
(name)

Chief. I will simulate release of the BLACK EBS Closed Circuit Test Termination teletype tape. Date and time of termination is _____, Washington,
(date) (time)(AM/PM)

DC, time. The termination order time is _____, Washington, DC,
(date) (time)(AM/PM) time. I will use the following authenticator: SIMULATE."

U SC

71. Verifies authenticator from his RED Envelope (simulated).

"I verify that the authenticator SIMULATE is correct. Notify me when the tape has started."

U CMC

72. COMMCEN Section Chief removes the BLACK tape from the tape cabinet. Both he and the EBS operator check the color before the COMMCEN Section Chief releases the tape. The COMMCEN Section Chief insures the 500 Net switch is in the off position. The operator loads the tape in the 500 Net TD.

U CMC

- (time) 73. BLACK tape feeds through TD and stops at "USAICA Check Tape." Both the Section Chief and the EBS operator verify that the EBS Closed Circuit Test Termination Tape is not being transmitted over the line before restart.

U CMC

74. BLACK tape restarted and Systems Controller notified that 500 Net transmission has commenced. Message should not print out on RO terminal.

- U CMC 75. Tape stops and operator enters the test termination authentication word. Operator restarts tape. Tape stops twice and operator enters date and Washington, DC, time as provided by the Systems Controller. Tape is restarted and continues to feed until the tape is completed.
- U SC 76. Immediately upon notification of release of the MYSTIC TARGET Test Termination message, the Systems Controller simulates use of the 300 Net to confirm its authenticity with AP/UPI and ADCOM.
- U CMC (time) 77. MYSTIC TARGET Test Termination Order Message transmission completed.
- U CMC 78. 500 Net poll for acknowledgements accomplished.
- COMMCEN transmits signal to the 500 Net from his Station Selector to simulate polling. Transmits "Please Acknowledge" tape, if appropriate, and reports actions completed to U SC.
- U SC 79. Results of the simulated polling will be reported to the WTO only if one or more of the nine key stations fails (simulation to include acknowledgement by teletype or telephone).
- U SC (time) 80. Notify WHCA Trip Officer only of any major delay encountered or if every attempt has failed to reach one or more of the nine Priority 1 stations.
- U SC (time) 81. Simulate notifying National III Warning Center of MYSTIC TARGET Test Termination.
- U SC 82. Restore 500 Hz tone for the NIAC 1/2 circuitry.
- U SC (time) 83. Simulate reporting MYSTIC TARGET Test Termination internally as required.
- U SC 84. Simulate notifying ADCOM of the authenticators used in the MYSTIC TARGET Test Termination.

SECTION II - GOVERNMENT RADIO

Situation: The WHCA Trip Officer has contacted USAICA EMB Patch & Test by radio (see Annex G). The WHCA Trip Officer has requested a phone patch to the USAICA Systems Controller which has been accomplished prior to the start of this check list.

WTO 1. USAICA Systems Controller is contacted by
 Government Radio.

"This is _____, WHCA Trip
(name)
Officer, with a MYSTIC TARGET Test
Activation Order. Prepare to copy."

U SC 2. Internal readiness.

"Please standby."

U SC 3. Internal readiness completed.

Systems Controller and assistant establish conference with WHCA Trip Officer and prepare to copy order.

U SC 4. Readiness reported.

"This is the USAICA Systems Controller.
Ready to copy your MYSTIC TARGET Test
Activation Order."

WTO 5. MYSTIC TARGET Test Activation Authentica-
 tion using static authenticator.

"I authenticate SUGAR."

U SC 6. MYSTIC TARGET Test Activation Authentica-
 tion response.

"This is _____, USAICA Systems
(name)
Controller. I authenticate SPICE. Ready
to copy your MYSTIC TARGET Test Activation
Order."

7. MYSTIC TARGET Test Activation Order transmitted.

Washington, DC, time. Date and time of
activation is _____,
_____,
Washington, DC, time."

8. MYSTIC TARGET Test Activation Order received.

Washington, DC, time. Date and time of activation is (date), (time)(AM/PM),
Washington, DC, time. Request you maintain circuit connection if possible."

9. COMMCEN, EMB, or TV & Radio (if duty hours, programming simulated) contacted using dial intercom.

"This is a MYSTIC TARGET Test Activation.
Prepare to copy."

10. Internal readiness.

"Please standby."

11. Internal readiness completed.

The COMMCEN Section Chief immediately summons the operator assigned EBS actions for that shift while simultaneously locating his book of EBS check lists. The COMMCEN Section Chief tells the operator that a MYSTIC TARGET Test Activation Order

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12. Internal readiness completed.

1.

13. Internal readiness reported.

[illegible]

14. MYSTIC TARGET Test Activation Order issued to COMMCEN.

3. *Stomoxys calcitrans*

—

1000

test program will begin on _____, _____,
_____, Washington, DC, time. Date and
time of activation is _____, _____,
_____, Washington, DC, time. I will use the
following authenticator: SIMULATE."

- 103

authenticator. Tape is again restarted and stops to allow entry of the activation date and Washington, DC, time as provided by the Systems Controller. Tape is again restarted and continues to feed until the EAN is completed, after which several line feed functions and the word "STANDBY" appear.

- U SC 21. Immediately upon notification of release of the MYSTIC TARGET Test message, the Systems Controller simulates use of the 300 Net to confirm its authenticity with AP/UPI and ADCOM.
- U SC 22. If he is still on the circuit, notify WTO of simulated confirmation with AP/UPI/ADCOM. Prepares to extend WTO to TV Studio. Do not wait for simulated 500 Net acknowledgements.
- U EMB 23. Open TV control area. Immediately upon learning of a NIAC No 2 Order, the EMB Foreman and EMB Technician proceed to the Bldg 11 EBS Program Control Area.
- U CMC 24. NIAC Order Message transmitted.

After completion of transmission of the EAN teletype message and the word "STANDBY," the WHITE tape continues to feed for a one-minute period of letter functions, then the NIAC Order Message transmits. Tape stops to permit entry of the test authenticator word (same as used in EAN message). Operator restarts tape which again stops to permit entry of NIAC Order Number (spelled out). After operator restarts, tape again stops to allow entry of the date and Washington, DC, time the test program will begin. Operator restarts tape which again stops to enter NIAC Order Number for deactivation (same NIAC Order entered in first part of message).

Operator restarts tape which stops to permit entry of authenticator word. Tape is restarted and stops to enter the date and Washington, DC, time as used in the EAN above. Operator restarts. Tape continues to feed until transmission is completed.

U CMC 25. NIAC Order message completed.
 (time)

U EMB 26. Activates program control equipment.

From the open side of the EBS cabinet, the EMB Foreman removes the check list and the talk-up and recording tapes.

Loads talk-up tape on Tape Unit #1.

Loads Tape Unit #2 to record output of EBS console.

Operates Line 1 Bldg 9 switch.

Activates EBS console.

U CMC 27. First polling attempt consisting of three cycles completed. Notify Systems Controller of simulated number of stations failing to acknowledge. Transmits "Please Acknowledge" tape, if appropriate, and notifies U SC of completed actions.

U EMB 28. Notifies USAICA Systems Controller of completed actions.
 (time)

Using the dial intercom system or other system, reports completed actions.

U SC 29. Instructs EMB Foreman to contact Patch & Test technician who will disconnect the WTO from the U SC and patch the WTO to the TV Studio. Extends WTO to TV Studio.

- U EMB 30. Issues Radio Circuit Repatch Order.
- Using the dial intercom or other system, the EMB Foreman instructs Patch & Test technician to repatch circuit.
- "This is _____, EMB Foreman.
(name)
- Repatch WTO radio circuit from U SC to Bldg 11, TV Studio over TV Program Line."
- U EMB 31. Notifies WTO of completed actions.
- "This is _____, EMB Foreman.
(name)
- The program equipment has been activated."
- U SC 32. Results of the simulated polling will be
(time)
- reported to WTO only if one or more of the nine key stations fail (simulation) to acknowledge by either teletype or telephone.
- Ask EMB Foreman, via dial intercom, to notify WHCA Trip Officer of number of stations failing to acknowledge first simulated polling attempt.
- WTO 33. Issues program origination instructions.
- "This is the WHCA Trip Officer. The talk-up tape will be played."
- U EMB 34. Establishes program feed from WHCA.
- The EMB Foreman patches/switches program circuit into EBS Console and notifies the WTO of completed actions.
- "The circuit patching has been completed."
- WTO 35. Check program feed.
U EMB
- The EMB Foreman will instruct the WTO to initiate test count to assure circuit readiness and continuity.

- PGOC 43. MYSTIC TARGET Programming Order acknowledged and clock synchronized.
- "The time is now _____, Washington,
(time)(AM/PM)
DC, time. I acknowledge your request and will make necessary preparations. I will terminate WHCA and WTOP from the NIAC circuitry and will record the talk-up and program for future analysis. This program is not for transmission to broadcast networks."
- PGOC 44. Advance preparation completed.
(time)
- "This is Harrisburg PGOC. I have terminated WHCA and WTOP from the bridge. Ready to record your MYSTIC TARGET Test program."
- U SC 45. Notes NIAC bridge at Harrisburg is open when tone alarm sounds. Notifies EMB Foreman at TV Studio. Then U SC removes 400 Hz tone from NIAC circuitry by operating key.
- U EMT 46. Informs the EMB Foreman that Harrisburg PGOC is ready to receive and record the MYSTIC TARGET Test program over the NIAC Order Two circuitry.
- U EMB 47. Informs WTO that the WTO program line will be patched into the NIAC Order Two circuitry.
- "This is the EMB Foreman. I have Harrisburg PGOC on the NIAC Order circuitry ready to receive and record your MYSTIC TARGET Test Program. I will take action to patch your program circuit through to Harrisburg."
- U EMB 48. Inserts red patch in NIAC 2 circuit. Starts talk-up tape at designated time by activating Tape Unit #1.
- Activates Recording Tape Unit #2 to record program.

- WTO 49. Programming commences.
 (time)
- U SC 50. Simulates reporting MYSTIC TARGET Test
 (time) Activation to National III Warning Center
 and to internal elements as requested.
- U SC 51. Simulates notifying ADCOM of the authen-
 (time) tificators used in the MYSTIC TARGET Test
 Activation.
- U EMB 52. Operates EBS Console.

 EMB Foreman adjusts audio levels and moni-
 tors the program.
- U EMB 53. When the concluding statement, "This com-
 pletes the MYSTIC TARGET Test Program,"
 is finished, the EMB Foreman deactivates
 the program feed.
- U EMB 54. Deactivates program feed.

 Removes red patch from NIAC 2 circuitry.
- U EMB 55. Notifies WTO of completed actions.

 Using the radio channel, the EMB Foreman
 notifies the WTO that the NIAC 2 circuit
 has been deactivated.

 "The NIAC 2 circuit has been disconnected
 from your program feed. I will contact
 the USAICA Systems Controller to reenter
 the radio channel circuit for your termi-
 nation instructions."
- U EMB 56. Using the dial intercom, notifies the
 USAICA Systems Controller of program
 completion.

 "This is , EMB Foreman.
 (name)
 The MYSTIC TARGET Test program has been
 completed. I will instruct the Patch &
 Test technician to patch the WTO radio
 circuit to U SC. Meet the WTO on the radio
 circuit for termination instructions."

U EMB

57. Issues Radio Circuit Repatch Order.

Using the dial intercom, the EMB Foreman instructs the Patch & Test technician to repatch the radio circuit.

"This is _____, EMB Foreman.
(name)"

Repatch WTO radio circuit from TV Studio to U SC."

U EMT

(time)

58. Notifies Harrisburg PGOC of MYSTIC TARGET Test program completion and requests circuitry be restored.

U EMB

59. Deactivates programming equipment. Removes talk-up tape from Tape Unit #1.

Removes recording of program from Tape Unit #2.

Deactivates EBS Console.

Returns MYSTIC TARGET Test talk-up tape to cabinet.

U SC

60. Readiness to accept termination instructions.

When the radio circuit has been repatched, the USAICA Systems Controller asks the WTO for termination instructions.

"This is the USAICA Systems Controller ready to copy your MYSTIC TARGET Test Termination Order."

WTO

61. MYSTIC TARGET Test Termination Authentication using static authenticators.

"This is _____, WHCA Trip
(name)"

Officer. I authenticate SUGAR."

- U SC 62. MYSTIC TARGET Test Termination Authentication response.
- "I authenticate SPICE."
- WTO (time) 63. MYSTIC TARGET Test Termination Order transmitted.
- "Roger, I request simulated release of the MYSTIC TARGET Test Termination message. Date and time of termination is (date), (AM/PM), Washington, DC, time. The time is now (date), (time)(AM/PM), Washington, DC, time."
- U SC 64. MYSTIC TARGET Test Termination Order received.
- "I acknowledge and will take action to comply with your request for a MYSTIC TARGET Test Termination. Date and time of termination is (date), (time)(AM/PM), Washington, DC, time. The time is now (date), (time)(AM/PM), Washington, DC, time."
- U SC 65. COMMCEN contacted using dial intercom.
- "This is a MYSTIC TARGET Test Termination. Prepare to copy."
- U CMC 66. Internal readiness.
- "Please standby."
- U CMC 67. Internal readiness completed.
- The COMMCEN Section Chief immediately summons the operator assigned EBS actions for that shift while simultaneously locating his book of EBS check lists. The COMMCEN Section Chief tells the operator that a

MYSTIC TARGET Test Termination Order is to be issued. The COMMCEN Section Chief and the EBS operator each unlock with separate keys the side of the EBS cabinet containing the EBS Closed Circuit Test teletypewriter tapes. He then reestablishes contact with the Systems Controller via the dial intercom (the EBS operator stands by).

U CMC

68. Internal readiness reported.

"This is the COMMCEN Section Chief. Ready to copy your MYSTIC TARGET Test Termination Order."

U SC

(time)

69. MYSTIC TARGET Test Termination Order issued to COMMCEN.

"This is a MYSTIC TARGET Test Termination. I am _____, USAICA Systems
(name)

Controller. Simulate release of the BLACK EBS Closed Circuit Test Termination teletype tape. Date and time of termination is _____, Washington, DC,
(date) (time)(AM/PM)

time. The Termination Order time is _____, Washington,
(date) (WTO "NOW" time)(AM/PM)
DC, time."

U CMC

70. EBS Closed Circuit Test Termination Order received. (The EBS Operator listens to the COMMCEN Section Chief's response.)

"This is _____, COMMCEN Section
(name)

Chief. I will simulate release of the BLACK EBS Closed Circuit Test Termination teletype tape. Date and time of termination is _____, Washington,
(date) (time)(AM/PM)

DC, time. The termination order time is _____, Washington, DC,
(date) (time)(AM/PM)

time. I will use the following authenticator: SIMULATE."

- U SC 71. Verifies authenticator from his RED Envelope (simulate).
- "I verify that the authenticator SIMULATE is correct. Notify me when the tape has started."
- U CMC 72. COMMCEN Section Chief removes the BLACK tape from the tape cabinet. Both he and the EBS operator check the color before the COMMCEN Section Chief releases the tape. The COMMCEN Section Chief insures the 500 Net switch is in the off position. The operator loads the tape in the 500 Net TD.
- U CMC 73. BLACK tape feeds through TD and stops at (time) "USAICA Check Tape." Both the Section Chief and the EBS operator verify that the EBS Closed Circuit Test Termination Tape is not being transmitted over the line before restart.
- U CMC 74. BLACK tape restarted and Systems Controller notified that 500 Net transmission has commenced. Message should not print out on RO terminal.
- U CMC 75. Tape stops and operator enters the test termination authentication word. Operator restarts tape. Tape stops twice and operator enters date and Washington, DC, time as provided by the Systems Controller. Tape is restarted and continues to feed until the tape is completed.
- U SC 76. Immediately upon notification of release of the MYSTIC TARGET Test Termination message, the Systems Controller simulates use of the 300 Net to confirm its authenticity with AP/UPI and ADCOM.
- U CMC 77. MYSTIC TARGET Test Termination Order (time) Message transmission completed.

- U CMC 78. 500 Net poll for acknowledgements accomplished.
- COMMEN transmits signal to the 500 Net from his Station Selector to simulate polling. Transmits "Please Acknowledge" tape, if appropriate, and reports actions completed to U SC.
- U SC 79. Results of the simulated polling will be reported to the WTO only if one or more of the nine key stations fails (simulation to include acknowledgement by teletype or telephone).
- U SC 80. Notify WHCA Trip Officer only of any major
 (time) delay encountered or if every attempt has failed to reach one or more of the nine Priority 1 stations.
- U SC 81. Simulates notifying National III Warning
 (time) Center of MYSTIC TARGET Test Termination.
- U SC 82. Restores 400 Hz tone for the NIAC 2
 circuitry.
- U SC 83. Simulates reporting MYSTIC TARGET Test
 (time) Termination internally as required.
- U SC 84. Simulates notifying ADCOM of the authenticators used in the MYSTIC TARGET Test Termination.

500 Net Station Priorities

29 Sep 75

1. General. The 500 Net stations are arranged here in three priority groups. Those stations listed in Priority I are essential to any EBS action. Inability to obtain acknowledgements for any of these stations by teletype or telephone in the course of an EBS action must be reported to the WHCA Trip Officer as specified in the check lists. There is no attempt to establish priorities within each group. In general, acknowledgements will be obtained from all Priority I stations before attempts are made to reach Priority II stations; all Priority II acknowledgements are obtained before Priority III contacts are attempted.

2. Priorities are as follows:

Priority I

<u>Station</u>	<u>Activity</u>
503	AP, New York
504	UPI, Chicago
505	WTOP, Washington
508	MBS, Washington
510	ABC, New York
511	CBS, New York
514	NBC, New York
515	AT&T PGOC, Harrisburg
520	AT&T TVOC, New York

Priority II

506	ABC, Washington
507	CBS, Washington
509	NBC, Washington
512	CBS News, New York
516	UPI Audio, New York
517	AT&T TVOC, Washington
518	AT&T TVOC, Chicago
519	AT&T TVOC, Atlanta
521	AT&T Status Ctr, New York
522	NPR, Washington
523	AT&T TVOC, Dallas
524	AT&T TVOC, Los Angeles
527	PBS, Washington

Priority III

502	WHCA, Washington
525	AT&T, NCMC
526	AT&T, WASH 4

500 Net Acknowledgement Failures

1. General: Although the 500 Net has become fairly free of maintenance problems, failure on the part of RO stations to acknowledge remains a problem. Transmission of a broadcast (UU) or station code from either 500 Net ASR will activate the audible (bell) or visual (light) alarms at the appropriate station or stations and place the teletypewriter machine in the "print" condition. Operating the acknowledge key on the RO will silence the audible alarm but not extinguish the visual alarm. To extinguish the light and simultaneously permit the answer-back generator at the RO to respond to the polling signal from either ASR, the key must be operated a second time BUT NOT UNTIL THE COMPLETION OF THE MESSAGE TRANSMISSION AFTER THE WORD "ACKNOWLEDGE." Operating the acknowledge key earlier serves no purpose. It does not extinguish the light nor permit the answer-back generator to function.

2. Procedures: The procedures in this paragraph are designed to reactivate the audible alarms of those stations which do not acknowledge and to transmit a short message to prompt acknowledgement. Punched into the end of each EBS tape, live and test, is a "Please Acknowledge" message. This trailer message is separated from the main message text by approximately 18 inches of blanks. A strip of white plastic attached at right angles to the tape between the two messages prevents unintentional transmission of the "Please Acknowledge" message. Providing the "Please Acknowledge" message on each tape eliminates the necessity of the operator having to prepare the tape or to go to the cabinet for a master each time he needs to prompt acknowledgement.

a. After each message transmission (Activation, Termination, Closed Circuit, etc.) following the word "Acknowledge," all addressee stations are polled. The message tape remains in the TD.

b. After three polling cycles, the operator notes those stations from whom answer-back codes have not been received.

c. He advances the message tape through the TD, past the white plastic strip, to the beginning of the "Please Acknowledge" message.

Appendix 13 to Annex A

d. The operator prepares his message addresser by operating the keys associated with each delinquent station and transmits the "Please Acknowledge" message.

e. The audible alarms of those stations addressed will reactivate and the "Please Acknowledge" message will print out. See message text at the end of this appendix.

f. The operator repolls the delinquent stations. Simultaneously, the COMMCEN Section Chief dispatches personnel to begin telephoning the delinquent stations.

g. Since polling continues indefinitely, it is likely that one or more delinquent stations will acknowledge before being reached by telephone. In these cases, attempts at telephone contact will be discontinued.

h. For those remaining delinquent stations, the COMMCEN Section Chief and/or operators will proceed as follows:

(1) Telephone delinquent stations in order of priority (see Appendix 11 to Annex A).

"This is _____, USAICA, requesting
(name)
acknowledgement of _____ message.
(type of EBS action)
Have you received a good copy of the message?

If the response is negative, read the teletype message verbatim and report to trouble.

If the response is affirmative, go to the next step.

(2) "Is your visual alarm light lit?"

If the answer is negative, go to the next step, reporting the alarm light as a trouble.

If the answer is affirmative, go to the next step.

(3) "Please operate your acknowledge key."

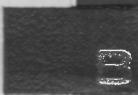
If the answer-back is received and the visual light was lit, note as a customer error.

If the answer-back is not received, report as trouble.

"PLEASE ACKNOWLEDGE" MESSAGE

PLEASE ACKNOWLEDGE IF ABOVE MESSAGE IS READABLE.
ONE OPERATION OF KEY WILL SILENCE BELL; A SECOND
OPERATION AFTER COMPLETION OF THIS MESSAGE WILL
PROVIDE ACKNOWLEDGEMENT AND EXTINGUISH LIGHT.
IF MESSAGE IS NOT READABLE, DO NOT ACKNOWLEDGE
AND OUR OPERATOR WILL TELEPHONE YOU AND PROVIDE
NECESSARY INFORMATION.

#



INSTRUCTIONS FOR
PREPARATION OF TELETYPEWRITER TAPES

This annex provides for the preparation and transmission of all the teletypewriter tapes used by USAICA in originating EBS actions.

<u>Appendix</u>		<u>Page No</u>
1	EBS Actual Activation	124
2	EBS Actual Termination	128
3	EBS Actual NIAC Order Change	130
4	EBS Closed Circuit Test Activation . .	132
5	EBS Closed Circuit Test Termination . .	136
6	EBS Weekly 500 Net Test	138
7	EBS "Please Acknowledge" Message . . .	140

EBS ACTIVATION TAPE PREPARATION INSTRUCTIONS
(Red Tape)

3 Nov 75

1. The instructions contained herein provide for the preparation of a tape to be used in activating the EBS.
2. This tape contains two messages: The EAN and the NIAC Order request. The two messages are separated by a 60-second pause consisting of "LTRS" functions.
3. "UU" is the broadcast code.
4. The auto-stop (Uppercase SS) after the "Check Tape" in the heading is a safeguard to require the operator to verify that he is releasing the live EBS Activation Tape.
5. Automatic stops are entered in the precut tape to provide for including the following information during transmission:
 - a. Authenticator word.
 - b. Date and time following this example: "10 Jan 72 10:30 AM"
 - c. NIAC Order Number spelled out.
6. To provide space for instructions, the format shown below will not be identical to the teletypewriter page copy. Parentheses indicate precut information; brackets show data to be entered during transmission.

(10 LETTERS) (FIG H) [M] (10 LETTERS)

UU (10 LETTERS) (2 CR 20 LF 1 LETTERS)

USAICA SENDS (2 CR 2 LF)

USAICA CHECK TAPE (AUTO-STOP) (3 LETTERS) [RESTART] (2 CR 2 LF)

XXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL-DOES NOT PRINT OUT)

(2 CR 2 LF)

Appendix 1 to Annex B

THIS IS AN EMERGENCY ACTION NOTIFICATION REQUESTED BY THE
WHITE (2 CR 2 LF)

HOUSE. THE AUTHENTICATOR WORD FOR THIS NOTIFICATION IS
(2 CR 2 LF)

(AUTO-STOP) (1 CR 3 LETTERS) [AUTHENTICATOR WORD] [RESTART]
(PERIOD) (SPACE) ALL STATIONS FOLLOW PROCEDURES IN THE EBS
(2 CR 2 LF)

CHECKLIST FOR NATIONAL LEVEL EMERGENCY. THE PRESIDENT
(2 CR 2 LF)

OR HIS DESIGNATED REPRESENTATIVE WILL SHORTLY DELIVER
(2 CR 2 LF)

A MESSAGE OVER THE EMERGENCY BROADCAST SYSTEM. (2 CR 2 LF)

THE AUTHENTICATOR WORD IS (AUTO-STOP, 3 LETTERS) [AUTHENTI-
CATOR WORD] [RESTART] (PERIOD) (2 CR 2 LF)

(AUTO-STOP) (3 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART]
(COMMA SPACE) WASHINGTON, DC, TIME. (2 CR 2 LF)

XXXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXXXXXX (2 CR 2 LF)
(TEN BELLS, ONE SPACE BETWEEN EACH BELL--DOES NOT PRINT OUT)
(2 CR 4 LF)

S T A N D B Y (2 CR 2 LF)

(600 LETTERS) (2 CR 4 LF)

XXXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXXXXXX (2 CR 2 LF)
(TEN BELLS, ONE SPACE BETWEEN EACH BELL--DOES NOT PRINT OUT)
(2 CR 2 LF)

ACTIVATION OF THE EMERGENCY BROADCAST SYSTEM HAS BEEN

REQUESTED BY (2 CR 2 LF)

THE WHITE HOUSE. IMMEDIATE IMPLEMENTATION OF NIAC ORDER

(SPACE) (AUTO-STOP) (3 LETTERS) [NUMBER SPELLED OUT]

[RESTART] (2 CR 2 LF)

IS REQUESTED. (2 CR 2 LF)

THE AUTHENTICATOR WORD IS (AUTO-STOP) (3 LETTERS) [AUTHENTI-

CATOR WORD] [RESTART] (PERIOD) (2 CR 2 LF)

(AUTO-STOP) (3 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART]

(COMMA SPACE) WASHINGTON, DC, TIME. (2 CR 2 LF)

XXXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL--DOES NOT PRINT OUT)

(2 CR 2 LF)

ACKNOWLEDGE (2 CR 20 LF) (FIG H) (10 LETTERS) [POLL]

EBS EMERGENCY ACTION CONDITION TERMINATION
TAPE PREPARATION INSTRUCTIONS
(Green Tape)

4 Nov 75

1. The instructions contained herein provide for the preparation of a tape to be used in terminating the EBS.
2. "UU" is the broadcast code.
3. The auto-stop (Uppercase SS) after the "Check Tape" in the heading is a safeguard to require the operator to verify that he is releasing the live EBS Termination Tape.
4. Automatic stops are entered in the precut tape to provide for including the following information during transmission:
 - a. Authenticator word.
 - b. Date and time following this example: "10 Jan 72 10:30 AM"

5. To provide space for instructions, the format shown below will not be identical to the teletypewriter page copy. Parentheses indicate precut information; brackets show data to be entered during transmission.

(10 LETTERS) (FIG H) [M] (10 LETTERS)

UU (10 LETTERS) (2 CR 20 LF 1 LETTERS)

USAICA SENDS (2 CR 2 LF)

USAICA CHECK TAPE (AUTO-STOP) (3 LETTERS) [RESTART] (2 CR 2 LF)

XXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL-DOES NOT PRINT OUT)

(2 CR 2 LF)

THIS IS AN EMERGENCY ACTION TERMINATION. THE AUTHENTICATOR

(2 CR 2 LF)

Appendix 2 to Annex B

WORD IS (AUTO-STOP) (3 LETTERS) [AUTHENTICATOR WORD] [RESTART]

(PERIOD) ALL STATIONS (2 CR 2 LF)

FOLLOW THE EBS CHECKLIST FOR TERMINATION PROCEDURES. (2 CR 2 LF)

THE AUTHENTICATION WORD IS (AUTO-STOP) (3 LETTERS) [AUTHENTI-
CATOR WORD] [RESTART] (PERIOD 2 CR 2 LF)

(AUTO-STOP) (8 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART]

(COMMA SPACE) WASHINGTON, D.C. TIME. (2 CR 2 LF)

XXXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL-DOES NOT PRINT OUT)

(2 CR 2 LF)

ACKNOWLEDGE (2 CR 20 LF) (FIG H) (10 LETTERS) [POLL]

EBS NIAC ORDER CHANGE REQUEST
TAPE PREPARATION INSTRUCTIONS
(Blue Tape)

4 Nov 75

1. The instructions contained herein provide for the preparation of a tape to be used in changing from one NIAC Order to another.
2. "UU" is the broadcast code.
3. The auto-stop (Uppercase SS) after the "Check Tape" in the heading is a safeguard to require the operator to verify that he is releasing the live EBS NIAC Order Change Request.
4. Automatic stops are entered in the precut tape to provide for including the following information during transmission:
 - a. NIAC Order Numbers spelled out.
 - b. Authenticator word.
 - c. Date and time following this example: "10 Jan 72 10:30 AM"
5. To provide space for instructions, the format shown below will not be identical to the teletypewriter page copy. Parentheses indicate precut information; brackets show data to be entered during transmission.

(10 LETTERS) (FIG H) [M] (10 LETTERS)

UU (10 LETTERS) (2 CR 20 LF 1 LETTERS)

USAICA SENDS (2 CR 2 LF)

USAICA CHECK TAPE (AUTO-STOP) (3 LETTERS) [RESTART] (2 CR 2 LF)

XXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL-DOES NOT PRINT OUT)

(2 CR 2 LF)

Appendix 3 to Annex B

TERMINATION OF NIAC ORDER (AUTO-STOP) (3 LETTERS) [NUMBER
SPELLED OUT] [RESTART] (SPACE) IS REQUESTED. IMMEDIATE
(2 CR 2 LF)

IMPLEMENTATION OF NIAC ORDER (AUTO-STOP) (3 LETTERS) [NUMBER
SPELLED OUT] [RESTART] (SPACE) IS REQUESTED. (2 CR 2 LF)

THE AUTHENTICATOR WORD IS (AUTO-STOP) (3 LETTERS) [AUTHENTI-
CATOR WORD] [RESTART] (PERIOD) (2 CR 2 LF)

(AUTO-STOP) (3 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART]
(COMMA SPACE) WASHINGTON, D.C. TIME. (2 CR 2 LF)

XXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXXXXXX (2 CR 2 LF)
(TEN BELLS, ONE SPACE BETWEEN EACH BELL-DOES NOT PRINT OUT)
(2 CR 2 LF)

ACKNOWLEDGE (2 CR 20 LF) (FIG H) (10 LETTERS) [POLL]

EBS CLOSED CIRCUIT TEST
ACTIVATION TAPE PREPARATION INSTRUCTIONS
(White Tape)

4 Nov 75

1. The instructions contained herein provide for the preparation of a tape to be used in activating the EBS for a closed circuit test.

2. This tape contains two messages: The Closed Circuit Test Notification Message and the Closed Circuit Test NIAC Order Request. The two messages are separated by a 60-second pause consisting of "LTRS" functions.

3. "UU" is the broadcast code.

4. The auto-stop (Uppercase SS) after the "Check Tape" in the heading is a safeguard to require the operator to verify that he is releasing the Closed Circuit Test Activation Tape.

5. Automatic stops are entered in the precut tape to provide for including the following information during transmission:

a. Date and time following this example: "10 Jan 72 10:30 AM"

b. Authenticator word.

c. NIAC Order Number spelled out.

6. To provide space for instructions, the format shown below will not be identical to the teletypewriter page copy. Parentheses indicate precut information; brackets show data to be entered during transmission.

(10 LETTERS) (FIG H) [M] (10 LETTERS)

UU (10 LETTERS) (2 CR 20 LF 1 LETTERS)

USAICA SENDS (2 CR 2 LF)

Appendix 4 to Annex B

USAICA CHECK TAPE (AUTO-STOP) (3 LETTERS) [RESTART] (2 CR 2 LF)
XXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXXX (2 CR 2 LF)
(TEN BELLS, ONE SPACE BETWEEN EACH BELL--DOES NOT PRINT OUT)
(2 CR 2 LF)

THIS IS NOTIFICATION OF A CLOSED CIRCUIT TEST OF THE EMERGENCY
(2 CR 2 LF)

BROADCAST SYSTEM. THE TEST PROGRAM WILL BEGIN AT (AUTO-STOP)
(3 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART] (2 CR 2 LF)
WASHINGTON, DC, TIME. RADIO STATIONS DO NOT BROADCAST THIS
(2 CR 2 LF)

MESSAGE AND DO NOT BROADCAST THE AUDIO PROGRAM. THE TEST
(2 CR 2 LF)

AUTHENTICATOR WORD IS (AUTO-STOP) (3 LETTERS) [AUTHENTICATOR
WORD] [RESTART] (PERIOD) THIS MESSAGE AUTHORIZES A (2 CR 2 LF)
CLOSED CIRCUIT TEST OF THE EMERGENCY BROADCAST SYSTEM.
BROADCAST (2 CR 2 LF)

STATIONS MONITOR RADIO NETWORK LINES FOR CLOSED CIRCUIT TEST
(2 CR 2 LF)

PROGRAM. ALL STATIONS FOLLOW PROCEDURES IN THE EBS CHECKLIST
FOR (2 CR 2 LF)

CLOSED CIRCUIT TEST. THE TEST AUTHENTICATOR WORD IS (AUTO-STOP)
(3 LETTERS) [AUTHENTICATOR WORD] [RESTART] (PERIOD) (2 CR 2 LF)
(AUTO-STOP) (3 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART]

(COMMA SPACE) WASHINGTON, DC, TIME. (2 CR 2 LF)

XXXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL--DOES NOT PRINT OUT)

(2 CR 4 LF)

S T A N D B Y (2 CR 2 LF)

(600 LETTERS) (2 CR 4 LF)

XXXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL--DOES NOT PRINT OUT)

(2 CR 2 LF)

THIS IS NOTIFICATION OF A CLOSED CIRCUIT TEST OF THE EMERGENCY

(2 CR 2 LF)

BROADCAST SYSTEM. DO NOT BROADCAST THIS MESSAGE. DO NOT

BROADCAST (2 CR 2 LF)

THE AUDIO PROGRAM. THE TEST AUTHENTICATOR WORD IS (AUTO-STOP)

(3 LETTERS) [AUTHENTICATOR WORD] [RESTART] (PERIOD) (2 CR 2 LF)

IMMEDIATE IMPLEMENTATION OF NIAC ORDER (AUTO-STOP) (3 LETTERS)

[NUMBER SPELLED OUT] [RESTART] (SPACE) IS REQUESTED.

(2 CR 2 LF)

THE TEST PROGRAM WILL BEGIN AT (AUTO-STOP) (3 LETTERS) [DAY,

MONTH, YEAR, TIME] [RESTART] (COMMA) (2 CR 2 LF)

WASHINGTON, DC, TIME. (2 CR 2 LF)

DEACTIVATE NIAC ORDER (AUTO-STOP) (3 LETTERS) [NUMBER SPELLED

OUT] [RESTART] (SPACE) ON THE FOLLOWING AURAL CUE: (2 CR 2 LF)

"THIS CONCLUDES THE CLOSED CIRCUIT TEST OF THE EMERGENCY

(2 CR 2 LF)

BROADCAST SYSTEM." THE TEST AUTHENTICATOR WORD IS (AUTO-STOP)
(3 LETTERS) [AUTHENTICATOR WORD] [RESTART] (PERIOD) (2 CR 2 LF)
(AUTO-STOP) (3 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART]
[COMMA SPACE] WASHINGTON, D.C. TIME. (2 CR 2 LF)

XXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXXXXXXXXXX (2 CR 2 LF)
(TEN BELLS, ONE SPACE BETWEEN EACH BELL-DOES NOT PRINT OUT)
(2 CR 2 LF)

ACKNOWLEDGE (2 CR 20 LF) (FIG H) (10 LETTERS) [POLL]

EBS CLOSED CIRCUIT TEST
TERMINATION TAPE PREPARATION INSTRUCTION
(Black Tape)

4 Nov 75

1. The instructions contained herein provide for the preparation of a tape to be used in terminating a closed circuit test of the EBS.
2. "UU" is the broadcast code.
3. The auto-stop (Uppercase SS) after the "Check Tape" in the heading is a safeguard to require the operator to verify that he is releasing the EBS Closed Circuit Test Termination tape.
4. Automatic stops are entered in the precut tape to provide for including the following information during transmission:
 - a. Authenticator word.
 - b. Date and time following this example: "10 Jan 72 10:30 AM"
5. To provide space for instructions, the format shown below will not be identical to the teletypewriter page copy. Parentheses indicate precut information; brackets show data to be entered during transmission.

(10 LETTERS) (FIG H) [M] (10 LETTERS)

UU (10 LETTERS) (2 CR 20 LF 1 LETTERS)

USAICA SENDS (2 CR 2 LF)

USAICA CHECK TAPE (AUTO-STOP) (3 LETTERS) [RESTART] (2 CR 2 LF)

XXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL-DOES NOT PRINT OUT)

(2 CR 2 LF)

THIS IS AN EBS CLOSED CIRCUIT TEST TERMINATION. (2 CR 2 LF)

Appendix 5 to Annex B

THE AUTHENTICATOR WORD FOR THIS TERMINATION IS (2 CR 2 LF)
(AUTO-STOP) (3 LETTERS) [AUTHENTICATOR WORD] [RESTART]
(PERIOD) (SPACE) THE CLOSED CIRCUIT TEST WAS TERMINATED
(2 CR 2 LF)

AT (AUTO-STOP) (3 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART]
(COMMA SPACE) WASHINGTON, DC, TIME. (2 CR 2 LF)

THE AUTHENTICATOR WORD IS (AUTO-STOP) (3 LETTERS) [AUTHENTI-
CATOR WORD] [RESTART] (PERIOD) (2 CR 2 LF)

(AUTO-STOP) (3 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART]
(COMMA SPACE) WASHINGTON, DC, TIME. (2 CR 2 LF)

XXXXXXXXXXXXXXXXXXXXX (FULL LINE OF X's) XXXXXXXXXXXXXXXX (2 CR 2 LF)
(TEN BELLS, ONE SPACE BETWEEN EACH BELL--DOES NOT PRINT OUT)
(2 CR 2 LF)

ACKNOWLEDGE (2 CR 20 LF) (FIG H) (10 LETTERS) [POLL]

EBS WEEKLY "500 NET" TEST MESSAGE
TAPE PREPARATION INSTRUCTIONS
(Yellow Tape)

4 Nov 75

1. The instructions contained herein provide for the preparation of a tape to be used in conducting a weekly test of the "500 Net" Teletypewriter System.

2. "UU" is the broadcast code.

3. Automatic stop is entered in the precut tape to provide for including the date and time following this example:
"10 Jan 72 10:30 AM."

4. To provide space for instructions, the format shown below will not be identical to the teletypewriter page copy. Parentheses indicate precut information; brackets show data to be entered during transmission.

(10 LETTERS) (FIG H) [M] (10 LETTERS)

UU (10 LETTERS) (2 CR 20 LF 1 LETTERS)

USAICA SENDS (2 CR 2 LF)

XXXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL--DOES NOT PRINT OUT)

(2 CR 2 LF)

THIS IS A ROUTINE TEST OF THE 500 NET TELETYPEWRITER EQUIPMENT

AND (2 CR 2 LF)

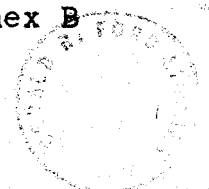
CIRCUITRY. IF REPETITIVE TROUBLE IS BEING EXPERIENCED PLEASE

(2 CR 2 LF)

DO NOT ACKNOWLEDGE AND OUR TECHNICAL STAFF WILL CONTACT YOU

(2 CR 2 LF)

BY TELEPHONE WITHIN FIVE MINUTES. (2 CR 2 LF)



TESTING EMERGENCY ACTION NOTIFICATION PROCEDURES--REPEAT--

TESTING (2 CR 2 LF)

EMERGENCY ACTION NOTIFICATION PROCEDURES. IF THIS WERE NOT
A TEST (2 CR 2 LF)

YOU WOULD RECEIVE THE EMERGENCY ACTION NOTIFICATION MESSAGE
(2 CR 2 LF)

CONTAINING AUTHENTICATOR WORDS. ANOTHER MESSAGE WOULD
(2 CR 2 LF)

IMMEDIATELY FOLLOW REQUESTING SPECIFIC NIAC ORDER ARRANGEMENTS
(2 CR 2 LF)

AND THE SAME MESSAGE AUTHENTICATOR WORDS TRANSMITTED AGAIN.
(2 CR 2 LF)

TESTING EMERGENCY ACTION NOTIFICATION PROCEDURES--REPEAT--

TESTING (2 CR 2 LF)

EMERGENCY ACTION NOTIFICATION PROCEDURES. END OF MESSAGE.
(2 CR 2 LF)

(AUTO-STOP) (3 LETTERS) [DAY, MONTH, YEAR, TIME] [RESTART]

(COMMA SPACE) WASHINGTON, D.C. TIME. (2 CR 4 LF)

XXXXXXXXXXXXXXXXXXXXXXX (FULL LINE OF X'S) XXXXXXXX (2 CR 2 LF)

(TEN BELLS, ONE SPACE BETWEEN EACH BELL-DOES NOT PRINT OUT)

(2 CR 2 LF)

ACKNOWLEDGE (2 CR 20 LF) (FIG H) (10 LETTERS) [POLL]

EBS PLEASE ACKNOWLEDGE MESSAGE PREPARATION INSTRUCTIONS

10 Mar 75

1. The instructions contained herein provide for the preparation of the Please Acknowledge Message.
 2. Stations that have not acknowledged after three polling cycles will be selected using the Message Addresser prior to transmitting the Please Acknowledge Tape.
 3. To provide space for instructions, the format shown below will not be identical to the teletypewriter page copy. Parentheses indicate precut information; brackets show data to be entered during transmission.
-

(10 LETTERS) (2 CR 5 LF 1 LETTERS)

(10 BELLS, 1 SPACE BETWEEN EACH BELL - DOES NOT PRINT OUT)

(2 CR 2 LF)

PLEASE ACKNOWLEDGE IF ABOVE MESSAGE IS READABLE. (2 CR 2 LF)

ONE OPERATION OF KEY WILL SILENCE BELL; A SECOND (2 CR 2 LF)

OPERATION AFTER COMPLETION OF THIS MESSAGE WILL (2 CR 2 LF)

PROVIDE ACKNOWLEDGEMENT AND EXTINGUISH LIGHT. (2 CR 2 LF)

IF MESSAGE IS NOT READABLE, DO NOT ACKNOWLEDGE (2 CR 2 LF)

AND OUR OPERATOR WILL TELEPHONE YOU AND PROVIDE (2 CR 2 LF)

NECESSARY INFORMATION. (2 CR 3 LF)

(10 BELLS, 1 SPACE BETWEEN EACH BELL - DOES NOT PRINT OUT)

(2 CR 2 LF)

(FIG H) (10 LETTERS) [POLL]

FOR OFFICIAL USE ONLY

FOR OFFICIAL USE ONLY