

DIMENSION[®] PBX
FEATURE TEST
CALL WAITING SERVICES

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1. GENERAL

1.1 This section provides testing information for Call Waiting Services.

1.2 The Call Waiting Services feature allows a call to a busy station line to be held waiting and a tone signal is directed toward the busy station user. The called station user may hang up, whereby his station will ring, and when answered, is connected to the call waiting. The called station may flash to receive recall dial tone, dial the answer-hold code to connect with call waiting and original party is placed on hold. The following options are provided with this feature.

1.21 Attendant Call Waiting allows all attendant completed calls to busy stations to camp-on. Busy station line receives two beeps indicating an incoming call is waiting. The busy station may connect to waiting call by hanging up or dialing answer hold code.

1.22 Originating Call Waiting allows a station user to direct a call waiting tone toward any busy station user. This feature is initiated by dialing the call waiting access code plus the station number. The call will complete in a normal manner if called station is idle or direct one beep to the busy station indicating a call waiting. A special audible ringback tone is returned to the calling party until called station answers. The busy station may connect to the waiting call by hanging up or dialing the answer-hold code. This feature is administered on a class of service basis.

1.23 Terminating Call Waiting allows the station user to have a call waiting tone directed toward his busy station. All incoming calls to the busy station will generate a call waiting tone and special audible ringback tone is returned to the calling party. The busy station may connect to the waiting call by hanging-up or dialing the answer-hold code. This feature option is administered on a class of service basis.

2. RECORDS

2.1 Form SD-97-1313 is required for reporting the results of these tests.

3. TEST EQUIPMENT AND DOCUMENTATION

3.1 Handsets

<u>Amount</u>	<u>Type</u>	<u>Description</u>
1	ITE-4208A	Telephone Handset
2	500 Type	Telephone Set (Dial Pulse Systems)
	or	
	2500 Type	*Telephone Set (Touch Tone Systems)
1		CSS-201 Attendant Console

Touch Tone Telephones are required if the asterisk () or number (#) signs are used in answer-hold or originating call waiting access codes.

ANS HOLD
* 9

PRIVATE

THE INFORMATION CONTAINED HEREIN SHOULD NOT BE DISCLOSED TO UNAUTHORIZED PERSONS. IT IS MEANT SOLELY FOR USE BY AUTHORIZED BELL SYSTEM EMPLOYEES.

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- 3.2 Documentation
- 3.21 From the Customer Order Document, determine the following:
- 3.211 Dial access codes for answer-hold and originating call waiting from the Trunk and Feature Dial Code Summary.
- 3.212 Using the Class of Service Assignments and Station Line Assignments, select lines as follows:
- Station A - Test Line
- Station B - Station Line with Originating Call Waiting in Class of Service.
- Station C - Station Line with Terminating Call Waiting in Class of Service.
- Record station line extension number and equipment location for Stations A, B, and C.
4. TEST SET-UP
- 4.1 Connect telephone handset to Station A.
- 4.2 Connect telephone sets to Stations B, and C.
- 4.3 Verify that the console is connected to the system.
5. ATTENDANT CALL WAITING
- 5.01 Place an intercom call between Stations A and B.
- 5.011 Talking path established.
- 5.02 Arrange for an incoming call to the console.
- 5.03 At console, answer call and extend to Station A.
- 5.031 Console receives confirmation tone.
- 5.04 At console, press RELEASE key.
- 5.041 Two beeps of tone directed to Station A.
- 5.05 After approximately 30 seconds, the busy lamp on console loop will flash. Press LOOP key.
- 5.051 Console and incoming call connected.
- 5.06 At console, press RELEASE PARTY key and extend call to Station B.
- 5.061 Console receives confirmation tone.
- 5.07 At console, press RELEASE key.
- 5.071 Two beeps of tone directed to Station B.
- 5.08 At Station B, flash to receive recall dial tone and dial answer-hold code.
- 5.081 Station B and incoming call are connected together. Station A is on hold and loop at console is released.
- 5.09 At station B, flash to receive recall dial tone and dial answer-hold code.
- 5.091 Stations A and B reconnected and incoming call placed on hold.
- 5.10 Hang up Stations A and B.
- 5.11 Station B rings.
- 5.12 At station B, answer call.
- 5.121 Station B and incoming call connected.
- 5.13 Hang up Station B and incoming call.
6. ORIGINATING CALL WAITING
- 6.1 At Station B, go off-hook and dial Originating Call Waiting Code plus Station C.
- 6.11 Station C rings. Call completed normally.
- 6.2 Hang up Station B and C if off-hook. Place an intercom call between Stations A and C.
- 6.21 Talking path established between Stations A and C.
- 6.3 At Station B, go off-hook and dial Originating Call Waiting Code plus Station C.
- 6.31 Station C receives three beeps of tone. Station B receives special ringback.
- NOTE: Special ringback has a lower pitch at the end of the ring cycle.
- 6.4 Hang up Stations A and C.

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|-------|-------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------|
| 6.5 | Station C rings. | 7.07 | If DID is provided, proceed to next step, else go to Paragraph 8. |
| 6.6 | At Station C, answer call. | 7.08 | Place an intercom call between Stations A and C. |
| 6.61 | Stations B and C connected. | 7.081 | Talking path established. |
| 6.7 | Hang up Stations B and C. | 7.09 | Arrange for a DID call to Station C. |
| 7. | <u>TERMINATING CALL WAITING</u> | 7.091 | Station C receives two beeps of tone. DID party receives special ringback. |
| 7.01 | Place an intercom call between Stations A and C. | 7.10 | Hang up Stations A and C. |
| 7.011 | Talking path established. | 7.11 | Station C rings. |
| 7.02 | At Station B, go off-hook and dial Station C. | 7.12 | Answer Station C. |
| 7.021 | Station C receives one beep of tone. Station B receives special ringback. | 7.121 | Station C and DID call connected. |
| | <u>NOTE:</u> Special ringback has a lower pitch at the end of the ring cycle. | 7.13 | Hang up Station C and DID call. |
| 7.03 | Hang up Stations A and C. | 8. | <u>RESTORATION</u> |
| 7.04 | Station C rings. | 8.1 | Determine if part of existing set-up can be utilized for the next test and restore all other facilities to normal. |
| 7.05 | Answer Station C. | | |
| 7.051 | Stations B and C connected. | | |
| 7.06 | Hang up Stations B and C. | | |

Manager, Denver PBX, PECC

Attachments: Pages 4 through 7.

AUS Hold * 9
 call wait * 8

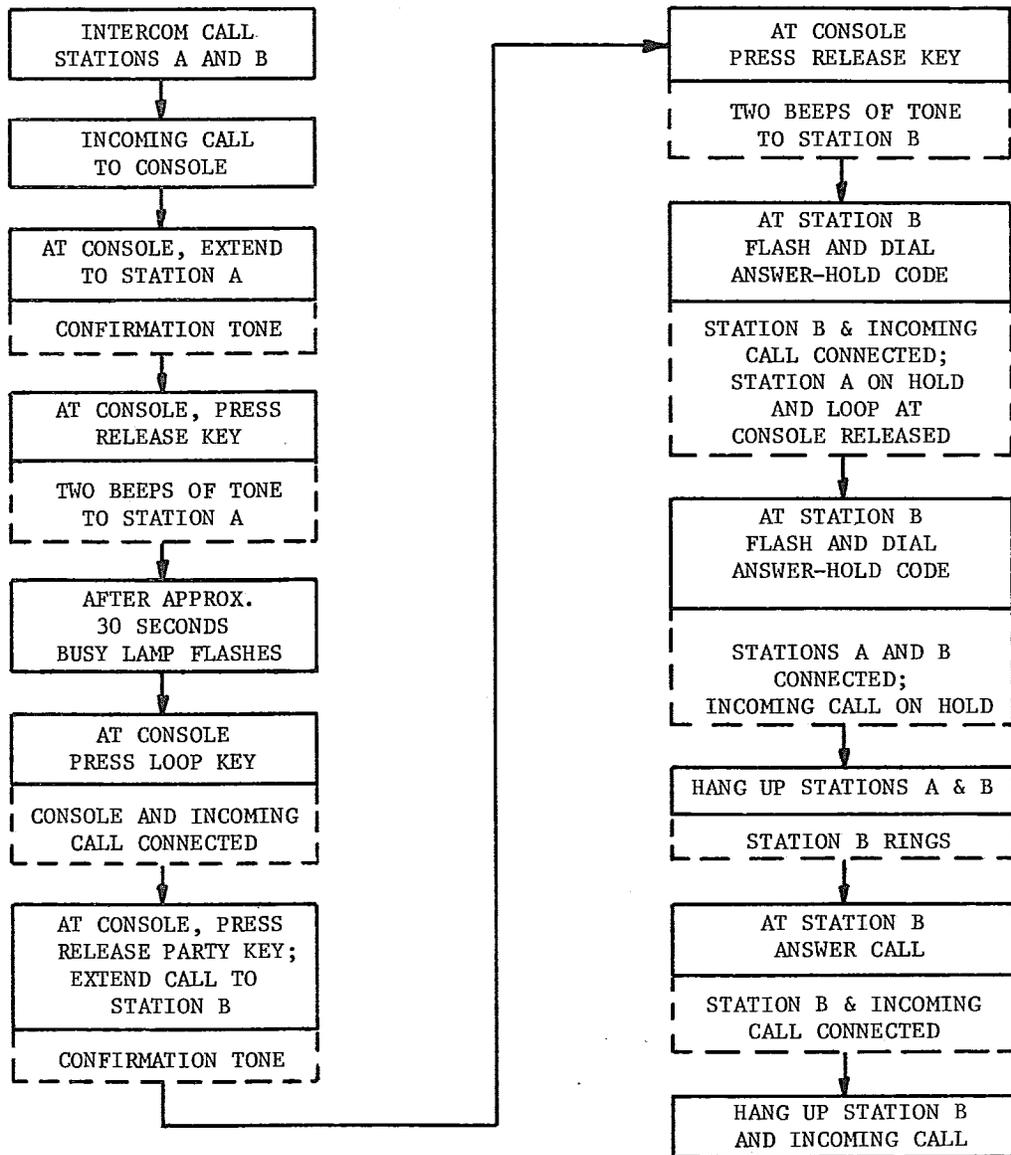
CALL WAITING SERVICES

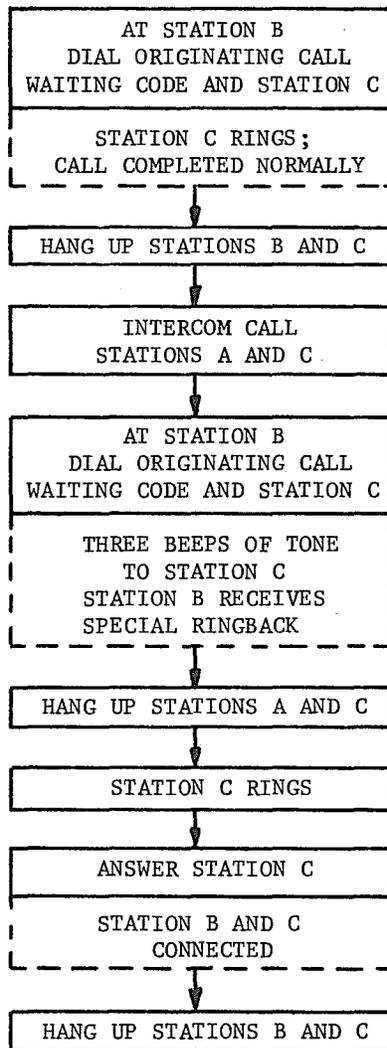
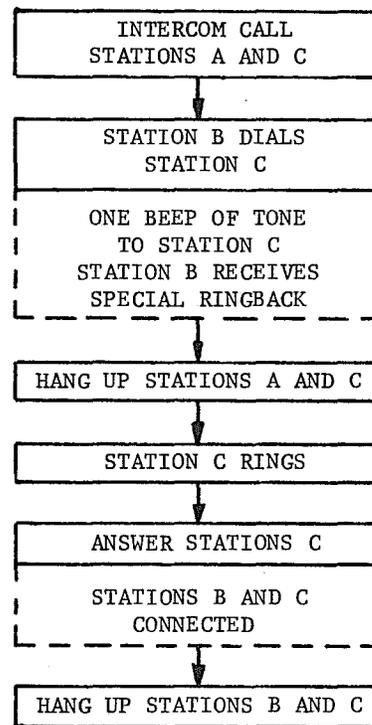
ORIGINATING CALL WAITING ACCESS CODE _____

ANSWER-HOLD CODE _____

	LOCATION					
	<u>MODULE</u>	<u>CABINET</u>	<u>EXTENSION</u>	<u>CAR</u>	<u>SLOT</u>	<u>CIRCUIT</u>
TEST LINE (STATION A)	_____	_____	_____	_____	_____	_____
LINE WITH ORIGINATING CALL WAITING (STATION B)	_____	_____	_____	_____	_____	_____
LINE WITH TERMINATING CALL WAITING (STATION C)	_____	_____	_____	_____	_____	_____

ATTENDANT CALL WAITING



ORIGINATING CALL WAITINGTERMINATING CALL WAITING

TERMINATING CALL WAITING

(DID CALL)

