

PRODUCT AFFECTED/TITLE <b>TWO-WAY TRUNK CIRCUIT TO CENTRAL OFFICE</b>	SYSTEM <b>PBX</b>	<b>LDI</b> ISSUE <b>28A</b>
	CODE OR DOCUMENT IDENTIFICATION <b>SD-65752-01</b>	
REFERENCES	SHEET <b>1</b> OF <b>2</b>	APPARATUS <input type="checkbox"/> EQUIPMENT <input type="checkbox"/> CIRCUIT <input checked="" type="checkbox"/> PROGRAM <input type="checkbox"/> NEW <input type="checkbox"/> CHANGE <input checked="" type="checkbox"/> WECO ENGR CONTROL LOC <b>HW</b>

<b>APPARATUS NEW CODE</b> <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL — BALANCE SCHEDULED FOR _____ PROBABLE DEMAND _____ <input type="checkbox"/> REPLACES THE _____ WHICH SHALL BE RATED _____ <input type="checkbox"/> DOES NOT REPLACE OR REDUCE THE DEMAND FOR ANY PRODUCT <input type="checkbox"/> DOES NOT REPLACE BUT REDUCES DEMAND FOR THE _____ BY _____ CUSTOMER: <input type="checkbox"/> ASSOCIATE <input type="checkbox"/> NON-ASSOCIATE RATING: <input type="checkbox"/> PROPOSED AT&TCO STD <input type="checkbox"/> DISTRIBUTOR STD <input type="checkbox"/> COMPONENT PART <input type="checkbox"/> NOT YET STD BY AT&TCO <input type="checkbox"/> OTHER _____ INITIAL USE: _____	<b>APPARATUS CHANGE</b> CHANGE CLASS _____ NEW AND OLD INTERCHANGEABLE <input type="checkbox"/> YES <input type="checkbox"/> NO CHANGE IN LIST OF COMPONENT APPARATUS: REPAIRED PRODUCT AFFECTED <input type="checkbox"/> YES <input type="checkbox"/> NO
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**APPARATUS GENERAL**

TOOL MADE SAMPLES: QUANTITY REQUIRED \_\_\_\_\_  WILL BE RETAINED BY BTL  WILL BE RETURNED TO APPLY ON ORDERS  
 PRODUCT  MAY BE  SHALL NOT BE SHIPPED PRIOR TO TOOL-MADE SAMPLE APPROVAL  
 ASSOCIATED SD DWG  AFFECTED  NOT AFFECTED SD \_\_\_\_\_ SCHED. FOR ISS. \_\_\_\_\_

<b>EQUIPMENT</b> CHANGE CLASS _____ AT&TCO RATING _____ ASSOCIATED CIRCUIT SCHEMATIC DWG _____ ISS _____ REPAIRED PRODUCT AFFECTED <input type="checkbox"/> YES <input type="checkbox"/> NO	<b>CIRCUIT</b> SCHEDULED FOR DWG ISS <b>31A</b> DATE _____ CHANGE CLASS <b>A</b> ITEMS <b>1</b> PROJECT <b>756A</b> EQUIPMENT CODES: _____ TYPE OF CHANGE CHARGE CASE _____ <input checked="" type="checkbox"/> ANALYZATION <input type="checkbox"/> ENGR COMPLAINT <input type="checkbox"/> BTL—NOT ON PROJECT <input type="checkbox"/> WECO REQUEST SERVICE AFFECTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO COORDINATING CIRCUITS: _____	<b>PROGRAM</b> CHANGE CLASS _____ GENERIC PROGRAM ISS _____ AT&TCO RATING _____ EQUIPMENT CODES: _____
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**CHANGE/DESCRIPTION**

THE FOLLOWING ITEM IS ADDED TO PREVENT A RACE CONDITION IN THE TRUNK CIRCUIT WHICH CAN RESULT IN THE TRUNK FAILING TO RELEASE WHEN THE CENTRAL OFFICE DISCONNECTS FROM AN UNANSWERED CALL TO A PBX STATION. THE FORGOING CHANGE APPLIES TO NEW MANUFACTURE AND IS NON-FIELD AFFECTING.

ITEM 1 : OPTION XI IS DESIGNATED AND RATED MANUFACTURE DISCONTINUED. OPTION XJ IS ADDED AND RATED STANDARD. OPTION XJ ADDS IIM CONTACT OF RELAY SR WHICH OPENS THE SECONDARY WINDING OF RELAY RS, THUS PROVIDING A FAST RELEASE CHARACTERISTIC OF RELAY RS UPON CENTRAL OFFICE DISCONNECTION.

ATTACHMENTS <b>NONE</b>	ADDITIONAL DISTRIBUTION <b>NONE</b>	REG	L
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PRINCIPAL DWG	(TO BE COMPLETED BY WECO)	DEPT <b>5122</b> BTL CONTROL LOC <b>WED-HN</b>	
	ISSUE	APPROVALS <b>S.H. Adams</b> 9/13/68 CKT ENGR DATE <b>R.W. Fox</b> 9/13/68 CKT SUPV DATE <b>R.N. Olsen</b> 9/13/68 APP. EQUIP. OR PROG ENGR DATE <b>R.W. Fox</b> 9/13/68 APP. EQUIP. OR PROG SUPV DATE	<input type="checkbox"/> BEFORE CKT ISS <input type="checkbox"/> DEFERRED <input type="checkbox"/> NONE REQUIRED



PBX SYSTEMS  
NO. 756A  
TWO-WAY TRUNK CIRCUIT  
TO CENTRAL OFFICE

APPARATUS NEW CODE  COMPLETE  PARTIAL-BALANCE SCHEDULED FOR \_\_\_\_\_  
PROBABLE DEMAND \_\_\_\_\_  
 DOES NOT REPLACE OR REDUCE THE DEMAND FOR ANY PRODUCT.  
 DOES NOT REPLACE BUT REDUCES THE DEMAND FOR THE \_\_\_\_\_ BY \_\_\_\_\_  
 RECOMMENDED IN PLACE OF THE \_\_\_\_\_ WHICH SHALL BE RATED  A & M ONLY  MFR DISC.  
 REPLACES THE \_\_\_\_\_ WHICH SHALL BE RATED MFR DISC.  
CUSTOMER:  ASSOCIATE  NON-ASSOCIATE  
RATING:  PROPOSED AT&TCO STD  DISTRIBUTOR STD  COMPONENT PART  
 NOT YET STD BY AT&TCO  OTHER \_\_\_\_\_  
INITIAL USE: \_\_\_\_\_

TOOL MADE SAMPLES: QUANTITY REQUIRED \_\_\_\_\_ APPARATUS GENERAL ASSOCIATED CKT DWG  AFFECTED  NOT AFFECTED  
 WILL BE RETAINED BY BTL  WILL BE RETURNED TO APPLY ON ORDERS  
PRODUCT  MAY BE  SHALL NOT BE SHIPPED PRIOR TO SAMPLE APPROVAL SD- \_\_\_\_\_ SCHED FOR ISS \_\_\_\_\_

PROGRAM CHANGE CLASS _____	EQUIPMENT CHANGE CLASS _____	CIRCUIT SCHEDULED FOR DWG ISS <b>30A</b> DATE _____
GENERIC PROGRAM ISS _____	AT&TCO RATING _____	ITEMS _____ CHARGE CASE _____
AT&TCO RATING _____	ASSOCIATED CKT DWG _____ ISS _____	PROJECT _____ AT&TCO RATING _____
EQUIPMENT CODES: _____	J-SPEC (BSP) AFFECTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> ANALYZATION <input type="checkbox"/> ENGR COMPLAINT <input type="checkbox"/> EQUIPMENT CODES
	REPAIRED PRODUCT AFFECTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> BTL-NOT ON PROJECT <input checked="" type="checkbox"/> WECC REQUEST
		SERVICE AFFECTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
		CUSTOMER PREMISES EQUIPMENT AFFECTED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		COORD CIRCUITS: _____

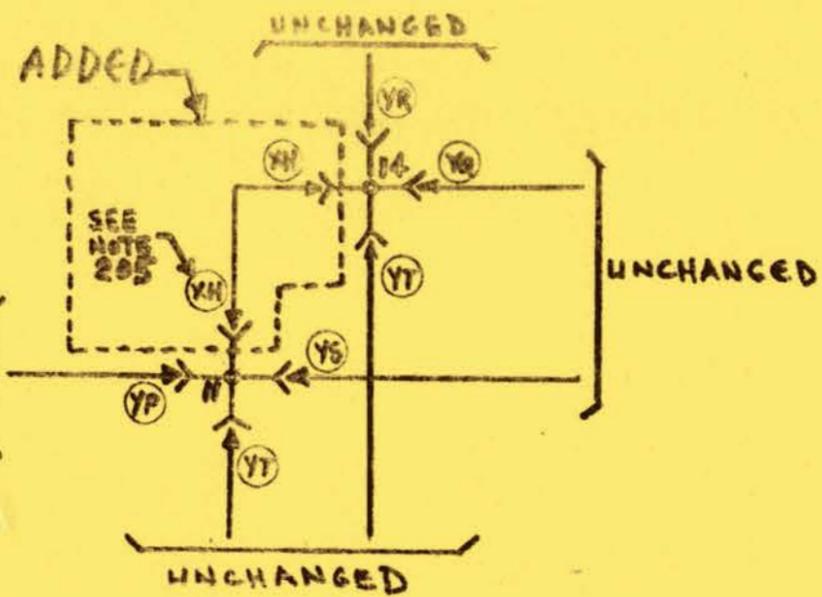
REASON FOR CHANGE  
CURRENTLY MANUFACTURED PLUG-IN TRUNKS ARE ARRANGED FOR MAKE BUSY & BUSY DISPLAY FEATURE. WHEN THESE TRUNKS ARE ADDED TO PBX'S IN THE FIELD THAT ARE NOT ARRANGED FOR MAKE BUSY & BUSY DISPLAY, AN OPEN CIRCUIT CONDITION EXISTS ON LEAD IT9. CAUSING THE TRUNK TO BE INOPERATIVE.  
EQUIPMENT NOTE 205 PROVIDES AN ARRANGEMENT TO CORRECT THIS CONDITION FOR FIELD APPLICATIONS.

REFERENCES	ADDITIONAL DISTRIBUTION	REC	L
	NONE		
ATTACHMENTS			
NONE			

(TO BE COMPLETED BY WECC AND RETURNED TO BTL ENGR RECORDS)  
AT LOC. \_\_\_\_\_, DEPT. \_\_\_\_\_  
PRINCIPAL WECC DWG OR BSRS \_\_\_\_\_ ISSUE \_\_\_\_\_  
APPROVALS  
CKT ENGR S. H. Adam 6/20/68  
CKT ENGR R. W. SIMAK 6/20/68  
APP. EQPT. OR PROG ENGR [Signature] 6/20/68  
APP. EQPT. OR PROG SUBV [Signature] 6/20/68  
BTL CONTROL LDC \_\_\_\_\_  
DATE \_\_\_\_\_  
 BTL CONTROL LDC  
 DEFERRED  
 NON REQUIRED

Signed: S. H. Adam 6/20/68  
WITNESSED AND UNDERSTOOD BY: J. J. March 6/20/68

1. ON SHEET B2, LOCATION G2, OPTION XH IS ADDED AS SHOWN:



2. ON SHEET D1, EQUIPMENT NOTE 205 IS ADDED AS FOLLOWS:

205. WHEN PLUG-IN TRUNKS (3, 4, 8 & 9) BUILT PER ISSUE 22D OR LATER ARE ADDED TO EXISTING PBX'S THAT ARE NOT ARRANGED FOR MAKE BUSY & BUSY DISPLAY FEATURE, THE INSTALLER SHALL ADD OPTION XH.