

Task Oriented Practice
(TOP)

4ESS™ SWITCH

CCS CIRCUIT ORDER - RECENT CHANGE

4E20 GENERIC PROGRAM

MACHINE ADMINISTRATION CENTER

TOP Comments Hot Line:
Monday through Friday
8:00 a.m.—4:00 p.m. Eastern Time
Call 1-800-334-0404

Developed by
AT&T Network Systems Customer Education & Training

Issue 1	JAN 1995
234-152-207	TPG
TITLE PAGE	000

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FIND YOUR JOB IN THE LIST BELOW THEN GO TO

Acceptance NTP-002

Circuit Order – Cancel NTP-012

CON in CMS – Activate DLP-558

File; Reinitialization – Audit DLP-501

File; Reinitialization – Establish DLP-580

Log Book; Recent Change – Establish DLP-599

ODA Tape; Write of Back-up – Coordinate NTP-025

ORNUs Printout Entered in Rollback Area – Obtain DLP-584

ORNUs Printout in Buffer State – Obtain DLP-585

RC Worksheets To Delete Trunks and/or Discontinue Associated TSG – Complete NTP-008

Recent Change Data Messages (RCDMs) To Delete Trunks or Discontinue TSG – Enter NTP-009

Status; Trunk – Determine DLP-509

Tape Cartridge – Mount DLP-500

Tape Cartridge – Remove DLP-586

TG; New CCS – Establish NTP-022

Trunks from MF TSG to CCS TSG for Cutover (Same TANs Used) – Transfer NTP-023

Trunks from MF TSG to CCS7 ISUP (TSG Removed from Service) – Transfer NTP-026

Trunks from MF TSG to CCS7 ISUP (TSG Cannot Be Removed from Service) – Transfer NTP-027

Trunks from Pseudo TSG to CCS TSG (Same TANs Used) – Transfer NTP-020

FIND YOUR JOB IN THE LIST BELOW THEN GO TO

Trunks from TSG, Complete RC Worksheets To – Delete	NTP-007
Trunks – CCS Domestic One-Way Incoming – Add	NTP-004
Trunks – CCS Domestic One-Way Outgoing – Add	NTP-005
Trunks – CCS Domestic Two-Way – Add	NTP-003
Trunks – CCS International One-Way Incoming – Add	NTP-014
Trunks – CCS International One-Way Outgoing – Add	NTP-015
Trunks – CCS International Two-Way – Add	NTP-013
Trunks – CCS to Existing Domestic TSG – Add	NTP-006
Trunks – CCS to Existing International TSG – Add	NTP-016
TSG – CCS Domestic One-Way Incoming – Establish	NTP-004
TSG – CCS Domestic One-Way Outgoing – Establish	NTP-005
TSG – CCS Domestic Two-Way – Establish	NTP-003
TSG – CCS International One-Way Incoming – Establish	NTP-014
TSG – CCS International One-Way Outgoing – Establish	NTP-015
TSG – CCS International Two-Way – Establish	NTP-013
TSG CIN – Verify	DLP-506
TSG – MF and Associated Trunks After Cutover of CCS Trunks (New TANs Used) – Delete	NTP-024
TSG – MF Characteristics in TG to CCS (CCS Cutover/Conversion) – Change	NTP-019
TSG – Pseudo and Associated Trunks After Conversion of CCS Trunks (New TANs Used) – Delete	NTP-021
Voice Frequency Link (VFL) TSG – Domestic – Establish	NTP-010
Voice Frequency Link (VFL) TSG – International – Establish	NTP-017
Voice Frequency Link (VFL) Trunks to Existing Domestic VFL TSG – Add	NTP-011
Voice Frequency Link (VFL) Trunks to Existing International VFL TSG – Add	NTP-018
Worksheets To Delete Trunks and Discontinue Associated TSG – Complete	NTP-008

Acceptance tests do not apply to the procedures
contained in this volume

ACCEPTANCE

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DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3	402 403,404	At CMS Channel, Obtain Printouts of CMS 402, 403, and 404 Displays, if Needed	DLP-560
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		On Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET , and Complete Entries To Establish 2W TSG	-
		1. Assign RC Order Number (ORNU) for RC Worksheet Form 100	DLP-561
		2. Under Column Heading RCDM WORKSHEET , Enter <i>100</i>	-
		3. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ESTABLISHES 2W TSG</i> (CIN of 2W TSG)	-
6		Obtain Blank Copy of RC Worksheet Form 100, and Complete Entries on Copy of RC Worksheet Form 100 To Establish New 2W TSG	-
		1. Following RC:TSG;NEW;OPT(TWOWAY), Enter <i>ACT</i>	-
		2. Following ORNU, Enter Assigned ORNU	-
	404	3. Following TSG, Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
	404	4. Following TOT, Enter Type of Trunk Code (<i>ITAND, ITOLL, NSDSD, PBX, SECIT, TAND, TOLL, ITOPA, OCC, LLC, STC</i> or <i>ETC</i>)	DLP-563
		5. Following QTFN, Enter <i>24</i> (Example: Operator Trunks), <i>48</i> , or <i>96</i> (Example: International Trunks), as Required	-
		6. If Range of TFNs in Activated CON Exceeds 96, on 4ESS SWITCH RECENT CHANGE LOG SHEET , Complete 4ESS SWITCH RECENT CHANGE LOG SHEET Entries To Add Additional Traffic Number Block (TFNB) to Existing TSG (Input <i>VER:TFNB:TG</i> (CIN)! ET, if Needed)	-
		1. Assign RC ORNU for RC Worksheet Form 104	DLP-561
	2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS ADDITIONAL TFNB TO 2W TSG</i> (CIN of 2W TSG)	-	

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		3. Under Column Heading RCDM WORKSHEET , Enter <i>104</i>	—
		4. If Range of TFNs in Activated CON Exceeds 96, Obtain Blank Copy of RC Worksheet Form 104, and Complete Entries on RC Worksheet Form 104 To Add TFNB to Existing TSG	DLP-564
		5. If Range of TFNs in Activated CON Exceeds 96, <i>And</i> if There Are <i>Still</i> Circuits To Be Entered, Repeat From Step 6.6 for Next Group of Circuits up to a Quantity of 96	—
		7. Following DOM, Enter Domain Code (<i>POTS, VRFY, SDNA, DEV, DED, 20-83, I56D, I64C, NHOC, NHIC, N64C, N64R, IVT</i> or <i>APN</i>)	DLP-565
	404	8. Following SAT, Enter Whether Satellite Facilities Are Being Used (<i>Y</i> or <i>N</i>)	DLP-566
		9. Following PSES, Enter Whether Prohibit Service Evaluation Is Required	DLP-567
		10. Following OTMTT, Enter <i>N</i>	—
		11. Following OTMTN, Leave Blank	—
		12. Following XTMTT, Enter <i>N</i> , or Enter <i>T105</i> , if 105 Test Line Is Available	—
		13. Following XTMTN, Leave Blank	—
		14. Following OTSTT, Enter <i>N</i>	—
		15. Following OTSTN, Leave Blank	—
		16. Following XTSTT, Enter <i>N</i> , or Enter <i>T105</i> , if 105 Test Line Is Available	—
		17. Following XTSTN, Leave Blank, or Enter <i>000</i> to <i>9999999</i>	—
	404	18. Following REV, Enter Whether Reverse Hunt Is Required (<i>Y</i> or <i>N</i>)	DLP-568
		19. Following RFMP, Enter Whether Ring Forward Miscellaneous Point Is Required (<i>Y</i> or <i>N</i>)	DLP-504
		20. Following GEOSEP, Enter Geographical Separation Class Code (<i>0</i> or 1-31)	DLP-593
		21. Following RFA, Enter Whether Ring Forward Is Allowed (<i>Y</i> or <i>N</i>)	DLP-569
		22. Following ISC and OSC, Enter <i>DOMCCIS</i>	—
		23. Following NEOTR, Enter <i>N</i>	—
	404	24. Following GLARE, Enter Glare Control Blank, (<i>A, E, 0</i> or <i>N</i> [4E14 or Later])	DLP-570

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)	403	25. Following XCPA, Enter CCS Transceiver Pad Adjustment Code (0-3)	DLP-571
		26. Following ACD, Enter Automatic Call Distributor Code (Y, N, T or Blank)	-
		27. Following PCF, Enter Point Code Format (ATT, ANSI, ISPC or Blank)	-
		28. Following AOPC, Enter Alias Origination Point Code	-
		29. Following DPC, Enter Destination Point Code	-
		30. Following TSGBBC, Enter Trunk Subgroup Broadband Capability Code (0-6 or Blank)	-
		31. Following FEOFC, Enter Far-End Office Code (000-999 or Blank)	-
		32. Following FELATA, Enter Far-End Local Access and Transport Area Code (000-999 or Blank)	-
		33. Following IWZ1, Enter International World Zone 1 Code (Y, N or Blank)	-
		34. Following LSST, Enter LATA/State Screening State Code (Two Alphabetic Characters or Blank)	-
		35. Following MEM, Enter Trunk Hunt With Memory Code (Y, N or Blank)	-
		36. Following CBNPR, Enter Calling Party Number/Billing Number Default Presentation Restriction Code (Y, N or Blank)	-
		37. Following DNP, Enter Dialed Number Preferred Code (Y, N or Blank)	-
		38. Following PSOLI, Enter Prohibit Sending Originating Line Identity Code (Y, N or Blank)	-
		39. Following DPSTOP, Enter Dial Pulse Stop Code (Y, N or Blank)	-
	40. Following DELAY, Enter Delay Interval (20, 80, 220, 70, 140, 210, 280 or Blank)	-	
	41. Following MFSPEED, Enter Multifrequency Speed Code (7, 10 or Blank)	-	
	42. Following ADIG, Enter A Digit Reconstruction Code (0, 2-9 or Blank)	-	
	43. Following CID, Enter Carrier ID (0000-9999 or Blank)	-	
	44. Following CCIS2WRE, Enter Whether TSG Is CCS Two Wire (Y or N) (Call MAC at Far-End Office)	-	
	45. Following DNHR, Enter Dynamic Non-Hierarchical Routing (Y or N)	-	

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		46. From Local Telephone Directory or Equivalent Source, Obtain Far-End Numbering Plan and Enter on RC Worksheet Form 100 Following FENPA (200-999)	-
		47. From Far-End Equipment Engineering, Cutover Coordinator, Circuit Provision Bureau, or Equivalent Source, Obtain Information for Steps 6.47 Through 6.57 and Enter on RC Worksheet Form 100	-
		48. Following FENCLASS, Enter Far-End Classification (ACCESA, ACCESO, ACCESI, CMC, PBX, POTS or Leave Blank)	-
		49. Following FENID, Enter Far-End Network ID	-
		50. If FENCLASS Is ACCESA, Following TFG, Enter Terminating Feature Group (B, C or D)	-
		51. Following FESC6, Enter Whether Far End Provides 6-Digit Screening (Y or N)	-
		52. If TOT Is PBX, Complete Steps 6.52 Through 6.54 on RC Worksheet Form 100; Otherwise, Leave Blank	-
		53. If DOM Is SDNA, Following PBXESGD, Enter Y; Otherwise, Leave Blank	-
		54. Following PBXAW, Enter Whether Answer Supervision Is To Be Withheld (Y or N)	-
		55. Following FAR4E, Enter Whether 4ESS Switch With 4E9 Generic or Later Is at Far End (Y or N)	-
		56. Following BN, Enter Billing Number	-
		57. Following BRL, Enter Billing Record Length	-
		58. Following EAS, Enter Whether Equal Access Signaling Will Be Received (A, E or N)	-
		59. From Routing Group Supervisor or Equivalent Source, Obtain Information for Steps 6.59 Through 6.61 and Enter on RC Worksheet Form 100	-
	60. Following MTSC, Enter Multiple Treatment Screening Class (0-63) (If Direct Signaling, Enter 0)	-	
	61. Following GNSC, Enter Go No/Go Screening Class (0-63) (If Direct Signaling, Enter 0)	-	
	62. From MAC Supervisor or Equivalent Source, Obtain Incoming Traffic Separation Class Code and on RC Worksheet Form 100, Following INSEP, Enter (0-255)	-	

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		63. From Trunk Operation Center (TOC) or Equivalent Source, Obtain Information for Steps 6.63 Through 6.65 and Enter on RC Worksheet Form 100	-
		64. Following CAREA, Enter Control Area (0-9)	-
		65. Following CPOS, Enter Control Position (0-9)	-
		66. Following PCF, Enter Point Code Format with 4E14 and Later Generics (<i>ATT, ANSI, ISPC</i> or Blank)	-
		67. Following AOPC, Enter Alias Origination Point Code	-
		68. Following DPC, Enter Destination Point Code	-
		69. Following TSGBBC, Enter Trunk Subgroup Broadband Capability (<i>0 to 6</i> or Blank)	-
		70. Following FEOFC, Enter Far-End Office Code (<i>000-999</i> or Blank)	-
		71. Following FELATA, Enter Far-End Local Access and Transport Area Code (<i>000-999</i> or Blank)	-
		72. Following IWZ1, Enter International World Zone 1 Code (<i>Y, N</i> or Blank)	-
		73. Following LSST, Enter LATA/State Screening State Code (Two Alphabetic Characters or Blank)	-
		74. Following MEM, Enter Trunk Hunt With Memory Code (<i>Y, N</i> or Blank)	-
		75. Following CBNPR, Enter Calling Party Number/Billing Number Default Presentation Restriction Code (<i>Y, N</i> or Blank)	-
		76. Following DNP, Enter Dialed Number Preferred Code (<i>Y, N</i> or Blank)	-
		77. Following ITC, Enter Incoming Trunk Subgroup Class (<i>0-3</i> or Blank)	-
		78. Following NPARINH, Enter Inhibit NPA Reconstruction Code (<i>Y, N</i> or Blank)	-
		79. Following WATSBN, Enter WATS Billing Number (Ten Digit Number or Blank)	-
		80. Following PSBN, Enter Prohibit Sending Billing Number Code (<i>Y, N</i> or Blank)	-
	81. Following PSCPN, Enter Prohibit Sending Calling Party Number Code (<i>Y, N</i> or Blank)	-	
	82. Following ANISID, Enter ANI/SID Request Code (<i>NONE, ANI, PANI, REQ, SID</i> or Blank)	-	
	83. Following WANISID, Enter WATS Service ANI/SID Request Code (<i>NONE, ANI, PANI, PSID, REQ, SID</i> or Blank)	-	

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		84. Following PSUUI, Enter Prohibit Sending User to User Information with 4E14 and Later Generics (Y, N or Blank)	—
		85. Following SCFN, Enter Send Confusion Message	—
		86. Following OVL P, Enter Send Overlap Signaling	—
		87. Following APS, Enter ACCUNET Packet Service (Y, N or Blank)	—
		88. Following CHNEG, Enter Channel Negotiation (Y, N or Blank)	—
		89. Following PSATP, Enter Prohibit Sending Access Transport Parameter with 4E15 and Later Generics (Y, N or Blank)	—
		90. Following DOFP, Enter Disable Outgoing Fraud Prevention Code (Y or N)	—
		91. Following DATA, Enter Data Service (Y, N or Blank)	—
		92. Following BFTIS, Enter Backward Failure Treatment all ISUP with 4E15 and Later Generics (ANN, REL or Blank)	—
		93. Following BFINI, Enter Backward Failure Treatment not all ISUP with 4E15 and Later Generics (ANN, REL or Blank)	—
		94. Following PBXNWW, Enter PBX No Wait For Wink Code (Y, N or Blank)	—
		95. Following INCID, Enter Number of Carrier ID Digits to be Received	—
		96. Following ONCID, Enter Number of Carrier ID Digits to Send	—
		97. Following MULAW, Enter A-law/Mu-law Encoding	—
		98. Following SINDE X, Enter Access Charge Verification Sampling Rate Index Code (0-2, 4, 8, 16, 32, 64 or Blank)	—
		99. Following S1, Enter Spare Code (0-7 or Blank)	—
		100. Following S2 through S10, Enter Spare Code (Y, N or Blank)	—
		101. Following CODSC, Enter CPE Outgoing Disconnect Code (Y, N or Blank)	—
	102. Following IT, Enter Intertoll Treatment Code (Y, N or Blank)	—	

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		103. If Performing Circuit Orders in an AT&T Switching Network, Complete the Following Entries on RC Worksheet Form 100:	
		1. Following VDCAP, Refer to PTG-4 for Valid Entries	
		2. Following DATAF, Refer to PTG-4 for Valid Entries	-
		3. Following FEAREA, Refer to PTG-4 for Valid Entries	-
		4. Following FESWID, Refer to PTG-4 for Valid Entries	-
		5. Following EXSEQ, Refer to PTG-4 for Valid Entries	-
		6. Following FEPTY, Refer to PTG-4 for Valid Entries	-
		7. Following GSDN, Refer to PTG-4 for Valid Entries	-
		8. Following GSDNPHSE, Refer to PTG-4 for Valid Entries	-
		9. Following BNPT, Refer to PTG-4 for Valid Entries	-
		10. Following WBNPT, Refer to PTG-4 for Valid Entries	-
		11. Following CMERGE, Refer to PTG-4 for Valid Entries	-
		12. Following PRIT, Refer to PTG-4 for Valid Entries	-
		13. Following MEGC, Refer to PTG-4 for Valid Entries	-
		14. Following SDNA, Refer to PTG-4 for Valid Entries	-
		15. Following OWAT, Refer to PTG-4 for Valid Entries	-
		16. Following CBC, Refer to PTG-4 for Valid Entries	-
		17. Following DDD, Refer to PTG-4 for Valid Entries	-
		18. Following IDDD, Refer to PTG-4 for Valid Entries	-
		19. Following FOSPS, Refer to PTG-4 for Valid Entries	-
		20. Following CCIF, Refer to PTG-4 for Valid Entries	-
		21. Following HYBRD, Refer to PTG-4 for Valid Entries	-
		22. Following ITELCO, Refer to PTG-4 for Valid Entries	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		23. Following S5DIG, Refer to PTG-4 for Valid Entries	-
		24. Following D3DBN, Refer to PTG-4 for Valid Entries	-
		25. Following ANCR, Refer to PTG-4 for Valid Entries	-
		26. Following CSCSET, Refer to PTG-4 for Valid Entries	-
		27. Following ACCID, Refer to PTG-4 for Valid Entries	-
		28. Following ACCDTA, Refer to PTG-4 for Valid Entries	-
		29. Following PSTNG, Refer to PTG-4 for Valid Entries	-
		30. Following FLDSPR, Refer to PTG-4 for Valid Entries	-
		31. Following SDNPLAN, Refer to PTG-4 for Valid Entries	-
		32. Following SKSP, Refer to PTG-4 for Valid Entries	-
		33. Following TRIDX, Refer to PTG-4 for Valid Entries	-
	104. Following REMARKS, Enter <i>CON</i> Followed by Applicable CON Number	-	
7		Assign RC ORNU for RC Worksheet Form 203	DLP-561
8		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS 2W TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	-
9		Under Column Heading RCDM WORKSHEET , Enter <i>203</i>	-
10		Obtain Blank coup of RC Worksheet Form 203 and Complete copy of RC Worksheet Form 203 To Add CCS Trunks to TSG	DLP-573
11		At RCDT, Enter Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 100 Into Activate State (OP:RCFORM 100!)	DLP-574
12		Verify Current Translations Data for Establishing 2W TSG (VER:TSG:CIN a! Where a = TSG CIN)	DLP-575
13		If RC Worksheet Form 104 Was Completed To Add Additional TFNB to TSG, at RCDT, Do Steps 15 and 16	-
14		Enter Trunk Type RCDM From RC Worksheet Form 104 Into Activate State (OP:RCFORM 104!)	DLP-574
15		Verify Current Translations Data To Add TFNB to TSG (VER:TFNB:TG a! Where a = TG CIN)	DLP-513

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
16		If There Are Additional RC Worksheet Forms 104 To Be Entered, Repeat From Step 15	-
17		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
18		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 203 Into Activate State (OP:RCFORM 203!)	DLP-574
19		Using RC Worksheet Form 203, Verify Current Translations Data To Add CCS Trunks (VER:TRK:TAN a-b!)	DLP-578
20		Select Next RC Worksheet Form 203 and Repeat From Step 19 Until All RCDMs Have Been Entered and Verified	-
21		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
22		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
23	350	Update MAC Circuit Order Status in CMS to Completed (<i>CPD</i>) for CONs Assigned	DLP-579
24		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
25		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
26		Dispose of or File RC Worksheets per Local Procedure	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3	402, 403,404	At CMS Channel, Obtain Printouts of CMS 402, 403 and 404 Displays	DLP-560
4		If Not Already in Existence, Establish 4ESS SWITCH RECENT CHANGE LOG BOOK	DLP-598
5		Complete Entries On 4ESS SWITCH RECENT CHANGE LOG SHEET To Establish 1WI TSG As Follows:	-
		1. Assign RC Order Number (ORNU) for RC Worksheet Form 101	DLP-561
		2. Under Column Heading RCDM WORKSHEET , Enter <i>101</i>	-
		3. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ESTABLISHES 1WI TSG (CIN of TSG)</i>	-
6		Obtain Blank Copy of RC Worksheet Form 101 and Complete Entries on Form 101 To Establish 1WI TSG As Follows:	-
		1. Following RC:TSG;NEW;OPT(IN1WAY), Enter <i>ACT</i>	-
		2. Following ORNU, Enter Assigned ORNU	-
	404	3. Following TSG, Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON	DLP-562
	404	4. Following TOT, Enter Type of Trunk Code (<i>CAMAA, CAMAO, ITAND, ITOLL, MISC, PBX, SECIT, TAND, TOLL, TSPS, ITOP, ITOPB, ITS, STC, ETC, LCC or OCC</i>)	DLP-563
		5. Following QTFN, Enter <i>96</i>	-
		6. If Range of TFNs in Activated CON Exceeds 96, Perform the Following to Add Additional Traffic Number Block (TFNB) to Existing TSG:	-
		1. Complete Entries on 4ESS SWITCH RECENT CHANGE LOG SHEET to Add Additional TFNB to TSG as Follows:	-
		1. Assign RC ORNU for RC Worksheet Form 104	DLP-561
		2. Under Column Heading RCDM WORKSHEET , Enter <i>104</i>	-
	3. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS ADDITIONAL TFNB TO 1WI TSG (CIN of TSG)</i>	-	

ESTABLISH CCS DOMESTIC ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		2. Obtain Blank Copy of RC Worksheet Form 104 and Complete Entries on Form 104 to Add Additional TFNB to TSG	DLP-564
		3. If There Are Still Circuits To Be Entered, Repeat From Step 6.6 for Next Group of Circuits Up to a Quantity of 96	-
	404	7. Following SAT, Enter Whether Satellite Facilities Are Being Used (Y or N)	DLP-566
		8. Following DOM, Enter Domain Code (POTS, SDNA, DEV, DED, VRFY, 20-83, I56D, I64C, NHOC, NHIC, N64C, N64R, IVT, APN)	DLP-565
	404	9. Following PSES, Enter Prohibit Service Evaluation Code (Y, N or Blank)	DLP-567
		10. Following GEOSEP, Enter Geographical Traffic Separation Class Code (0-31)	DLP-593
	404	11. Following RFA, Enter Ring Forward Allowed Code (Y or N)	DLP-569
		12. Following ISC, Enter DOMCCIS	-
		13. Following GNSC, Leave Blank	-
		14. Following ADIG, Leave Blank	-
		15. From Local Telephone Directory or Equivalent Source, Obtain Far-End Numbering Plan and Enter on RC Worksheet Form 101 Following FENPA (200-999)	-
		Note: From Far-End Equipment Engineering, Cutover Coordinator, Circuit Provision Bureau, or Equivalent Source, Obtain Information for Steps 6.17 Through 6.26 and Enter on RC Worksheet Form 101	-
		16. Following FENCLASS, Enter Far-End Classification (ACCESA, ACCESO, PBX, POTS, CAMA, CMC, OWATS or Blank)	-
		17. Following FENID, Enter Far-End Network ID Code (Up to 6 Alphanumeric Characters or Blank)	-
		18. If FENCLASS Is ACCESA, Following TFG, Enter Terminating Feature Group (B, C or D)	-
		19. Following FESC6, Enter Whether Far-End Provides 6-Digit Screening (Y or N)	-
		20. If TOT Is PBX, Perform the Following on RC Worksheet Form 101; Otherwise, Leave Blank	-
		1. If DOM Is SDNA, Following PBXESGD, Enter Y; Otherwise, Leave Blank	-

ESTABLISH CCS DOMESTIC ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		2. Following PBXAW, Enter Whether Answer Supervision Is To Be Withheld (Y or N)	-
		21. Following BN, Enter Billing Number	-
		22. Following BRL, Enter Billing Record Length	-
		23. Following EAS, Enter Whether Equal Access Signaling Will Be Received (A, E or N)	-
		24. Following CMTYP, Enter CAMA Type	-
		25. Following FAR4E, Enter Whether 4ESS Switch With 4E9 Generic or Later Is at Far End (Y or N)	-
		26. From Routing Group Supervisor or Equivalent Source, Obtain Information and Enter on RC Worksheet Form 101	-
		1. Following MTSC, Enter Multiple Treatment Screening Class (0-63)	-
		2. From MAC Supervisor or Equivalent Source, Obtain Incoming Traffic Separation Class Code, and on RC Worksheet Form 101, Following INSEP, Enter (0-255)	-
		27. From Trunk Operations Center (TOC) or Equivalent Source, Obtain Information and Enter on RC Worksheet Form 101	-
		1. Following CAREA, Enter Control Area (0-9)	-
		2. Following CPOS, Enter Control Position (0-9)	-
		3. Following CCIS2WRE, Enter Whether TSG Is CCS Two-Wire (Y or N)	-
		28. Following PCF, Leave This Field Blank	-
		29. Following AOPC, Leave This Field Blank	-
		30. Following DPC, Leave This Field Blank	-
		31. Following TSGBBC, Enter Trunk Subgroup Broadband Capability (0-6 or Blank)	-
		32. Following FEOFC, Enter Far-End Office Code (000-999 or Blank)	-
	33. Following FELATA, Enter Far-End Local Access And Transport Area Code (000-999 or Blank)	-	
	34. Following IWZ1, Enter International World Zone 1 Code (Y, N or Blank)	-	

ESTABLISH CCS DOMESTIC ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

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DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		35. Following LSST, Enter LATA/State Screening State Code (Two Alphabetic Characters or Blank)	—
		36. Following MEM, Enter Trunk Hunt With Memory Code (Y, N or Blank)	—
		37. Following CBNPR, Enter Calling Party Number/Billing Number Default Presentation Restriction Code (Y, N or Blank)	—
		38. Following ITC, Enter Incoming Trunk Subgroup Class (0-3 or Blank)	—
		39. Following NPARINH, Enter Inhibit NPA Reconstruction Code (Y, N or Blank)	—
		40. Following WATSBN, Enter WATS Billing Number (10-Digit Number or Blank)	—
		41. Following PSUUI, Enter Prohibit Sending User-to-User Information (Y, N or Blank)	—
		42. Following SCFN, Enter Send Confusion Message	—
		43. Following OVLP, Enter Send Overlap Signaling	—
		44. Following APS, Enter ACCUNET Packet Service (Y, N or Blank)	—
		45. Following PSATP, Enter Prohibit Service Evaluation (Y, N or Blank)	—
		46. Following DATA, Enter Data Service (Y, N or Blank)	—
		47. Following BFTIS, Enter Backward Failure Treatment all ISUP (ANN, REL or Blank)	—
		48. Following BFTNI, Enter Backward Failure Treatment not all ISUP (ANN, REL or Blank)	—
		49. Following PBXNWW, Enter PBX No Wait For Wink Code (Y, N or Blank)	—
		50. Following INCID, Enter Number of Carrier ID Digits to be Received	—
		51. Following SINDEXT, Enter Access Charge Verification Sampling Rate Index Code (0-2, 4, 8, 16, 32, 64 or Blank)	—
		52. Following IT, Enter Intertoll Treatment Code (Y, N or Blank)	—
		53. Following S1, Enter Spare Code (0-7 or Blank)	—
		54. Following S2 through S10, Enter Spare Code (Y, N or Blank)	—
	55. If Performing Circuit Orders in an AT&T Switching Network, Complete the Following Entries On RC Worksheet Form 101:	—	
	1. Following GSDN, Refer to PTG-4 for Valid Entries	—	

ESTABLISH CCS DOMESTIC ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		2. Following GSDNPHE, Refer to PTG-4 for Valid Entries	-
		3. Following BNPT, Refer to PTG-4 for Valid Entries	-
		4. Following WRNPT, Refer to PTG-4 for Valid Entries	-
		5. Following CMERGE, Refer to PTG-4 for Valid Entries	-
		6. Following PRIT, Refer to PTG-4 for Valid Entries	-
		7. Following MEGC, Refer to PTG-4 for Valid Entries	-
		8. Following SDNA, Refer to PTG-4 for Valid Entries	-
		9. Following OWAT, Refer to PTG-4 for Valid Entries	-
		10. Following CBC, Refer to PTG-4 for Valid Entries	-
		11. Following DDD, Refer to PTG-4 for Valid Entries	-
		12. Following IDDD, Refer to PTG-4 for Valid Entries	-
		13. Following FOSPS, Refer to PTG-4 for Valid Entries	-
		14. Following SDNPLAN, Refer to PTG-4 for Valid Entries	-
		15. Following SKSP, Refer to PTG-4 for Valid Entries	-
		16. Following HYBRD, Refer to PTG-4 for Valid Entries	-
		17. Following ITELCO, Refer to PTG-4 for Valid Entries	-
		18. Following S5DIG, Refer to PTG-4 for Valid Entries	-
		19. Following ANCR, Refer to PTG-4 for Valid Entries	-
		20. Following ACCID, Refer to PTG-4 for Valid Entries	-
		21. Following ACCDTA, Refer to PTG-4 for Valid Entries	-
		22. Following PSTNG, Refer to PTG-4 for Valid Entries	-
		23. Following FLDSPR, Refer to PTG-4 for Valid Entries	-
		56. Following REMARKS, Enter <i>CON</i> Followed by Applicable CON Number	-

ESTABLISH CCS DOMESTIC ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		57. On 4ESS SWITCH RECENT CHANGE LOG SHEET , Complete Following Entries	—
		1. Assign RC ORNU for RC Worksheet Form 203	DLP-561
		2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS 1WI TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	—
		3. Under Column Heading RCDM WORKSHEET , Enter <i>203</i>	—
		4. Obtain Blank Copy of RC Worksheet Form 203, and Complete Copy of RC Worksheet Form 203 To Add CCS Trunks to TSG	DLP-573
		58. At RCDT, Enter Type Recent Change Data Message (RCDM) From RC Worksheet Form 101 Into Activate State (OP:RCFORM 101!)	DLP-574
7		Verify Current Translations Data for Establishing 1WI TSG (VER:TSG:CIN a! Where a = TSG CIN)	DLP-576
8		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE — ACT and VERIFY — MAC Columns for RCDM Entered and Verified	—
9		If RC Worksheet Form 104 Was Completed To Add Additional TFBN to TSG at RCDT, Do Steps 10 and 11	—
10		Enter Trunk Type RCDM From RC Worksheet Form 104 Into Activate State (OP:RCFORM 104!)	DLP-574
11		Verify Current Translations Data To Add TFNB to TSG (VER:TFNB:TG a! Where a = TG CIN)	DLP-513
12		If There Are Additional RC Worksheet Forms 104 To Be Entered, Repeat From Step 10	—
13		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE — ACT and VERIFY — MAC Columns for RCDMs Entered and Verified	—
14		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 203 Into Activate State (OP:RCFORM 203!)	DLP-574
15		Using RC Worksheet Form 203, Verify Current Translations Data To Add CCS Trunks (VER:TRK:TAN a-b!)	DLP-578
16		Select Next RC Worksheet Form 203 and Repeat From Step 14 Until All RCDMs Have Been Entered and Verified	—
17		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE — ACT and VERIFY — MAC Columns for RCDMs Entered and Verified	—

ESTABLISH CCS DOMESTIC ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
18		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
19		Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
20		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
21		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
22		Dispose of or File RC Worksheets per Local Procedure	-

ESTABLISH CCS DOMESTIC ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3	402, 403, 404	At CMS Channel, Obtain Printouts of CMS 402, 403 and 404 Displays	DLP-560
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		On Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET Complete Entries To Establish 1W0 TSG as Follows:	-
		1. Assign RC Order Number (ORNU) for RC Worksheet Form 102	DLP-561
		2. Under Column Heading RCDM WORKSHEET , Enter <i>102</i>	-
		3. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ESTABLISHES 1W0 TSG</i> (CIN of TSG)	-
6		Obtain Blank Copy of RC Worksheet Form 102, and Using Steps 6.1 Through 6.5, Complete Those Entries on Copy of RC Worksheet Form 102 To Establish New 1W0 TSG	-
		1. Following RC:TSG;NEW;OPT(OUT1WAY) , Enter <i>ACT</i>	-
		2. Following ORNU , Enter Assigned ORNU (1 to 999999)	-
	404	3. Following TSG , Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
	404	4. Following TOT , Enter Type of Trunk Code (<i>ITAND, ITOLL, MISC, PBX, SECIT, TAND, TOLL, ETC, LCC, STC, ITOP</i> or <i>OCC</i>)	DLP-563
		5. Following QTFN , Enter <i>96</i>	-
		6. If Range of TFNs in Activated CON Exceeds 96, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 6.6.1 Through 6.6.3, Complete RC Log Sheet Entries To Add Additional Traffic Number Block (TFNB) to Existing TSG	-
		1. Assign RC ORNU for RC Worksheet Form 104	DLP-561

ESTABLISH CCS DOMESTIC ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

6 (Contd)		2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS ADDITIONAL TFNB TO 1W0 TSG</i> (CIN of 1W0 TSG)	-
		3. Under Column Heading RCDM WORKSHEET , Enter <i>104</i>	-
		4. Obtain Blank Copy of RC Worksheet Form 104 and Complete Entries on Form 104 to Add Additional TFNB to TSG	DLP-564
		5. If There Are Still Circuits To Be Entered, Repeat From Step 6.6 for Next Group of Circuits Up to a Quantity of 96	-
	404	7. Following SAT , Enter Whether Satellite Facilities Are Being Used (<i>Y</i> or <i>N</i>)	DLP-566
	404	8. Following DOM , Enter Domain Code (<i>POTS, VRFY, 20-83, SDNA, DED, DEV, I56D, I64C, N64C, N64R, IVT</i> or <i>APN</i>)	DLP-565
	404	9. Following PSES , Enter Prohibit Service Evaluation Code (<i>Y, N</i> or Blank)	DLP-567
		10. Following RFMP , Enter Ring Forward Miscellaneous Distributor Point Code (<i>Y, N</i> or Blank)	DLP-504
		11. Following OTMTT , Enter <i>N</i>	-
		12. Following OTMTN , Leave Blank	-
		13. Following XTMTT , Enter <i>N</i>	-
		14. Following XTMTN , Leave Blank	-
		15. Following OTSTT , Enter <i>N</i>	-
		16. Following OTSTN , Leave Blank	-
		17. Following XTSTT , Enter <i>N</i>	-
		18. Following XTSTN , Leave Blank	-
		19. Following OSC , Enter <i>DOMCCIS</i>	-
	403	20. Following XCPA , Enter CCS Transceiver Pad Adjustment Code (0-3)	DLP-571
		21. Following NEOTR , Enter <i>N</i>	-
		22. Following DPSTOP , Enter Dial Pulse Stop Code (<i>Y, N</i> or Blank)	-
		23. Following DELAY , Enter Delay Interval (<i>20, 80, 220, or 70, 140, 210, or 280</i> or Blank)	-

ESTABLISH CCS DOMESTIC ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

6 (Contd)	24. Following MFSPEED, Enter Multifrequency Speed Code (7, 10 or Blank)	-
	25. Following PCF, Enter Point Code Format (ATT, ANSI, ISPC or Blank)	-
	26. Following DPC, Enter Destination Point Code	-
	27. From Local Telephone Directory or Equivalent Source, Obtain Far-End Numbering Plan and Enter on RC Worksheet Form 102 Following FENPA (200-999)	-
	28. From Far-End Equipment Engineering, Cutover Coordinator, Circuit Provision Bureau, or Equivalent Source, Obtain Information for Steps 6.29 Through 6.32 and Enter on RC Worksheet Form 102	-
	29. Following FENCLASS, Enter Far-End Classification (ACCESA, ACCESO, ACCESI, CMC, OWATS, PBX, POTS or Leave Blank)	-
	30. Following FENID, Enter Far-End Network ID	-
	31. Following BN, Enter Billing Number	-
	32. Following BRL, Enter Billing Record Length	-
	33. From Trunk Operation Center (TOC) or Equivalent Source, Obtain Information for Steps 6.34 Through 6.37 and Enter on RC Worksheet Form 102	-
	34. Following CAREA, Enter Control Area (0-9)	-
	35. Following CPOS, Enter Control Position (0-9)	-
	36. Following CCIS2WRE, Enter Whether TSG Is CCS Two Wire (Y or N)	-
	37. On RC Worksheet Form 102 Following REMARKS, Enter CON Followed by Applicable CON Number	-
	38. Following TFG, Enter Type of Feature Group (B, C, D or Blank)	-
	39. Following ACD, Enter Automatic Call Distributor Code (Y, N, T or Blank)	-
40. Following TSGBBC, Enter Trunk Subgroup Broadband Capability (0 to 6 or Blank)	-	
41. Following FEFC, Enter Far-End Office Code (000-999 or Blank)	-	
42. Following FELATA, Enter Far-End Local Access and Transport Area Code (000-999 or Blank)	-	
43. Following IWZ1, Enter International World Zone 1 Code (Y, N or Blank)	-	

ESTABLISH CCS DOMESTIC ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

6 (Contd)	44. Following CID, Enter Carrier ID (0000-9999 or Blank)	-
	45. Following CCIS2WRE, Enter Common Channel Interoffice Signaling 2 Wire (Y, N or Blank)	-
	46. Following XCPA, Transceiver (XC) Pad Adjustment (0 to 3 or Blank)	-
	47. Following MEM, Enter Trunk Hunt With Memory Code (Y, N or Blank)	-
	48. Following DNP, Enter Dialed Number Preferred Code (Y, N or Blank)	-
	49. Following PSOLI, Enter Prohibit Sending Originating Line Identity (Y, N or Blank)	-
	50. Following PSBN, Enter Prohibit Sending Billing Number (Y, N or Blank)	-
	51. Following PSCPN, Enter Prohibit Sending Calling Party Number (Y, N or Blank)	-
	52. Following ANISID, Enter ANI/SID Request Code (NONE, ANI, PANI, PSID, REQ, SID or Blank)	-
	53. Following WANISID, Enter WATS Service ANI/SID Request Code (NONE, ANI, PANI, PSID, REQ, SID or Blank)	-
	54. Following PSUUI, Enter Prohibit Sending User-to-User Information (Y, N or Blank)	-
	55. Following SCFN, Enter Send Confusion Message	-
	56. Following APS, Enter ACCUNET Packet Service (Y, N or Blank)	-
	57. Following CHNEG, Enter Channel Negotiation (Y, N or Blank)	-
	58. Following PSATP, Enter Prohibit Sending Access Transport Parameters (Y, N or Blank)	-
	59. Following DOFP, Enter Disable Outgoing Fraud Prevention Code (Y or N)	-
	60. Following ONCID, Enter Number of Carrier ID Digits to Send	-
	61. Following MULAW, Enter A-Law/Mu-law Encoding	-
	62. Following SINDEK, Enter Access Charge Verification Sampling Rate Index Code (0-2, 4, 8, 16, 32, 64 or Blank)	-
	63. Following CODSC, Enter CPE Outgoing Disconnect Code (Y, N or Blank)	-
64. Following S1, Enter Spare Code (0-7 or Blank)	-	
65. Following S2 Through S10, Enter Spare Code (Y, N or Blank)	-	
66. If Performing Circuit Orders in An AT&T Switching Network, Complete The Following Entries on RC Worksheet Form 102:	-	

ESTABLISH CCS DOMESTIC ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

6 (Contd)		1. Following VDCAP, Refer to PTG-4 for Valid Entries	-
		2. Following FEAREA, Refer to PTG-4 for Valid Entries	-
		3. Following FESWID, Refer to PTG-4 for Valid Entries	-
		4. Following EXSEQ, Refer to PTG-4 for Valid Entries	-
		5. Following FEPTY, Refer to PTG-4 for Valid Entries	-
		6. Following GSDN, Refer to PTG-4 for Valid Entries	-
		7. Following BNPT, Refer to PTG-4 for Valid Entries	-
		8. Following CMERGE, Refer to PTG-4 for Valid Entries	-
		9. Following PRIT, Refer to PTG-4 for Valid Entries	-
		10. Following SBRIV, Refer to PTG-4 for Valid Entries	-
		11. Following FOSPS, Refer to PTG-4 for Valid Entries	-
		12. Following CCIF, Refer to PTG-4 for Valid Entries	-
		13. Following D3DBN, Refer to PTG-4 for Valid Entries	-
		14. Following CSCSET, Refer to PTG-4 for Valid Entries	-
		15. Following ANCR, Refer to PTG-4 for Valid Entries	-
		16. Following ACCID, Refer to PTG-4 for Valid Entries	-
		17. Following ACCDTA, Refer to PTG-4 for Valid Entries	-
		18. Following PSTNG, Refer to PTG-4 for Valid Entries	-
		19. Following FLDSPR, Refer to PTG-4 for Valid Entries	-
		20. Following TRIDX, Refer to PTG-4 for Valid Entries	-
7		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 7.1 Through 7.3, Complete Those Entries	-
		1. Assign RC ORNU for RC Worksheet Form 203	DLP-561

ESTABLISH CCS DOMESTIC ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

7 (Contd)		2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS 1W0 TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	-
		3. Under Column Heading RCDM WORKSHEET , Enter <i>203</i>	-
8		Obtain Blank Copy of RC Worksheet Form 203, and Complete Copy of RC Worksheet Form 203 To Add CCS Trunks to TSG	DLP-573
9		At RCDT, Enter Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 102 Into Activate State (OP:RCFORM 102!)	DLP-574
10		Verify Current Translations Data for Establishing 1W0 TSG (VER:TSG:CIN a! Where a = TSG CIN)	DLP-577
11		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDM Entered and Verified	-
12		If RC Worksheet Form 104 Was Completed To Add Additional TFNB to TSG, at RCDT, Do Steps 13 Through 15	-
13		Enter Trunk Type RCDM From RC Worksheet Form 104 Into Activate State (OP:RCFORM 104!)	DLP-574
14		Verify Current Translations Data To Add TFNB to TSG (VER:TFNB:TG a! Where a = TG CIN)	DLP-513
15		If There Are Additional RC Worksheet Forms 104 To Be Entered, Repeat From Step 14	-
16		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
17		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 203 Into Activate State (OP:RCFORM 203!)	DLP-574
18		Using RC Worksheet Form 203, Verify Current Translations Data To Add CCS Trunks (VER:TRK:TAN a-b!)	DLP-578
19		Select Next RC Worksheet Form 203 and Repeat From Step 17 Until All RCDMs Have Been Entered and Verified	-
20		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
21		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	
22	350	Update MAC Circuit Order Status in CMS to Completed (<i>CPD</i>) for CONs Assigned	DLP-579
23		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580

ESTABLISH CCS DOMESTIC ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

24		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
25		Dispose of or File RC Worksheets per Local Procedure	-

ESTABLISH CCS DOMESTIC ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3		If Not Already Verified, Verify Trunk Subgroup (TSG) Circuit Identification Name (CIN) for Activated CON (VER:TSG:CIN a! Where a = TSG CIN)	DLP-506
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		If There Is TFN Ending With 01 in Identified Range of TFNs, on Copy of Recent Change (RC) Log Sheet, and Using Steps 6 Through 8, Complete Those Entries To Add Additional Traffic Number Block (TFNB) to Existing TSG	-
6		Assign RC Order Number (ORNU) for RC Worksheet Form 104	DLP-561
7		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ADDS ADDITIONAL TFNB TO (1WI, 1WO, or 2W) TSG (CIN of TSG)	-
8		Under Column Heading RCDM WORK SHEET , Enter 104	-
9		If There Is TFN Ending With 01 in Identified Range of TFNs, Obtain Blank Copy of RC Worksheet Form 104, and Complete Entries on Copy of RC Worksheet Form 104 To Add Additional TFNB to Existing TSG	DLP-564
10		If There Are Still Circuits To Be Entered, Repeat From Step 5 for Next Group of Circuits up to a Quantity of 96	-
11		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 12 Through 14, Complete Those Entries	-
12		Assign RC ORNU for RC Worksheet Form 203	DLP-561
13		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ADDS (1WI, 1WO, or 2W) TRUNKS TO CCIS TSG (CIN of CCS TSG)	-
14		Under Column Heading RCDM WORKSHEET , Enter 203	-
15		Obtain Blank Copy of RC Worksheet Form 203, and Complete Copy of RC Worksheet Form 203 To Add CCS Trunks to TSG	DLP-573

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

16		If RC Worksheet Form 104 Was Completed To Add Additional TFNB to Existing TSG, Do Steps 17 and 18	-
17		At RCDT, Enter Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 104 Into Activate State (OP:RCFORM 104!)	DLP-574
18		Verify Current Translations Data To Add TFNB to Existing Domestic TSG (VER:TFNB:TG a! Where a = TG CIN)	DLP-513
19		If There Are Additional RC Worksheet Forms 104 To Be Entered, Repeat From Step 17	-
20		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
21		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 203 Into Activate State (OP:RCFORM 203!)	DLP-574
22		Using RC Worksheet Form 203, Verify Current Translations Data To Add CCS Trunks (VER:TRK:TAN a-b!)	DLP-578
23		Select Next RC Worksheet Form 203 and Repeat From Step 21 Until All RCDMs Have Been Entered and Verified	-
24		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns For RCDMs Entered and Verified	-
25		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
26	350	Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
27		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
28		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
29		Dispose of or File RC Worksheets per Local Procedure	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3		If Not Already Verified, Verify Trunk Subgroup (TSG) Circuit Identification Name (CIN) for Activated CON (VER:TSG:CIN a! Where a = TSG CIN)	DLP-506
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		On Copy of Recent Change (RC) Log Sheet Complete Entries To Delete Trunks From TSG	—
		1. Assign RC Order Number (ORNU) for RC Worksheet Form 202	DLP-561
		2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (1WI, 1WO, or 2W) TRUNKS FROM</i> (CIN of TSG) <i>TSG</i>	—
6		3. Under Column Heading RCDM WORK SHEET , Enter <i>202</i>	—
		Obtain Blank Copy of Worksheet Form 202, and Complete Entries on Copy of RC Worksheet Form 202	—
		1. Following RC:TRK;OUT; , Enter <i>ACT</i>	—
		2. Following ORNU , Enter Assigned ORNU	—
		3. Following TSG , Enter TSG Circuit Identification Name (CIN) From Display of TSG Characteristics for Activated CON	—
		4. Determine Quantity of Trunks (QTRK) To Be Deleted (Not to Exceed 120) and First Traffic Number (FTFN) in Group of Trunks	—
		5. Under QTRK , Enter Quantity of Trunks To Be Deleted (Not to Exceed 120)	—
		6. Under FTFN , Enter First TFN in Group of Trunks To Be Deleted	—
7. Following REMARKS , Enter <i>CON</i> Followed by Applicable CON Number	—		
8. If There Are Still Trunks To Be Deleted, Repeat From Step 5	—		

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

7		If There Is TFN Ending With 01 in Identified Range of TFNs, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Complete Entries To Delete Traffic Number Block (TFNB) From TSG	-
		1. Assign RC ORNU for RC Worksheet Form 105	DLP-561
		2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES TFNB FROM</i> (CIN of TSG) <i>TSG</i>	-
		3. Under Column Heading RCDM WORK SHEET , Enter <i>105</i>	-
8		If There Is TFN Ending With 01 in Identified Range of TFNs, Obtain Blank Copy of Worksheet Form 105 and Complete Entries on RC Worksheet Form 105	-
		1. Following RC:TSG;CHG;OPT(OUTTFNB) , Enter <i>ACT</i>	-
		2. Following ORNU , Enter Assigned ORNU	-
	404	3. Following TSG , Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
		4. Following FTFN , Enter TFN Ending With 01	-
		5. Following REMARKS , Enter <i>CON</i> Followed by Applicable CON Number	-
		6. If There Are Still TFNBs To Be Deleted, Repeat From Step 7.1	-
9		Arrange All RC Worksheets in Ascending Order Beginning With Lowest RC ORNU and Retain for Later Use	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3		If Not Already Verified, Verify Trunk Subgroup (TSG) Circuit Identification Name (CIN) for Activated CON (VER:TSG:CIN a! Where a = TSG CIN)	DLP-506
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		On Copy of Recent Change (RC) Log Sheet, and Using Steps 6 Through 8, Complete Those Entries To Delete Trunks From TSG	—
6		Assign RC Order Number (ORNU) for RC Worksheet Form 202	DLP-561
7		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (1WI, 1WO, or 2W) TRUNKS FROM</i> (CIN of TSG) TSG	—
8		Under Column Heading RCDM WORK SHEET , Enter <i>202</i>	—
9		Obtain Blank Copy of RC Worksheet Form 202	—
10		Using Steps 11 Through 13, Complete Those Entries on Copy of RC Worksheet Form 202	—
11		Following RC:TRK;OUT;, Enter <i>ACT</i>	—
12		Following ORNU, Enter Assigned ORNU	—
13		Following TSG, Enter TSG Circuit Identification Name (CIN) From Display of TSG Characteristics for Activated CON	—
14		Determine Quantity of Trunks (QTRK) To Be Deleted (Not to Exceed 120) and First Traffic Number (FTFN) in Group of Trunks	—
15		Continuing on Worksheet Form 202, and Using Steps 16 Through 18, Complete Remaining Entries	—
16		Under QTRK, Enter Quantity of Trunks To Be Deleted (Not to Exceed 120)	—
17		Under FTFN, Enter First TFN in Group of Trunks To Be Deleted	—
18		Following REMARKS, Enter <i>CON</i> Followed by Applicable CON Number	—
19		If There Are Still Trunks To Be Deleted, Repeat From Step 5	—

COMPLETE RC WORKSHEETS TO DELETE TRUNKS AND DISCONTINUE ASSOCIATED TSG

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

20		Request That Network Manager Release All Controls on TSG To Be Deleted	-
21		If TSG Is on Any Active Traffic and Plant Measurement Reports (1 Through 23), Request Traffic and Plant Measurement Report Personnel To Delete TSG From Report(s)	-
22		At Recent Change Display Terminal (RCDT), Obtain Display of Routing Data Block Indexes (RDBIs) for RDBs Containing TSG To Be Deleted (VER:RDBLIST;ALL:TSG a! Where a = TSG CIN)	DLP-542
23		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 24 Through 26, Complete RC Log Sheet Entries To Delete Routing Data Blocks (RDBs) Associated With TSG	-
24		Assign RC ORNU for RC Worksheet Form 510	DLP-561
25		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES RDBs ASSOCIATED WITH</i> (CIN of TSG) <i>TSG</i>	-
26		Under Column Heading RCDM WORK SHEET , Enter <i>510</i>	-
		NOTE: At Some CMAC Offices, Steps 27 Through 32 May Be Done by Routing Group, and 4ESS SWITCH RECENT CHANGE LOG SHEET May Not Be Used	
27		Obtain Blank Copy of RC Worksheet Form 510, and Using Steps 28 Through 31, Complete Entries on Copy of RC Worksheet Form 510	-
28		Following RC:RDB;OUT; , Enter <i>TST</i>	-
29		Following RDBI , Enter Routing Data Block To Be Deleted (1-8191)	-
30		Following ORNU , Enter Assigned ORNU	-
31		Following REMARKS , Enter <i>CON</i> Followed by Applicable CON Number	-
32		If There Are Additional RDBs on Display of RDBIs To Be Deleted, Repeat From Step 23	-
33		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 34 Through 36, Complete RC Log Sheet Entries To Discontinue Associated TSG	-
34		Assign RC ORNU for RC Worksheet Form 106	DLP-561
35		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (1WI, 1WO, or 2W) TSG</i> (CIN of TSG)	-
36		Under Column Heading RCDM WORK SHEET , Enter <i>106</i>	-

COMPLETE RC WORKSHEETS TO DELETE TRUNKS AND DISCONTINUE ASSOCIATED TSG

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

37		Obtain Blank Copy of RC Worksheet Form 106, and Using Steps 38 Through 41, Complete Entries on Copy of RC Worksheet Form 106	-
38		Following RC:TSG;OUT;, Enter <i>ACT</i>	-
39		Following ORNU, Enter Assigned ORNU	-
40	404	Following TSG, Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
41		Following REMARKS, Enter <i>CON</i> Followed by Applicable CON Number	-
42		Arrange All RC Worksheets in Ascending Order Beginning With Lowest RC ORNU and Retain for Later Use	-

COMPLETE RC WORKSHEETS TO DELETE TRUNKS AND DISCONTINUE ASSOCIATED TSG

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1		For Activity Due on Date Specified by TOC, Obtain Recent Change (RC) Worksheets for Applicable CON	-
2		Select RC Worksheet With Lowest RC Order Number (ORNU)	-
3		At Recent Change Display Terminal (RCDT), Enter Trunk Type RCDM From RC Worksheet Into Activate State (OP:RCFORM a! Where a = Form Number Being Entered)	DLP-574
4		If Traffic Number Block (TFNB) Was Deleted From TSG (Form 105), Verify Current Translations Data (VER:TFNB:TG a! Where a = TG CIN)	DLP-507
5		If Trunk Subgroup (TSG) Was Deleted (Form 106), Verify Current Translations Data (VER:TSG:CIN a! Where a = TSG CIN)	DLP-527
6		If Message or VFL Trunks Were Deleted (Form 202), Verify Current Translations Data (VER:TSG:CIN a! Where a = TSG CIN)	DLP-520
7		If Routing Data Block (RDB) Was Deleted (Form 510), Verify Current Translations Data (VER:RDBLIST;ALL:TSG a! Where a = TSG CIN)	DLP-589
8		Select Next RC Worksheet in Sequence and Repeat From Step 3 Until All RCDMs Have Been Entered and Verified	-
9		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	DLP-598
10		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
11	350	Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
12		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
13		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
14		Dispose of or File RC Worksheets per Local Procedure	-

ENTER RECENT CHANGE DATA MESSAGES (RCDMs) TO DELETE TRUNKS OR DISCONTINUE TSG

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	404	At CMS Channel, Obtain Printout of CMS 404 Display	DLP-581
3		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
4		On Copy of Recent Change (RC) Log Sheet, and Using Steps 5 Through 7, Complete Those Entries To Establish Domestic Voice Frequency Link (VFL) TSG	—
5		Assign Recent Change (RC) Order Number (ORNU) for RC Worksheet Form 103	DLP-561
6		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ESTABLISHES DOMESTIC VFL TSG</i> (CIN of TSG)	—
7		Under Column Heading RCDM WORK SHEET , Enter <i>103</i>	—
8		Obtain Blank Copy of RC Worksheet Form 103, and Using Steps 9 Through 15, Complete Those Entries on RC Worksheet Form 103 To Establish Domestic Voice Frequency Link (VFL) TSG	—
9		Following RC:TRK;NEW;OPT(VFL), Enter <i>ACT</i>	—
10		Following ORNU, Enter Assigned ORNU	—
11	404	Following TSG, Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
12		Following QTFN, Enter <i>120</i>	—
13		Following SAT, Enter <i>N</i>	—
14		Following DOM, Enter <i>POTS</i>	—
15		Following REMARKS, Enter <i>CON</i> Followed by Applicable CON Number	—
16		From Trunk Operations Center (TOC), Obtain Information for Steps 17 And 18, and Enter on RC Worksheet Form 103	—
17		Following CAREA, Enter Control Area (0-9)	—
18		Following CPOS, Enter Control Position (0-9)	—

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

19		At RCDT, Enter Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 103 Into Activate State (OP:RCFORM 103!)	DLP-574
20		Verify Current Translations Data To Establish Domestic VFL TSG (VER:TSG:CIN a! Where a = TSG CIN)	DLP-508
21		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDM Entered and Verified	-
22		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
23	350	Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
24		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
25		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
26		Dispose of or File RC Worksheets per Local Procedure	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3	404	At CMS Channel, Obtain Printout of CMS 404 Display	DLP-581
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		On Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 6 Through 8, Complete Those Entries To Add VFL Trunk to Existing TSG	-
6		Assign RC Order Number (ORNU) for RC Worksheet Form 204	DLP-561
7		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ADD VFL TRUNK TO DOMESTIC VFL TSG (CIN of TSG)	-
8		Under Column Heading RCDM WORK SHEET , Enter 204	-
9		Obtain Blank Copy of RC Worksheet Form 204, and Using Steps 10 Through 15, Complete Entries on RC Worksheet Form 204 To Add VFL Trunk to Existing TSG	-
10		Following RC:TRK;NEW;OPT(VFL) , Enter ACT	-
11		Following ORNU , Enter Assigned ORNU	-
12	404	Following TSG, Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
13		Following REMARKS , Enter CON Followed by Applicable CON Number	-
14	404	Following TERM , Enter Terminal Number (0-255) From Printout of CMS 404 Display	DLP-588
15	404	Following D1D2 , Enter Identified Facility Type (D1 or D2) From Printout of CMS 404 Display (Leave Blank if Other Than D1 or D2)	DLP-572
16		If Identified Facility Type Is <i>Other Than</i> D1 or D2: Using Steps 17 Through 19, Complete Those Entries on RC Worksheet Form 204; Otherwise, Continue to Step 21	-
17		Under FTFN , Enter Lowest TFN In CON	-
18		Under TAN , Enter TAN Assignment Associated With First TFN (FTFN)	-

ADD VOICE FREQUENCY LINK (VFL) TRUNKS TO EXISTING DOMESTIC VFL TSG

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

19		Under FCHAN, Leave Entry Blank	-
20		If There Are Still TFNs To Be Assigned, Repeat From Step 5 for Next Lowest TFN in CON	-
21		If Identified Facility Type Is D1 or D2: Do Steps 22 Through 25 to Complete Entries on RC Worksheet Form 204; Otherwise, Continue to Step 27	-
22		Determine Far-End Channel (FCHAN)	DLP-601
23		Under FTFN, Enter Identified TFN	-
24		Under TAN, Enter TAN Associated With FTFN	-
25		Under FCHAN, Enter Identified Far-End Channel Number	-
26		If There Are Still TFNs To Be Assigned, Repeat From Step 5 for Next Lowest TFN in CON	-
27		At RCDT, Activate Trunk Type RCDM From RC Worksheet Form 204 (OP:RCFORM 204!)	DLP-574
28		Verify Current Translations Data To Add Trunk to VFL TSG (VER:TRK:TAN a! Where a = TAN Assignment)	DLP-583
29		Select Next RC Worksheet Form 204 and Repeat From Step 27 Until All RCDMs Have Been Entered and Verified	-
30		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
31		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
32	350	Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
33		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
34		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
35		Dispose of or File RC Worksheets per Local Procedure	-

ADD VOICE FREQUENCY LINK (VFL) TRUNKS TO EXISTING DOMESTIC VFL TSG

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1		Obtain CMS 961 Report (CMS 206 Worklist Sorted by Due Date)	DLP-600
2		On CMS 961 Report, Locate CON To Be Canceled	-
3		On CMS 961 Report Under Column Heading MAC STATUS , Identify Status of CON To Be Canceled (RC or CPD)	-
4		If Identified MAC Status Is RC, Draw Line Through CMS 961 Report Entry for CON To Be Canceled	-
5	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
6	405	If Identified MAC Status Is CPD, at CMS Channel, Identify Circuit Order Action Code (A or D)	DLP-596
7		If Identified MAC Status Is CPD, and Circuit Order Action Code Is D (Delete), Do Steps 8 and 9	-
8		Dispose of Any Recent Change (RC) Worksheets Prepared for CON To Be Canceled	-
9		Delete Entry of Recent Change From 4ESS SWITCH RECENT CHANGE LOG SHEET . See 4ESS SWITCH RECENT CHANGE LOG BOOK . To Establish This Book, Refer to DLP Listed	DLP-599
10		If Identified MAC Status Is CPD, and Circuit Order Action Code Is A (Add), Do Steps 11 and 12	-
11	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
12	404	At CMS Channel, Obtain Printout of CMS 404 Display	DLP-581
13		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
14		If Identified MAC Status Is CPD, and Circuit Order Action Code Is A (Add), Then on 4ESS SWITCH RECENT CHANGE LOG SHEET , Using Steps 15 Through 17, Complete RC Log Sheet Entries to Delete Trunks From TSG	-
15		Assign RC Order Number (ORNU) for RC Worksheet Form 202	DLP-561
16		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter DELETES (1WI, 1WO, or 2W) TRUNKS FROM TSG (CIN of TSG)	-
17		Under Column Heading RCDM WORK SHEET , Enter 202	-

CANCEL CIRCUIT ORDER

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DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

18		If Identified MAC Status Is CPD, Obtain Blank Copy of RC Worksheet Form 202, and Complete Entries on RC Worksheet Form 202	DLP-591
19		If Identified MAC Status Is CPD, and Circuit Order Action Code Is (Add), Then If There Are Still Trunks Remaining in CON To Be Deleted, Repeat From Step 14	-
20		If Entries on Forms 202 Were Completed, and If There Is TFN Ending With 01 in Identified Range of TFNs, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 21 Through 23, Complete RC Log Sheet Entries to Delete Traffic Number Block (TFNB)	-
21		Assign RC ORNU for RC Worksheet Form 105	DLP-561
22		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter DELETES TFNB FROM TSG (CIN of TSG)	-
23		Under Column Heading RCDM WORK SHEET , Enter 105	-
24		If Entries on Forms 202 Were Completed, and If There Is TFN Ending With 01 in Identified Range of TFNs, Obtain Blank Copy of RC Worksheet Form 105, and Complete Entries on Copy of RC Worksheet Form 105	DLP-592
25		If Entries on Forms 202 Were Completed, and If There Are Still TFNBs To Be Deleted, Repeat From Step 20	-
26		At RCDT, Determine Trunk Status (VER:TSG:CIN a! Where a = TSG CIN)	DLP-509
27		If Trunk Status Is Other Than Circuit Administrative Disabled (CAD/DSA), Request TOC to CAD/DSA All Trunks To Be Deleted	-
28		When All Trunks Have Been CAD/DSA, Do Steps 29 Through 33	-
29		Select RC Worksheet Form 202 With Lowest ORNU	-
30		At RCDT, Enter Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 202 Into Activate State (OP:RCFORM 202!)	DLP-574
31		Verify Current Translations Data To Delete Trunks From TSG (VER:TSG:CIN a! Where a = TSG CIN)	DLP-520
32		Select Next RC Worksheet Form 202 and Repeat From Step 29 Until All RCDMs Have Been Entered and Verified	-
		(Continued on Page 3)	

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

33		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
34		If RC Worksheet Form 105 Was Completed To Delete TFNB, Do Steps 35 Through 39	-
35		Select RC Worksheet Form 105 With Lowest ORNU	-
36		At RCDT, Activate Trunk Type RCDM From RC Worksheet Form 105 (OP:RCFORM 105!)	DLP-574
37		Verify Current Translations Data To Delete TFNB From TSG (VER:TFNB:TG a! Where a = TSG CIN)	DLP-507
38		Select Next RC Worksheet Form 105 and Repeat From Step 35 Until All RCDMs Have Been Entered and Verified	-
39		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
40		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
41	350,351	Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
42		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
43		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
44		Dispose of or File RC Worksheets per Local Procedure	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3	402, 403, 404	At CMS Channel, Obtain Printouts of CMS 402, 403, and 404 Displays	DLP-560
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		On Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET , Complete Entries To Establish 2W International TSG	-
		1. Assign RC Order Number (ORNU) for RC Worksheet Form 100	DLP-561
		2. Under Column Heading RCDM WORKSHEET , Enter <i>100</i>	-
		3. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ESTABLISHES 2W INTERNATIONAL TSG</i> (CIN of 2W TSG)	-
6		Obtain Blank Copy of RC Worksheet Form 100, and Using Steps 6.1 Through 6.5, Complete Those Entries on Copy of RC Worksheet Form 100	-
		1. Following RC:TSG;NEW;OPT(TWOWAY), Enter <i>ACT</i>	-
		2. Following ORNU, Enter Assigned ORNU	-
	404	3. Following TSG, Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
	404	4. Following TOT, Enter Type of Trunk Code (<i>ITODA, INTL</i> or <i>INTLO</i>)	DLP-502
		5. Following QTFN, Enter <i>96</i>	-
		6. If Range of TFNs in Activated CON Exceeds 96, on 4ESS SWITCH RECENT CHANGE LOG SHEET , Complete 4ESS SWITCH RECENT CHANGE LOG SHEET Entries To Add Additional Traffic Number Block (TFNB) to Existing TSG	-
		1. Assign RC ORNU for RC Worksheet Form 104	DLP-561
		2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS ADDITIONAL TFNB TO 2W INTERNATIONAL TSG</i> (CIN of 2W TSG)	-

**ESTABLISH CCS INTERNATIONAL TWO-WAY TSG
AND ADD ASSOCIATED TRUNKS**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		3. Under Column Heading RCDM WORKSHEET , Enter <i>104</i>	—
		4. If Range of TFNs in Activated CON Exceeds 96, Obtain Blank Copy of RC Worksheet Form 104 and Complete Entries on Copy of RC Worksheet Form 104	DLP-564
		5. If Range of TFNs in Activated CON Exceeds 96, <i>and</i> If There Are <i>Still</i> Circuits To Be Entered, Repeat From Step 6.6 for Next Group of Circuits up to a Quantity of 96	—
		7. Continuing on Worksheet Form 100, and Using Steps 6.8 Through 6.87, Complete Those Entries	—
		8. Following DOM, Enter Domain (<i>INTL, APN, NHOC, NHIC</i>)	—
	404	9. Following SAT, Enter Whether Satellite Facilities Are Being Used (<i>Y</i> or <i>N</i>)	DLP-590
		10. Following PSES, Enter Whether Prohibit Service Evaluation Is Required (<i>Y</i> or <i>N</i>)	DLP-567
	404	11. Following REV, Enter Whether Reverse Hunt Is Required (<i>Y</i> or <i>N</i>)	DLP-568
		12. Following RFA, Enter <i>Y</i>	—
		13. Following ISC, Enter <i>CCITT6</i>	—
		14. Following OSC, Enter <i>CCITT6</i>	—
		15. Following FENPA, Enter Far-End Numbering Plan Area (<i>2-9, 20-99</i> or <i>200-999</i>)	DLP-503
		16. Following RFMP, Enter Whether Ring Forward Miscellaneous Point Is Required (<i>Y</i> or <i>N</i>)	DLP-504
		17. Following GEOSEP, Enter <i>0</i> (Zero)	—
		18. Following NEOTR, Enter <i>N</i>	—
	404	19. Following GLARE, Enter Glare Control (<i>A, E, 0</i> or <i>N</i> [4E14 or Later])	DLP-570
	403	20. Following XCPA, Enter CCS Transceiver Pad Adjustment Code (0-3)	DLP-571
		21. Following DCF, Enter Point Code Format (<i>ATT, ANSI, ISPC</i> or Blank)	—
		22. Following AOPC, Enter Alias Origination Point Code	—
		23. Following DPC, Enter Destination Point Code	—
		24. Following PBXESGD, Leave Blank	—

**ESTABLISH CCS INTERNATIONAL TWO-WAY TSG
AND ADD ASSOCIATED TRUNKS**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE			
6 (Contd)		25. Following PBXAW, Leave Blank	-	
		26. Following FAR4E, Leave Blank	-	
		27. Following ACD, Enter Automatic Call Distributor Code (Y, N, T or Blank)	-	
		28. Following DPSTOP, Leave Blank	-	
		29. Following DELAY, Leave Blank	-	
		30. Following MFSPEED, Leave Blank	-	
		31. Following DHNR, Enter <i>N</i>	-	
		32. Following ADIG, Leave Blank	-	
		33. Following BN, Enter Billing Number	-	
		34. Following BRL, Enter Billing Record Length	-	
		35. Following EAS, Enter Whether Equal Access Signaling Will be Received (A, E or N)	-	
		36. Following OTMTT, Enter <i>N</i>	-	
		37. Following OTMTN, Leave Blank	-	
		38. Following XTMTT, Enter <i>N</i>	-	
		39. Following XTMTN, Leave Blank	DLP-505	
		404	40. Identify Far-End Office Class Code	-
			1. If Identified Far-End Office Class Code Is 1 to 4, Make Entries on RC Worksheet Form 100	-
			1. Following OTSTT, Enter <i>ATMB</i>	-
			2. Following OTSTN, Enter <i>2</i>	-
			3. Following XTSTT, Enter <i>ATMA</i>	-
		4. Following XTSTN, Enter <i>1</i>	-	

**ESTABLISH CCS INTERNATIONAL TWO-WAY TSG
AND ADD ASSOCIATED TRUNKS**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		2. If Identified Far-End Office Class Code Is 5, Make Entries on RC Worksheet Form 100	—
		1. Following OTSTT, Enter <i>N</i>	—
		2. Following OTSTN, Leave Blank	—
		3. Following XTSTT, Enter <i>N</i>	—
		4. Following XTSTN, Leave Blank	—
		41. From Circuit Provision Bureau or Equivalent Source, Obtain Information and Enter on RC Worksheet Form 100	—
		1. Following FENCLASS, Enter Far-End Classification (<i>ACCESA, ACCESI, INTL</i> or Leave Blank)	—
		2. Following FENID, Enter Far-End Network ID	—
		3. If FENCLASS Is <i>ACCESA</i> , Following TFG, Enter Terminating Feature Group (<i>B, C</i> or <i>D</i>)	—
		4. Following FESC6, Enter Whether Far End Provides 6-Digit Screening (<i>Y</i> or <i>N</i>)	—
		42. From Routing Group Supervisor or Equivalent Source, Obtain Informtion and Enter on RC Worksheet Form 100	—
		1. Following MTSC, Enter Multiple Treatment Screening Class Code (0-63)	—
		2. Following GNSC, Enter Go No/Go Screening Class Code (0-3)	—
		43. From MAC Supervisor or Equivalent Source, Obtain Incoming Traffic Separation Class Code, and on RC Worksheet Form 100, Following INSEP, Enter (0-255)	—
		44. From Trunk Operations Center (TOC) or Equivalent Source, Obtain Information and Enter on RC Worksheet Form 100	—
		1. Following CAREA, Enter Control Area (0-9)	—
		2. Following CPOS, Enter Control Position (0-9)	—
		3. Following CCIS2WRE, Leave Blank	—
		45. Following FELATA, Enter Far-End Local Access and Transport Area Code (<i>000-999</i> or Blank)	—
		46. Following IWZ1, Enter International World Zone Code (<i>Y, N</i> or Blank)	—

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	CMS CODE		
6 (Contd)		47. Following LSST, Enter LATA/State Screening State Code (Two Alphabetic Characters or Blank)	-
		48. Following MEM, Enter Trunk Hunt With Memory Code (Y, N or Blank)	-
		49. Following CBNPR, Enter Calling Party Number/Billing Number Default Presentation Restriction Code (Y, N or Blank)	-
		50. Following DNP, Enter Dialed Number Preferred Code (Y, N or Blank)	-
		51. Following PSOLI, Enter Prohibit Sending Originating Line Identity Code (Y, N or Blank)	-
		52. Following TSGBBC, Enter Trunk Subgroup Broadband Capability (0 to 6 or Blank)	-
		53. Following FEOFC, Enter Far-End Office Code (000-999 or Blank)	-
		54. Following FELATA, Enter Far-End Local Access and Transport Area Code (000-999 or Blank)	-
		55. Following IWZ1, Enter International World Zone 1 Code (Y, N or Blank)	-
		56. Following LSST, Enter LATA/State Screening State Code (Two Alphabetic Characters or Blank)	-
		57. Following MEM, Enter Trunk Hunt With Memory Code (Y, N or Blank)	-
		58. Following CID, Enter Carrier ID (0000-9999 or Blank)	-
		59. Following CBNPR, Enter Calling Party Number/Billing Number Default Presentation Restriction Code (Y, N or Blank)	-
		60. Following DNP, Enter Dialed Number Preferred Code (Y, N or Blank)	-
		61. Following ITC, Enter Incoming Trunk Subgroup Class (0-3 or Blank)	-
		62. Following NPARINH, Enter Inhibit NPA Reconstruction Code (Y, N or Blank)	-
		63. Following WATSBN, Enter WATS Billing Number (10-Digit Number or Blank)	-
		64. Following PSBN, Enter Prohibit Sending Billing Number Code (Y, N or Blank)	-
	65. Following PSCPN, Enter Prohibit Sending Calling Party Number Code (Y, N or Blank)	-	
	66. Following ANISID, Enter ANI/SID Request Code (NONE, ANI, PANI, REQ, SID or Blank)	-	

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DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		67. Following WANISID, Enter WATS Service ANI/SID Request Code (<i>NONE, ANI, PANI, PSID, REQ, SID</i> or Blank)	—
		68. Following PSUUI, Enter Prohibit Sending User to User Information With 4E14 and Later Generics (<i>Y, N</i> or Blank)	—
		69. Following SCFN, Enter Send Confusion Message	—
		70. Following OVLP, Enter Send Overlap Signaling	—
		71. Following APS, Enter ACCUNET Packet Service (<i>Y, N</i> or Blank)	—
		72. Following CHNEG, Enter Channel Negotiation (<i>N, Y</i> or Blank)	—
		73. Following PSATP, Enter Prohibited Sending Access Transport Parameter With 4E15 and Later Generics (<i>Y, N</i> or Blank)	—
		74. Following DOFP, Enter Disable Outgoing Fraud Prevention Code (<i>Y, N</i> or Blank)	—
		75. Following DATA, Enter Data Service (<i>Y, N</i> or Blank)	—
		76. Following BFTIS, Enter Backward Failure Treatment all ISUP With 4E15 and Later Generics (<i>ANN, REL</i> or Blank)	—
		77. Following BFINI, Enter Backward Failure Treatment not all ISUP With 4E15 and Later Generics (<i>ANN, REL</i> or Blank)	—
		78. Following PBXNWW, Enter PBX No Wait for Wink Code (<i>Y, N</i> or Blank)	—
		79. Following INCID, Enter Number of Carrier ID Digits to be Received	—
		80. Following ONCID, Enter Number of Carrier ID Digits to be Sent	—
		81. Following MULAW, Enter A-law/Mu-law Encoding	—
		82. Following SINDEXT, Enter Access Charge Verification Sampling Rate Index Code (<i>0-2, 4, 8, 16, 32, 64</i> or Blank)	—
		83. Following S1, Enter Space Code (<i>0-7</i> or Blank)	—
		84. Following S2 through S10, Enter Space Code (<i>Y, N</i> or Blank)	—
		85. Following CODSC, Enter CPE Outgoing Disconnect Code (<i>Y, N</i> or Blank)	—

**ESTABLISH CCS INTERNATIONAL TWO-WAY TSG
AND ADD ASSOCIATED TRUNKS**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		86. Following IT, Enter Intertoll Treatment Code (Y, N or Blank)	
		87. If Performing Circuit Orders in an AT&T Switching Network, Complete the Following Entries on RC Worksheet Form 100:	-
		1. Following VDCAP, Refer to PTG-4 for Valid Entries	-
		2. Following DATAF, Refer to PTG-4 for Valid Entries	-
		3. Following FEAREA, Refer to PTG-4 for Valid Entries	-
		4. Following FESWID, Refer to PTG-4 for Valid Entries	-
		5. Following EXSEQ, Refer to PTG-4 for Valid Entries	-
		6. Following FEPTY, Refer to PTG-4 for Valid Entries	-
		7. Following GSDN, Refer to PTG-4 for Valid Entries	-
		8. Following GSDNPHSE, Refer to PTG-4 for Valid Entries	-
		9. Following SBRIV, Refer to PTG-4 for Valid Entries	-
		10. Following BNPT, Refer to PTG-4 for Valid Entries	-
		11. Following WBNPT, Refer to PTG-4 for Valid Entries	-
		12. Following CMERGE, Refer to PTG-4 for Valid Entries	-
		13. Following PRIT, Refer to PTG-4 for Valid Entries	-
		14. Following MEGC, Refer to PTG-4 for Valid Entries	-
		15. Following SDNA, Refer to PTG-4 for Valid Entries	-
		16. Following OWAT, Refer to PTG-4 for Valid Entries	-
		17. Following CBC, Refer to PTG-4 for Valid Entries	-
		18. Following DDD, Refer to PTG-4 for Valid Entries	-
		19. Following IDDD, Refer to PTG-4 for Valid Entries	-
	20. Following FDSPS, Refer to PTG-4 for Valid Entries	-	
	21. Following CCIF, Refer to PTG-4 for Valid Entries	-	

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DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		22. Following HYBRD, Refer to PTG-4 for Valid Entries	—
		23. Following S5DIG, Refer to PTG-4 for Valid Entries	—
		24. Following ITELCO, Refer to PTG-4 for Valid Entries	—
		25. Following D3DBN, Refer to PTG-4 for Valid Entries	—
		26. Following CSCSET, Refer to PTG-4 for Valid Entries	—
		27. Following ANCR, Refer to PTG-4 for Valid Entries	—
		28. Following ACCID, Refer to PTG-4 for Valid Entries	—
		29. Following ACCDTA, Refer to PTG-4 for Valid Entries	—
		30. Following PSTNG, Refer to PTG-4 for Valid Entries	—
		31. Following FLDSPR, Refer to PTG-4 for Valid Entries	—
		32. Following SDNPLAN, Refer to PTG-4 for Valid Entries	—
		33. Following SKSP, Refer to PTG-4 for Valid Entries	—
		34. Following TRIDX, Refer to PTG-4 for Valid Entries	—
		88. Following REMARKS, Enter CON Followed by Applicable CON Number	—
7		Assign RC ORNU for RC Worksheet Form 203	DLP-561
8		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS 2W TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	—
9		Under Column Heading RCDM WORKSHEET , Enter <i>203</i>	—
10		Obtain Blank Copy of RC Worksheet Form 203, and Complete Copy of RC Worksheet Form 203 to Add CCITT6 Trunks to New International TSG	DLP-573
11		At RCDT, Activate Trunk Type Recent change Data Message (RCDM) Form RC Worksheet Form 203 To (OP:RCFORM 100!)	DLP-574
12		Verify Current Translations Data for Establishing 2W TSG (VER:TSG:CIN a! Where a = TSG CIN)	DLP-575
13		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE — ACT and VERIFY — MAC Columns for RCDMs Entered and Verified	—

**ESTABLISH CCS INTERNATIONAL TWO-WAY TSG
AND ADD ASSOCIATED TRUNKS**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
14		If RC Worksheet Form 104 Was Completed To Add Additional TFNB to TSG at RCDT, Do Steps 15 and 16	-
15		Enter Trunk Type RCDM From RC Worksheet Form 104 Into Activate State (OP:RCFORM 104!)	DLP-574
16		Verify Current Translations Data To Add TFNB to TSG (VER:TFNB:TG a! Where a = TG COM)	DLP-513
17		If There Are Additional RC Worksheet Forms 104 To Be Entered, Repeat From Step 14	-
18		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
19		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 203 Into Activate State (OP:RCFORM 203!)	DLP-574
20		Using RC Worksheet Form 203, Verify Current Translations Data To Add CCITT6 Trunks (VER:TRK:TAN a-b!)	DLP-578
21		Select Next RC Worksheet Form 203 and Repeat From Step 19 Until All RCDMs Have Been Entered and Verified	-
22		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
23		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
24	350	Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
25		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
26		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
27		Dispose or File RC Worksheets per Local Procedure	-

**ESTABLISH CCS INTERNATIONAL TWO-WAY TSG
AND ADD ASSOCIATED TRUNKS**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3	402, 403,404	At CMS Channel, Obtain Printouts of CMS 402, 403 and 404 Displays	DLP-560
4		If Not Already in Existence, Establish 4ESS SWITCH RECENT CHANGE LOG BOOK	DLP-598
5		Complete Entries On 4ESS SWITCH RECENT CHANGE LOG SHEET To Establish 1WI INTERNATIONAL TSG As Follows:	-
		1. Assign RC Order Number (ORNU) for RC Worksheet Form 101	DLP-561
		2. Under Column Heading RCDM WORKSHEET , Enter <i>101</i>	-
		3. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ESTABLISHES 1WI TSG</i> (CIN of TSG)	-
6		Obtain Blank Copy of RC Worksheet Form 101 and Complete Entries on Form 101 To Establish 1WI INTERNATIONAL TSG As Follows:	-
		1. Following RC:TSG;NEW;OPT(IN1WAY), Enter <i>ACT</i>	-
		2. Following ORNU, Enter Assigned ORNU	-
	404	3. Following TSG, Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON	DLP-562
	404	4. Following TOT, Enter Type of Trunk Code (<i>INTL</i> or <i>INTLO</i>)	DLP-563
		5. Following QTFN, Enter <i>96</i>	-
		6. If Range of TFNs in Activated CON Exceeds 96, Perform the Following to Add Additional Traffic Number Block (TFNB) to Existing TSG:	-
		1. Complete Entries on 4ESS SWITCH RECENT CHANGE LOG SHEET to Add Additional TFNB to TSG as Follows:	-
		1. Assign RC ORNU for RC Worksheet Form 104	DLP-561
		2. Under Column Heading RCDM WORKSHEET , Enter <i>104</i>	-
		3. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS ADDITIONAL TFNB TO 1WI INTERNATIONAL TSG</i> (CIN of TSG)	-

ESTABLISH CCS INTERNATIONAL ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		2. Obtain Blank Copy of RC Worksheet Form 104 and Complete Entries on Form 104 to Add Additional TFNB to TSG	DLP-564
		3. If There Are Still Circuits To Be Entered, Repeat From Step 6.6 for Next Group of Circuits Up to a Quantity of 96	—
	404	7. Following SAT, Enter Whether Satellite Facilities Are Being Used (Y or N)	DLP-566
		8. Following DOM, Enter INTL	DLP-565
	404	9. Following PSES, Enter 0	DLP-567
		10. Following GEOSEP, Enter 0	DLP-593
	404	11. Following RFA, Enter Y	DLP-569
		12. Following ISC, Enter CCITT6	—
		13. Following GNSC, Leave Blank	—
		14. Following ADIG, Leave Blank	—
		15. From Local Telephone Directory or Equivalent Source, Obtain Far-End Numbering Plan and Enter on RC Worksheet Form 101 Following FENPA (200-999)	—
		<i>Note:</i> From Far-End Equipment Engineering, Cutover Coordinator, Circuit Provision Bureau or Equivalent Source, Obtain Information for Steps 6.17 Through 6.26 and Enter on RC Worksheet Form 101	—
		16. Following FENCLASS, Enter Far-End Classification (ACCESA, ACCESO, ACCESI, INTL, ITS, PBX, POTS, CAMA, CMC, OWATS or Blank)	—
		17. Following FENID, Enter Far-End Network ID Code (Up to 6 Alphanumeric Characters or Blank)	—
		18. If FENCLASS Is ACCESA, Following TFG, Enter Terminating Feature Group (B, C or D)	—
		19. Following FESC6, Enter Whether Far-End Provides 6-Digit Screening (Y or N)	—
		20. If TOT Is PBX, Perform the Following on RC Worksheet Form 101; Otherwise, Leave Blank	—
		1. If DOM Is SDNA, Following PBXESGD, Enter Y; Otherwise, Leave Blank	—
		2. Following PBXAW, Enter Whether Answer Supervision Is To Be Withheld (Y or N)	—

ESTABLISH CCS INTERNATIONAL ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		21. Following BN, Enter Billing Number	-
		22. Following BRL, Enter Billing Record Length	-
		23. Following EAS, Enter Whether Equal Access Signaling Will Be Received (A, E or N)	-
		24. Following CMTYP, Enter CAMA Type	-
		25. Following FAR4E, Leave Blank	-
		26. From Routing Group Supervisor or Equivalent Source, Obtain Information and Enter on RC Worksheet Form 101	-
		1. Following MTSC, Enter Multiple Treatment Screening Class (0-63)	-
		2. From MAC Supervisor or Equivalent Source, Obtain Incoming Traffic Separation Class Code, and on RC Worksheet Form 101, Following INSEP, Enter (0-255)	-
		27. From Trunk Operations Center (TOC) or Equivalent Source, Obtain Information and Enter on RC Worksheet Form 101	-
		1. Following CAREA, Enter Control Area (0-9)	-
		2. Following CPOS, Enter Control Position (0-9)	-
		3. Following CCIS2WRE, Leave Blank	-
		28. Following PCF, Leave Blank	-
		29. Following AOPC, Leave Blank	-
		30. Following DPC, Leave Blank	-
		31. Following TSGBBC, Enter Trunk Subgroup Broadband Capability (0 to 6 or Blank)	-
		32. Following FE0FC, Enter Far-End Office Code (000-999 or Blank)	-
		33. Following FELATA, Enter Far-End Local Access And Transport Area Code (000-999 or Blank)	-
		34. Following IWZ1, Enter International World Zone 1 Code (Y, N or Blank)	-

ESTABLISH CCS INTERNATIONAL ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		35. Following LSST, Enter LATA/State Screening State Code (Two Alphabetic Characters or Blank)	—
		36. Following MEM, Enter Trunk Hunt With Memory Code (Y, N or Blank)	—
		37. Following CBNPR, Enter Calling Party Number/Billing Number Default Presentation Restriction Code (Y, N or Blank)	—
		38. Following ITC, Enter Incoming Trunk Subgroup Class (0-3 or Blank)	—
		39. Following NPARINH, Enter Inhibit NPA Reconstruction Code (Y, N or Blank)	—
		40. Following WATSBN, Enter WATS Billing Number (Ten Digit Number or Blank)	—
		41. Following PSUUI, Enter Prohibit Sending User-to-User Information (Y, N or Blank)	—
		42. Following SCFN, Enter Send Confusion Message	—
		43. Following OVL P, Enter Send Overlap Signaling	—
		44. Following APS, Enter ACCUNET Packet Service (Y, N or Blank)	—
		45. Following PSATP, Enter Prohibit Service Evaluation (Y, N or Blank)	—
		46. Following DATA, Enter Data Service (Y, N or Blank)	—
		47. Following BFTIS, Enter Backward Failure Treatment all ISUP (ANN, REL or Blank)	—
		48. Following BFTNI, Enter Backward Failure Treatment not all ISUP (ANN, REL or Blank)	—
		49. Following PBXNWW, Enter PBX No Wait For Wink Code (Y, N or Blank)	—
		50. Following INCID, Enter Number of Carrier ID Digits to be Received	—
	51. Following SINDEX, Enter Access Charge Verification Sampling Rate Index Code (0-2, 4, 8, 16, 32, 64 or Blank)	—	
	52. Following IT, Enter Intertoll Treatment Code (Y, N or Blank)	—	
	53. Following S1, Enter Spare Code (0-7 or Blank)	—	
	54. Following S2 through S10, Enter Spare Code (Y, N or Blank)	—	

ESTABLISH CCS INTERNATIONAL ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		55. If Performing Circuit Orders in an AT&T Switching Network, Complete the Following Entries On RC Worksheet Form 101:	-
		1. Following GSDN, Refer to PTG-4 for Valid Entries	-
		2. Following GSDNPHSE, Refer to PTG-4 for Valid Entries	-
		3. Following SBRIV, Refer to PTG-4 for Valid Entries	-
		4. Following BNPT, Refer to PTG-4 for Valid Entries	-
		5. Following WBNPT, Refer to PTG-4 for Valid Entries	-
		6. Following CMERGE, Refer to PTG-4 for Valid Entries	-
		7. Following PRIT, Refer to PTG-4 for Valid Entries	-
		8. Following MEGC, Refer to PTG-4 for Valid Entries	-
		9. Following SDNA, Refer to PTG-4 for Valid Entries	-
		10. Following OWAT, Refer to PTG-4 for Valid Entries	-
		11. Following CBC, Refer to PTG-4 for Valid Entries	-
		12. Following DDD, Refer to PTG-4 for Valid Entries	-
		13. Following IDDD, Refer to PTG-4 for Valid Entries	-
		14. Following FOSPS, Refer to PTG-4 for Valid Entries	-
		15. Following SDNPLAN, Refer to PTG-4 for Valid Entries	-
		16. Following SKSP, Refer to PTG-4 for Valid Entries	-
		17. Following HYBRD, Refer to PTG-4 for Valid Entries	-
		18. Following ITELCO, Refer to PTG-4 for Valid Entries	-
		19. Following S5DIG, Refer to PTG-4 for Valid Entries	-
		20. Following ANCR, Refer to PTG-4 for Valid Entries	-
		21. Following ACCID, Refer to PTG-4 for Valid Entries	-
	22. Following ACCDTA, Refer to PTG-4 for Valid Entries	-	

ESTABLISH CCS INTERNATIONAL ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		23. Following PSTNG, Refer to PTG-4 for Valid Entries	—
		24. Following FLDSPR, Refer to PTG-4 for Valid Entries	—
		56. Following REMARKS, Enter <i>CON</i> Followed by Applicable CON Number	—
		57. On 4ESS SWITCH RECENT CHANGE LOG SHEET , Complete Following Entries	—
		1. Assign RC ORNU for RC Worksheet Form 203	DLP-561
		2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS 1WI TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	—
		3. Under Column Heading RCDM WORKSHEET , Enter <i>203</i>	—
		4. Obtain Blank Copy of RC Worksheet Form 203, and Complete Copy of RC Worksheet Form 203 To Add CCS Trunks to TSG	DLP-573
	58. At RCDT, Enter Type Recent Change Data Message (RCDM) From RC Worksheet Form 101 Into Activate State (OP:RCFORM 101!)	DLP-574	
7		Verify Current Translations Data for Establishing 1WI TSG (VER:TSG:CIN a! Where a = TSG CIN)	DLP-576
8		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE — ACT and VERIFY — MAC Columns for RCDM Entered and Verified	—
9		If RC Worksheet Form 104 Was Completed To Add Additional TFBN to TSG at RCDT, Do Steps 10 and 11	—
10		Enter Trunk Type RCDM From RC Worksheet Form 104 Into Activate State (OP:RCFORM 104!)	DLP-574
11		Verify Current Translations Data To Add TFNB to TSG (VER:TFNB:TG a! Where a = TG CIN)	DLP-513
12		If There Are Additional RC Worksheet Forms 104 To Be Entered, Repeat From Step 10	—
13		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE — ACT and VERIFY — MAC Columns for RCDMs Entered and Verified	—
14		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 203 Into Activate State (OP:RCFORM 203!)	DLP-574

ESTABLISH CCS INTERNATIONAL ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
15		Using RC Worksheet Form 203, Verify Current Translations Data To Add CCS Trunks (VER:TRK:TAN a-b!)	DLP-578
16		Select Next RC Worksheet Form 203 and Repeat From Step 14 Until All RCDMs Have Been Entered and Verified	-
17		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
18		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
19		Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
20		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
21		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
22		Dispose of or File RC Worksheets per Local Procedure	-

ESTABLISH CCS INTERNATIONAL ONE-WAY INCOMING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3	402, 403,404	At CMS Channel, Obtain Printouts of CMS 402, 403 and 404 Displays	DLP-560
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		On Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET Complete Entries To Establish International 1W0 TSG as Follows:	-
		1. Assign RC Order Number (ORNU) for RC Worksheet Form 102	DLP-561
		2. Under Column Heading RCDM WORKSHEET , Enter <i>102</i>	-
		3. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ESTABLISHES INTERNATIONAL 1W0 TSG (CIN of TSG)</i>	-
6		Obtain Blank Copy of RC Worksheet Form 102, and Using Steps 6.1 Through 6.5, Complete Those Entries on Copy of RC Worksheet Form 102 To Establish New International 1W0 TSG	-
		1. Following RC:TSG;NEW;OPT(OUT1WAY) , Enter <i>ACT</i>	-
		2. Following ORNU , Enter Assigned ORNU (1 to 999999)	-
	404	3. Following TSG , Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
	404	4. Following TOT , Enter Type of Trunk Code (<i>INTL</i> or <i>INTLO</i>)	DLP-502
		5. Following QTFN , Enter <i>96</i>	-
		6. If Range of TFNs in Activated CON Exceeds 96, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 6.6.1 Through 6.6.3, Complete RC Log Sheet Entries To Add Additional Traffic Number Block (TFNB) to Existing TSG	-
		1. Assign RC ORNU for RC Worksheet Form 104	DLP-561
		2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS ADDITIONAL TFNB TO INTERNATIONAL 1W0 TSG (CIN of 1W0 TSG)</i>	-

**ESTABLISH CCS INTERNATIONAL ONE-WAY OUTGOING TSG
AND ADD ASSOCIATED TRUNKS**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		3. Under Column Heading RCDM WORKSHEET , Enter <i>104</i>	—
		4. Obtain Blank Copy of RC Worksheet Form 104 and Complete Entries on Form 104 to Add Additional TFNB to TSG	DLP-564
		5. If There Are Still Circuits To Be Entered, Repeat From Step 6.6 for Next Group of Circuits Up to a Quantity of 96	—
		7. Following DOM , Enter <i>INTL</i>	—
	404	8. Following SAT , Enter Whether Satellite Facilities Are Being Used (<i>Y</i> or <i>N</i>)	DLP-590
		9. Following PSES , Enter Whether Prohibit Service Evaluation Is Required (<i>Y</i> or <i>N</i>)	DLP-567
		10. Following OSC , Enter <i>CCITT6</i>	—
		11. Following FENPA , Enter Far-End Numbering Plan Area (2-9, 20-99 or 200-999)	DLP-503
		12. Following RFMP , Enter Whether Ring Forward Miscellaneous Point Is Required (<i>Y</i> or <i>N</i>)	DLP-504
		13. Following DPSTOP , Leave Blank	—
		14. Following DELAY , Leave Blank	—
		15. Following MFSPEED , Leave Blank	—
		16. Following XCPA , Enter CCS Transceiver Pad Adjustment Code (0-3)	DLP-571
		17. Following PCF , Enter Point Code Format (<i>ATT</i> , <i>ANSI</i> , <i>ISPC</i> or Blank)	—
		18. Following DPC , Enter Destination Point Code	—
		19. Following NEOTR , Enter <i>N</i>	—
		20. Following OTMTT , Enter <i>N</i>	—
		21. Following OTMTN , Leave Blank	—
		22. Following XTMTT , Enter <i>N</i>	—
		23. Following XTMTN , Leave Blank	—
	404	24. Identify Far-End Office Class Code	DLP-505

**ESTABLISH CCS INTERNATIONAL ONE-WAY OUTGOING TSG
AND ADD ASSOCIATED TRUNKS**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		25. If Identified Far-End Office Class Code Is Class 1 to 4	-
		1. Following OTSTT, Enter <i>ATMB</i>	-
		2. Following OTSTN, Enter <i>2</i>	-
		3. Following XTSTT, Enter <i>ATMA</i>	-
		4. Following XTSTN, Enter <i>1</i>	-
		26. If Identified Far-End Class Code Is Class 5	-
		1. Following OTSTT, Enter <i>N</i> (for None)	-
		2. Following OTSTN, Leave Blank	-
		3. Following XTSTT, Enter <i>N</i>	-
		4. Following XTSTN, Leave Blank	-
		27. From Circuit Provision Bureau or Equivalent Source, Obtain Information for Steps 6.28 Through 6.31 and Enter on RC Worksheet Form 102	-
		28. Following FENCLASS, Enter Far-End Classification (<i>ACCESA, ACCESI, INTL</i> or Leave Blank)	-
		29. Following FENID, Enter Far-End Network ID	-
		30. Following BN, Enter Billing Number	-
		31. Following BRL, Enter Bill Record Length	-
		32. On RC Worksheet Form 2002 Following REMARKS, Enter C0 Followed by Applicable CON Number	-
		33. Following TFG, Enter Type of Feature Group (<i>B, C, D</i> or Blank)	-
		34. Following ACD, Enter Automatic Call Distributor Code (<i>Y, N, T</i> or Blank)	-
		35. Following TSGBBC, Enter Trunk Subgroup Broad Bank Capability (0 to 6 or Blank)	-
		36. Following FEOFC, Enter Far-End Office Code (<i>000-999</i> or Blank)	-
	37. Following FELATA, Enter Far-End Local Access and Transport Area Code (<i>000-999</i> or Blank)	-	
	38. Following IWZ1, Enter International Word Zone 1 Code (<i>Y, N</i> or Blank)	-	

**ESTABLISH CCS INTERNATIONAL ONE-WAY OUTGOING TSG
AND ADD ASSOCIATED TRUNKS**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		39. Following CID, Enter Carrier ID (0000-9999 or Blank)	-
		40. Following CAREA, Enter Control Area (0-9)	-
		41. Following CPOS, Enter ControlPosition (0-9)	-
		42. Following CCIS2WRE, Leave Blank	-
		43. Following MEM, Enter Trunk Hunt With Memory Code (Y, N or Blank)	-
		44. Following DNP, Enter Dialed Number Preferred Code (Y, N or Blank)	-
		45. Following PSOLI, Enter Prohibit Sending Originating Line Identity (Y, N or Blank)	-
		46. Following PSBN, Enter Prohibit Sending Billing Number (Y, N or Blank)	-
		47. Following PSCPN, Enter Prohibit Sending Calling Party Number (Y, N or Blank)	-
		48. Following ANISID, Enter ANI/SID Request Code (NONE, ANI, PANI, PSID, REQ, SID, or Blank)	-
		49. Following WANISID, Enter WATS Service ANI/SID Request Code (NONE, ANI, PANI, PSID, REQ, SID or Blank)	-
		50. Following PSUUI, Enter Prohibit Sending User-to-User Information (Y, N or Blank)	-
		51. Following SCFN, Enter Send Confusion Message	-
		52. Following APS, Enter ACCUNET Packet Service (Y, N or Blank)	-
		53. Following CHNEG, Enter Channel Negotiation (Y, N or Blank)	-
		54. Following PSATP, Enter Prohibit Sending Access Transport Parameters (Y, N or Blank)	-
		55. Following DOFP, Enter Disable Outgoing Fraud Prevention Code (Y or N)	-
		56. Following ONCID, Enter Number of Carrier ID Digits to Send	-
		57. Following MULAW, Enter A-law/Mu-law Encoding	-
		58. Following SINDEXT, Enter Access Charge Verification Sampling Rate Index Code (0-2, 4, 8, 16, 32, 64 or Blank)	-
	59. Following CODSC, Enter CPE Outgoing Disconnect Code (Y, N or Blank)	-	
	60. Following S1, Enter Spare Code (0-7 or Blank)	-	

ESTABLISH CCS INTERNATIONAL ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
6 (Contd)		60. If Performing Circuit Orders in an AT&T Switching Network, Complete The Following Entries on RC Worksheet Form 102:	-
		1. Following VDCAP, Refer to PTG-4 for Valid Entries	-
		2. Following FEAREA, Refer to PTG-4 for Valid Entries	-
		3. Following FESWID, Refer to PTG-4 for Valid Entries	-
		4. Following EXSEQ, Refer to PTG-4 for Valid Entries	-
		5. Following FEPTY, Refer to PTG-4 for Valid Entries	-
		6. Following GSDN, Refer to PTG-4 for Valid Entries	-
		7. Following BNPT, Refer to PTG-5 for Valid Entries	-
		8. Following CMERGE, Refer to PTG-6 for Valid Entries	-
		9. Following PRIT, Refer to PTG-7 for Valid Entries	-
		10. Following SBRIV, Refer to PTG-4 for Valid Entries	-
		11. Following FOSPS, Refer to PTG-4 for Valid Entries	-
		12. Following CCIF, Refer to PTG-4 for Valid Entries	-
		13. Following D3DBN, Refer to PTG-4 for Valid Entries	-
		14. Following CSCSET, Refer to PTG-4 for Valid Entries	-
		15. Following ANCR, Refer to PTG-4 for Valid Entries	-
		16. Following ACCID, Refer to PTG-4 for Valid Entries	-
		17. Following ACCDTA, Refer to PTG-4 for Valid Entries	-
		18. Following PSTNG, Refer to PTG-4 for Valid Entries	-
		19. Following FLDSPR, Refer to PTG-4 for Valid Entries	-
		20. Following TRIDX, Refer to PTG-4 for Valid Entries	-

ESTABLISH CCS INTERNATIONAL ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
7		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 7.1 Through 7.3, Complete Those Entries	-
		1. Assign RC ORNU for RC Worksheet Form 203	DLP-561
		2. Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS 1W0 TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	-
		3. Under Column Heading RCDM WORKSHEET , Enter 203	-
		Obtain Blank Copy of RC Worksheet Form 203, and Complete Copy of RC Worksheet Form 203 To Add CCITT6 Trunks to New International TSG	DLP-573
		At RCDT, Enter Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 102 Into Activate State (OP:RCFORM 102!)	DLP-574
		Verify Current Translations Data for Establishing 1W0 TSG (VER:TSG:CIN a! Where a = TSG CIN)	DLP-577
		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDM Entered and Verified	-
		If RC Worksheet Form 104 Was Completed To Add Additional TFNB to TSG, at RCDT, Do Steps 13 Through 17	-
		Enter Trunk Type RCDM From RC Worksheet Form 104 Into Activate State (OP:RCFORM 104!)	DLP-574
		Verify Current Translations Data To Add TFNB to TSG (VER:TFNB:TG a! Where a = TG CIN)	DLP-513
		If There Are Additional RC Worksheet Forms 104 To Be Entered, Repeat From Step 14	-
		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 203 Into Activate State (OP:RCFORM 203!)	DLP-574
		Using RC Worksheet Form 203, Verify Current Translations Data To Add CCITT6 Trunks (VER:TRK:TAN a-b!)	DLP-578
		Select Next RC Worksheet Form 203 and Repeat From Step 17 Until All RCDMs Have Been Entered and Verified	-
		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	

ESTABLISH CCS INTERNATIONAL ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
21		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	
22	350	Update MAC Circuit Order Status in CMS to Completed (<i>CPD</i>) for CONs Assigned	DLP-579
23		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
24		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into <i>4ESS</i> Switch	-
25		Dispose of or File RC Worksheets per Local Procedure	

ESTABLISH CCS INTERNATIONAL ONE-WAY OUTGOING TSG AND ADD ASSOCIATED TRUNKS

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3		If Not Already Verified, Verify Trunk Subgroup (TSG) Circuit Identification Name (CIN) for Activated CON (VER:TSG:CIN a! Where a = TSG CIN)	DLP-506
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		If There Is TFN Ending With 01 in Identified Range of TFNs, on Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 6 Through 8, Complete Those Entries To Add Additional Traffic Number Block (TFNB) to Existing TSG	-
6		Assign RC Order Number (ORNU) for RC Worksheet Form 104	DLP-561
7		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ADDS ADDITIONAL TFNB TO (1WI, 1WO, or 2W) TSG (CIN of TSG)	-
8		Under Column Heading RCDM WORK SHEET , Enter 104	-
9		If There Is TFN Ending With 01 in Identified Range of TFNs, Obtain Blank Copy of RC Worksheet Form 104, and Complete Entries on RC Worksheet Form 104 To Add Additional TFNB to Existing TSG	DLP-564
10		If There Are Still Circuits To Be Entered, Repeat From Step 5 for Next Group of Circuits, up to a Quantity of 96	-
11		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 12 Through 14, Complete Those Entries	-
12		Assign RC ORNU for RC Worksheet Form 203	DLP-561
13		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ADDS (1WI, 1WO, or 2W) TRUNKS TO CCIS TSG (CIN of CCS TSG)	-
14		Under Column Heading RCDM WORKSHEET , Enter 203	-
15		Obtain Blank Copy of RC Worksheet Form 203 and Complete RC Worksheet Form 203 To Add CCITT6 Trunks to New International TSG	DLP-573

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

16		If RC Worksheet Form 104 Was Completed To Add Additional TFNB to Existing TSG, Do Steps 17 and 18	-
17		At RCDT, Activate Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 104 (OP:RCFORM 104!)	DLP-574
18		Verify Current Translations Data To Add TFNB to Existing International TSG (VER:TFNB:TG a! Where a = TG CIN)	DLP-513
19		If There Are Additional RC Worksheets Forms 104 To Be Entered, Repeat From Step 17	-
20		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
21		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 203 Into Test State (OP:RCFORM 203!)	DLP-574
22		Using RC Worksheet Form 203, Verify Current Translations Data to Add CCITT6 Trunks (VER:TRK:TAN a-b!)	DLP-578
23		Select Next RC Worksheet Form 203 and Repeat From Step 21 Until All RCDMs Have Been Entered and Verified	-
24		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
25		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
26	350	Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
27		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
28		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
29		Dispose of or File RC Worksheets Per Local Procedure	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	404	At CMS Channel, Obtain Printout of CMS 404 Display	DLP-581
3		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
4		Using Steps 5 Through 7, Complete 4ESS SWITCH RECENT CHANGE LOG SHEET Entries To Establish International Voice Frequency Link (VFL) TSG	-
5		Assign Recent Change (RC) Order Number (ORNU) for RC Worksheet Form 103	DLP-561
6		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ESTABLISHES AN INTERNATIONAL VFL TSG</i> (CIN of TSG)	-
7		Under Column Heading RCDM WORK SHEET , Enter <i>103</i>	-
8		Obtain Blank Copy of RC Worksheet Form 103, and Using Steps 9 Through 14, Complete Those Entries on RC Worksheet Form 103 To Establish International Voice Frequency Link (VFL) TSG	-
9		Following RC:TRK;NEW;OPT(VFL), Enter <i>ACT</i>	-
10		Following ORNU, Enter Assigned ORNU	-
11	404	Following TSG, Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
12		Following QTFN, Enter <i>120</i>	-
13	404	Following SAT, Enter Whether Satellite Facilities Are Being Used (<i>Y</i> or <i>N</i>)	DLP-590
14		Following DOM, Enter <i>INTL</i>	-
15		From Trunk Operations Center (TOC), Obtain Information for Steps 16 and 17, and Enter on RC Worksheet Form 103	-
16		Following CAREA, Enter Control Area (0-9)	-
17		Following CPOS, Enter Control Position (0-9)	-
18		Continuing on Worksheet Form 103, Following REMARKS, Enter <i>CON</i> Followed by Applicable CON Number	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

19		At RCDT, Activate Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 103 (OP:RCFORM 103!)	DLP-574
20		Verify Current Translations Data to Establish International VFL TSG (VER:TSG:CIN a!) Where a = TSG CIN)	DLP-508
21		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
22		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
23	350	Update MAC Circuit Order Status in CMS to Completed (<i>CPD</i>) for CONs Assigned	DLP-579
24		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
25		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into <i>4ESS</i> Switch	-
26		Dispose of or File RC Worksheets per Local Procedure	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
2	250	Identify Range of Traffic Numbers (TFNs) Associated With Activated CON	DLP-559
3	404	At CMS Channel, Obtain Printout of CMS 404 Display	DLP-581
4		If Not Already Obtained, or if Already Obtained and No Writing Space Remains on 4ESS SWITCH RECENT CHANGE LOG SHEET , Obtain Blank Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET	DLP-598
5		On Copy of 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 6 Through 8, Complete Those Entries To Add Trunk to Existing VFL TSG	-
6		Assign RC Order Number (ORNU) for RC Worksheet Form 204	DLP-561
7		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ADDS TRUNK TO INTERNATIONAL VFL TSG (CIN of TSG)	-
8		Under Column Heading RCDM WORK SHEET , Enter 204	-
9		Obtain Blank Copy of RC Worksheet Form 204, and Using Steps 10 Through 17, Complete Those Entries on RC Worksheet Form 204	-
10		Following RC:TRK;NEW;OPT(VFL) , Enter ACT	-
11		Following ORNU , Enter Assigned ORNU	-
12	404	Following TSG, Enter TSG Circuit Identification Name (CIN) From Printout of CMS 404 Display for Activated CON, or Obtain From 961 Report	DLP-562
13	404	Following D1D2 , Enter N	-
14	404	Following TERM , Enter Terminal Number (0-255) From Printout of CMS 404 Display	DLP-588
15		Under FTFN , Enter Lowest Traffic Number (TFN) in Activated CON	-
16		Under TAN , Enter TAN Associated With First TFN (FTFN)	-
17		Under FCHAN , Leave Entry Blank	-
18		If There Are Still TFNs To Be Assigned, Repeat From Step 5 for Next Lowest TFN in Activated CON	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

19		At RCDT, Activate Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 204 (OP:RCFORM 204!)	DLP-574
20		Verify Current Translations Data To Add Trunk to VFL TSG (VER:TRK:TAN a!)	DLP-583
21		Select Next RC Worksheet Form 204 and Repeat From Step 19 Until All RCDMs Have Been Entered and Verified	-
22		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
23		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
24	350	Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned	DLP-579
25		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
26		Collect All RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
27		Dispose of or File RC Worksheets per Local Procedure	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1		Obtain Blank CCIS CUTOVER AND/OR CONVERSION SCRATCH SHEET (Scratch Sheet)	DLP-531
2		Obtain CMS 961 Report (CMS 206 Worklist Sorted by Due Date)	DLP-600
3	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
4		Using Information From CMS 961 Report, and Steps 5 Through 8, Make Entries for These Steps on Scratch Sheet	—
5		Following MF TG CIN: , Enter TG Circuit Identification Name (CIN) for Activated CON	—
6		Following EARLIEST ITEM DUE DATE: , Enter Earliest Item Due Date for Activated CON	DLP-532
7		Under Column Heading CON , Enter First CON for Designated TG	DLP-533
8		Under Column Heading TRAFFIC NO. (TFN) , Enter TFN Associated With First CIN Listed	DLP-516
9	250	Enter Circuit Order Action Code(s) (D, A, or D/A) Onto Scratch Sheet	DLP-535
10		If Action Code A Only, Do Steps 11 and 12 To Make Those Entries on Scratch Sheet	—
11	403	Under Column Heading ICL (dB) , Enter Inserted Connection Loss (ICL)	DLP-517
12	404	Under Column Heading FACILITY , Enter Associated Facility	DLP-534
13	121/ITEM	If Action Code D/A, Activate First Item With Action Code A	DLP-594
14		If Action Code D/A, Do Steps 15 and 16 to Make Those Entries on Scratch Sheet	—
15	403	Under Column Heading ICL (dB) , Enter Inserted Connection Loss (ICL)	DLP-517
16	404	Under Column Heading FACILITY , Enter Associated Facility	DLP-534
17	404	If Action Code D Only, on Scratch Sheet Under Column Heading FACILITY , Enter Associated Facility	DLP-534
18	121/ITEM	If There Are More Than 12 Circuits With Same Action Code in Activated CON, Activate First Item in Next Group of 12 Circuits With Same Code in CMS	DLP-515
19		If There Are More Than 12 Circuits With Same Action Code in Activated CON, and Using Steps 20 Through 23, Make Those Entries on Scratch Sheet	—
20		Repeat CON and Action Code Entry on Next Line Under Appropriate Heading	—
21		Under Column Heading TRAFFIC NO. (TFN) , Enter TFN of Activated Item	—

CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS CUTOVER/CONVERSION)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

22	403	If Action Code For Activated Item Is A, Under Column Heading ICL (dB) , Enter Inserted Connection Loss (ICL) of Activated Item	DLP-517
23	404	Under Column Heading FACILITY , Enter Associated Facility of Activated Item	DLP-534
24		Repeat From Step 18 for Next Group of 12 Circuits With Same Action Code	—
25	120/CON	If Additional CONs Are Listed Under TRUNK GROUP on CMS 961 Report, Activate Next CON in CMS	DLP-558
26		If Additional CONs Are Listed Under TRUNK GROUP on CMS 961 Report, and Using Steps 27 and 28, Make Those Entries on Scratch Sheet	—
27		Under Column Heading CON , Enter Activated CON Number	—
28		Under Column Heading TRAFFIC NO. (TFN) , Enter TFN Associated With First CIN Listed	DLP-516
29		If Additional CONs Are Listed Under TRUNK GROUP on CMS 961 Report, Repeat From Step 9	—
30		If Any CON on Scratch Sheet Has Only an Action Code of D or A (Not D/A), Enter W-W CONs on Scratch Sheet in WORK-WITH CON(s) Column	DLP-536
31		At Recent Change Record Channel (RCREC), Obtain Printout of Traffic Number Blocks (TFNBs) Assigned to Trunk Subgroups (TSGs) in TG (VER:TFNB:TG a! Where a = MF TG CIN)	DLP-587
32		Identify TSG CIN of First CON on Scratch Sheet With Action Code of D	—
33		At Recent Change Display Terminal (RCDT), Obtain Display of MF TSG Characteristics (VER:TSG:CIN a! Where a = MF TSG CIN)	DLP-557
34		Determine Pseudo TSG CIN, TFNBs and Associated Quantity of TFNs (QTFNs)	DLP-514
35		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 36 and 37, Complete Recent Change (RC) Log Sheet Entries To Establish Pseudo TSG in Current Translations	DLP-598
36		Assign RC Order Number (ORNU) for RC Worksheet Form 100, 101, or 102	DLP-561
37		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ESTABLISHES (2W, 1WI, or 1WO) PSEUDO TSG (CIN of Pseudo TSG)	—
38		From Displayed MF TSG Characteristics, on Appropriate RC Worksheet, Complete Entries To Establish Pseudo TSG Based on Direction of Pulsing: A. Two-Way (2W) (Form 100)	DLP-538

CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS CUTOVER/CONVERSION)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

38 (Contd)	B. One-Way Incoming (1WI) (Form 101)	DLP-539
	C. One-Way Outgoing (1W0) (Form 102)	DLP-540
39	On 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading RCDM WORK SHEET , Enter Appropriate RC Worksheet Form Number (100, 101, or 102)	—
40	At RCDT, Activate Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 100, 101, or 102 (OP:RCFORM a! Where a = Form Number 100, 101, or 102)	DLP-574
41	If MF TSG TFNB Printout Contained More Than One TFNB, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 42 Through 44, Complete RC Log Sheet Entries To Add Additional TFNB to Pseudo TSG	—
42	Assign RC ORNU for RC Worksheet Form 104	DLP-561
43	Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ADDS ADDITIONAL TFNB TO PSEUDO TSG (CIN of Pseudo TSG)	—
44	Under Column Heading RCDM WORK SHEET , Enter 104	—
45	Complete Entries on Blank Copy of RC Worksheet Form 104	DLP-564
46	If There Are Additional TFNBs To Be Added, Repeat From Step 41	—
47	At RCDT, Activate Trunk Type RCDMs From RC Worksheet Form(s) 104 (OP:RCFORM 104!)	DLP-574
48	For Type of TSG Entered, Verify Current Translations Data (VER:TSG:CIN a! Where a = Pseudo TSG CIN) for Establishing:	
	A. 2W Pseudo TSG	DLP-575
	B. 1WI Pseudo TSG	DLP-576
	C. 1W0 Pseudo TSG	DLP-577
49	If Additional TFNBs Were Added to Pseudo TSG, Verify Current Translations Data for Addition of TRNBs to TSG (VER:TFNB:TG a! Where a = TG CIN)	DLP-513
50	On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE – ACT and VERIFY – MAC Columns for RCDMs Entered and Verified	—

CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS CUTOVER/CONVERSION)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

51	On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 52 Through 54, Complete RC Log Sheet Entries To Delete Pseudo TSG	-
52	Assign RC ORNU for RC Worksheet Form 106	DLP-561
53	Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter DELETES (2W, 1WI, or 1WO) PSEUDO TSG (CIN of Pseudo TSG)	-
54	Under Column Heading RCDM WORK SHEET , Enter 106	-
55	Complete Entries on Blank Copy of RC Worksheet Form 106	DLP-541
56	At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 106 Into Buffer Memory (OP:RCFORM 106!)	DLP-551
57	In Step 31, If Additional TSGs Are Listed on TFNB Printout, Then Do Steps 58 and 59	-
58	Identify CIN of Next TSG	-
59	Repeat From Step 34 for Identified TSG	-
60	Obtain Display of Routing Data Block Indexes (RDBIs) for RDBs Containing First 2W or 1WO TSG (VER:RDBLIST;ALL:TSG a! Where a = MF TSG CIN)	DLP-542
61	On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 62 Through 64, Complete RC Log Sheet Entries To Add 2W or 1WO Pseudo to Existing RDBs	-
62	Assign RC ORNU for RC Worksheet Form 513	DLP-561
63	Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ADDS (2W or 1WO) PSEUDO TSG (CIN of Pseudo TSG) TO EXISTING RDBs	-
64	Under Column Heading RCDM WORK SHEET , Enter 513	-
65	Complete Entries on Blank Copy of RC Worksheet Form 513	DLP-543
66	If All Numeric RDBI Entries Have Not Been Entered on RC Worksheet Form 513, Repeat From Step 61	-
67	At RCDT, Enter Trunk Type RCDMs From RC Worksheets Form 513 Into Current Translations (OP:RCFORM 513!)	DLP-574
68	Verify Current Translations Data To Add Pseudo TSG to Existing Routing Data Blocks (RDBs) (VER:RDBLIST;ALL:TSG a! Where a = CIN of Pseudo TSG)	DLP-518

CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS CUTOVER/CONVERSION)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

69	On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE – ACT and VERIFY – MAC Columns for RCDMs Entered and Verified	–
70	On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 71 Through 73, Complete RC Log Sheet <i>Entries to Delete 2W or 1W0 Pseudo TSG From RDBs</i>	–
71	Assign RC ORNU for RC Worksheet Form 514	DLP-561
72	Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (2W or 1W0) PSEUDO TSG (CIN of Pseudo TSG) FROM RDBs</i>	–
73	Under Column Heading RCDM WORK SHEET , Enter <i>514</i>	–
74	Complete Entries on Blank Copy of RC Worksheet Form 514	DLP-544
75	If More Than One RC Worksheet Form 513 Was Completed in Steps 65 and 66, Repeat (Likewise) From Step 70 as Required	–
76	At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 514 Into Buffer Memory (OP:RCFORM 514!)	DLP-551
77	If Additional 2W or 1W0 TSGs Are Listed on TFNB Printout, Do Steps 78 Through 80	–
78	Identify CIN of Next 2W or 1W0 TSG	–
79	Obtain Display of RDBIs for RDBs Containing Identified TSG (VER:RDBLIST;ALL:TSG a! Where a = Pseudo TSG CIN)	DLP-542
80	Repeat From Step 61 for Identified TSG	–
81	If MF TSGs Are Contained on Any Active Traffic and Plant Measurement Report(s) (Report Numbers 1 Through 23), Add Associated Pseudo TSGs to Report(s)	DLP-519
82	Inform Network Manager of Addition of Pseudo TSGs to Active Reports	–
83	Identify First Pseudo TSG Established	–
84	At RCDT, Obtain Display of MF TSG Characteristics (VER:TSG:CIN a! Where a = MF TSG CIN) (Not Pseudo TSG CIN)	DLP-557
85	On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 86 Through 88, Complete RC Log Sheet Entries To Add Trunks to Corresponding Pseudo TSG	–
86	Assign RC ORNU for RC Worksheet Form 200	DLP-561

CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS CUTOVER/CONVERSION)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

87		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS (2W, 1WI, or 1WO) TRUNKS TO PSEUDO TSG</i> (CIN of Pseudo TSG)	—
88		Under Column Heading RCDM WORK SHEET , Enter <i>200</i>	—
89		Complete Entries on Blank Copy of RC Worksheet Form 200	DLP-528
90		On 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs on RC Worksheet Form 200	—
91		If All TFNs for TSG Have Not Been Entered on RC Worksheet Form 200, Repeat From Step 85	—
92		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 93 Through 95, Complete RC Log Sheet Entries To Delete Trunks From First MF TSG Listed on TFNB Printout	—
93		Assign RC ORNU for RC Worksheet Form 202	DLP-561
94		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (2W, 1WI, or 1WO) TRUNKS FROM MF TSG</i> (CIN of MF TSG)	—
95		Under Column Heading RCDM WORK SHEET , Enter <i>202</i>	—
96		Complete Entries on Blank Copy of RC Worksheet Form 202	DLP-545
97		On 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs on RC Worksheet Form 202	—
98		If All TFNs To Be Deleted From MF TSG Have Not Been Entered on RC Worksheet Form 202, Repeat From Step 92	—
99		From Completed RC Worksheet Forms 202 and 200, Select a Single Delete Worksheet and Its Associated Add Worksheet	—
100		Request TOC to Circuit Administrative Disable (CAD/DSA) Trunks Listed on Delete Worksheet (Form 202) and To Advise When Trunks Are Traffic — Idle	—
101		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 202 Into Activated State (OP:RCFORM 202!)	DLP-574
102		Verify Current Translations Data To Delete Trunks From MF TSG (VER:TSG:CIN a! Where a = MF TSG CIN)	DLP-520
103		Enter Trunk Type RCDM From RC Worksheet Form 200 Into Activated State (OP:RCFORM 200!)	DLP-574

CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS CUTOVER/CONVERSION)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

104		Verify Current Translations Data To Add Trunks to Corresponding Pseudo TSG (<i>VER:TRK:TAN a!</i> Where a = TAN Assignment, or <i>VER:TRK:TAN a-b!</i> Where b = Last TAN in Range of TANS To Be Verified)	DLP-521
105		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE – ACT and VERIFY – MAC Columns for RCDMs Entered and Verified	–
106		Request TOC To Test and Activate Trunks Listed on Add Worksheet (Form 200)	–
107		After TOC Has Activated Trunks, Repeat From Step 99 for Next Set of Delete and Add Worksheets Until All RCDMs for TSG Have Been Entered Into Current Translations and Verified	–
108		Notify TOC That Established Pseudo TSG Is Presently Servicing Traffic Previously Serviced by MF TSG	–
109		Obtain Display of MF TSG Characteristics (<i>VER:TSG:CIN a!</i> Where a = MF TSG CIN)	DLP-557
110		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 111 and 112, Complete RC Log Sheet Entries To Change Characteristics of MF TSG to CCS TSG	–
111		Assign RC ORNU for Appropriate RC Worksheet Form 107, 108, or 109	DLP-561
112		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>CHANGE</i> <i>CHARACTERISTICS OF (2W, 1WI, or 1WO) MF TSG (CIN of MF TSG) TO</i> <i>(2W, 1WI, or 1WO) CCIS TSG (CIN of CCS TSG)</i>	–
113		Obtain Copy of RC Worksheet Form 107, 108, or 109 and, From Displayed MF TSG Characteristics, Complete Entries on RC Worksheet Form 107, 108, or 109 Based on Direction of Pulsing:	–
		A. 2W (Form 107)	DLP-546
		B. 1WI (Form 108)	DLP-547
		C. 1WO (Form 109)	DLP-548
114		On 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading RCDM WORK SHEET , Enter Appropriate RC Worksheet Number	–
115		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 107, 108, or 109 Into Activated State (<i>OP:RCFORM a!</i> Where a = Form Number 107, 108, or 109)	DLP-574

**CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS
CUTOVER/CONVERSION)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

116	For Type of MF TSG Changed, Verify Current Translations Data (VER:TSG:CIN a! Where a = CCS TSG CIN) Changing MF:	-
	A. 2W TSG Characteristics to CCS	DLP-522
	B. 1WI TSG Characteristics to CCS	DLP-523
	C. 1WO TSG Characteristics to CCS	DLP-524
117	On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
118	List TFNs, Trunk Appearance Numbers (TANs), CCS Label Assignments and Identify Complete and Incomplete Minimodules	DLP-529
119	If Same TANs Are To Be Used, at RCDT, Obtain Display of Pseudo TSG Characteristics (VER:TSG:CIN a! Where a = Pseudo TSG CIN)	DLP-557
120	On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 121 Through 123, Complete RC Log Sheet Entries To Add Trunks to CCS TSG	-
121	Assign RC ORNU for RC Worksheet Form 203	DLP-561
122	Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS (2W, 1WI, or 1WO) TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	-
123	Under Column Heading RCDM WORK SHEET , Enter <i>203</i>	-
124	Complete Entries on RC Worksheet Form 203	DLP-556
125	On 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs on RC Worksheet Form 203	-
126	If All TFNs for TSG Have Not Been Entered on RC Worksheet Form 203, Repeat From Step 120	-
127	If Same TANs Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 128 Through 130, Complete RC Log Sheet Entries To Delete Trunks From Pseudo TSG	-
128	Assign RC ORNU for RC Worksheet Form 202	DLP-561
129	Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (2W, 1WI, or 1WO) TRUNKS FROM PSEUDO TSG</i> (CIN of Pseudo TSG)	-

**CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS
CUTOVER/CONVERSION)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

130		Under Column Heading RCDM WORK SHEET , Enter <i>202</i>	—
131		Complete Entries on Blank Copy of RC Worksheet Form 202	DLP-597
132		On 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs From RC Worksheet Form 202	—
133		If All TFNs for TSG Have Not Been Entered on RC Worksheet Form 202, Repeat From Step 128	—
134		If Same TANs Are To Be Used, at RCDT, Enter Trunk Type RCDMs From RC Worksheet Forms 202 and 203 Into Buffer Memory (OP:RCFORM a! Where a = Form Number 202, or 203)	DLP-551
135		If New TANs Are To Be Used, at RCDT, Obtain Display of Pseudo TSG Characteristics (VER:TSG:CIN a! Where a = Pseudo TSG CIN)	DLP-557
136		If New TANs Are To Be Used, On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 137 Through 139, Complete RC Log Sheet Entries To Add Trunks to CCS TSG	—
137		Assign RC ORNU For RC Worksheet Form 203	DLP-561
138		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter ADDS (2W, 1WI, or 1WO) TRUNKS TO CCIS TSG (CIN of CCS TSG)	—
139		Under Column Heading RCDM WORK SHEET , Enter <i>203</i>	—
140		If New TANs Are To Be Used, Complete Entries on Blank Copy of RC Worksheet Form 203	DLP-556
141		If New TANs Are To Be Used, On 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs From RC Worksheet Form 203	—
142		If New TANs Are To Be Used, and if All TFNs for TSG Have Not Been Entered on RC Worksheet Form 203, Repeat From Step 136	—
143		If New TANs Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 144 Through 146, Complete RC Log Sheet Entries to Delete Trunks From Pseudo TSG Associated With First TSG Listed on TFNB Printout	—
144		Assign RC ORNU for RC Worksheet Form 202	DLP-561
145		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter DELETES (2W, 1WI, or 1WO) TRUNKS FROM PSEUDO TSG (CIN of Pseudo TSG)	—
146		Under Column Heading RCDM WORK SHEET , Enter <i>202</i>	—

CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS CUTOVER/CONVERSION)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

147		If New TANs Are To Be Used, Complete Entries on Blank Copy of RC Worksheet Form 202	DLP-597
148		If New TANs Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs From RC Worksheet Form 202	-
149		If New TANs Are To Be Used, and if All TFNs for TSG Have Not Been Entered on RC Worksheet Form 202, Repeat From Step 143	-
150		At RCDT, Enter Trunk Type RCDMs From RC Worksheet Form 203 Into Activate State (OP:RCFORM 203!)	DLP-574
151		Verify Current Translations Data To Add Trunks to CCS TSG (VER:TRK;TAN a! Where a = TAN Assignment, or VER:TRK:TAN a-b! Where b = Last TAN in Range of TANs To Be Verified)	DLP-521
152		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
153		At RCDT, Enter Trunk Type RCDMs From RC Worksheet Form 202 Into Buffer Memory (OP:RCFORM 202!)	DLP-551
154		If Additional TSGs Are Listed on TFNB Printout, Do Steps 155 and 156	-
155		Identify CIN of Next TSG	-
156		Repeat From Step 84 for Identified TSG	-
157	120	Update MAC Circuit Order Status in CMS to Completed (CPD) for CONs Assigned to TSG	DLP-537
158		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
159		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
160		Collect All Test State RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-
161		Dispose of or File All RC Worksheets per Local Procedure	-

CHANGE MF TSG CHARACTERISTICS IN TG TO CCS (CCS CUTOVER/CONVERSION)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1		For Trunks Due on Date Specified by TOC, Locate Sets of Sequence Numbers by Due Date (Julian Date) on 4ESS SWITCH RECENT CHANGE LOG SHEETS Described as <i>DELETES (2W, 1WI, or 1WO) TRUNKS FROM PSEUDO TSG</i> (CIN of Pseudo TSG), and <i>ADDS (2W, 1WI, or 1WO) TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	-
2		Select Single Delete Sequence Number and Its Associated Add Sequence Number by Matching TFNs in REMARKS Column of Log Sheet	-
3		Request TOC to Circuit Administrative Disable (CAD/DSA) Trunks Listed for Delete RCDM and to Advise When Trunks Are Traffic-Idle	-
4		At Recent Change Display Terminal (RCDT), Activate ORNU To Delete Trunks From Pseudo TSG in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
5		Verify Current Translations Data To Delete Trunks From Pseudo TSG (VER:TSG:CIN a! Where a = CIN Of Pseudo TSG)	DLP-520
6		Activate ORNU To Add Trunks To CCS TSG in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
7		Verify Current Translations Data To Add Trunks to CCS TSG (VER:TRK:TAN a! Where a = TAN Assignment, or VER:TRK:TAN a-b! Where a = First and b = Last TAN in Range of TANS To Be Verified)	DLP-525
8		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	DLP-598
9		If All Trunks Have Been Deleted From Pseudo TSG and Added to CCS TSG, Do Steps 10 Through 24, Unless Condition in Those Steps Directs Otherwise	-
10		If Pseudo TSG Is One-Way Incoming (1WI), Go to Step 16	-
11		Locate Sequence Numbers by Julian Date on 4ESS SWITCH RECENT CHANGE LOG SHEETS Described as <i>DELETES (2W or 1WO) PSEUDO TSG</i> (CIN of Pseudo TSG) <i>FROM RDBs</i>	-
12		Request That Network Manager Release All Controls on Pseudo TSG	-
13		At RCDT, Activate ORNU To Delete TSG From RDBs in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

14	Verify Current Translations Data To Delete Pseudo TSG From Routing Data Blocks (RDBs) (VER:RDBLIST;ALL:TSG a! Where a = Pseudo TSG CIN)	DLP-526
15	On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE – ACT and VERIFY – MAC Columns for RCDMs Entered and Verified	–
16	Determine If Pseudo TSG Is on Any Active Traffic and Plant Measurements Report(s) (Reports 1 Through 23). If So, Delete Pseudo TSG From Traffic and Plant Measurement Report(s) (SCHED:MEASREPT a;DLT:TSG b! Where a = Number of Report Being Processed in Range of 1 Through 23, and b = TSG CIN To Be Deleted)	DLP-530
17	Locate Sequence Numbers by Julian Date on 4ESS SWITCH RECENT CHANGE LOG SHEETS Described as DELETES (2W, 1WI, or 1WO) PSEUDO TSG (CIN of Pseudo TSG)	–
18	At RCDT, Activate ORNU To Delete Pseudo TSG in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
19	Verify Current Translations Data To Delete Pseudo TSG (VER:TSG:CIN a! Where a = TSG CIN To Be Deleted)	DLP-527
20	On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE – ACT and VERIFY – MAC Columns for RCDMs Entered and Verified	–
21	Inform Network Manager of TSG Deletion	–
22	Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	–
23	If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
24	Collect All Test State RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	–

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1		For Trunks Due on Date Specified by TOC, Locate Sets of Sequence Numbers by Due Date (Julian Date) on 4ESS SWITCH RECENT CHANGE LOG SHEETS Described as <i>DELETES (2W, 1WI, or 1WO) TRUNKS FROM PSEUDO TSG</i> (CIN of Pseudo TSG)	—
2		Select Single Delete Sequence Number	—
3		Request TOC to Circuit Administrative Disable (CAD/DSA) Trunks Listed for Delete RCDM and To Advise When Trunks Are Traffic-Idle	—
4		At Recent Change Display Terminal (RCDT), Activate ORNU To Delete Trunks From Pseudo TSG in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
5		Verify Current Translations Data To Delete Trunks From Pseudo TSG (VER:TSG:CIN a! Where a = CIN Of Pseudo TSG)	DLP-520
6		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE — ACT and VERIFY — MAC Columns for RCDMs Entered and Verified	DLP-598
7		If All Trunks Have Been Deleted From Pseudo TSG and Added to CCS TSG, Do Steps 8 Through 22, Unless Condition in Those Steps Directs Otherwise	—
8		If Pseudo TSG Is One-Way Incoming (1WI), Go to Step 14	—
9		Locate Sequence Numbers by Julian Date on 4ESS SWITCH RECENT CHANGE LOG SHEETS Described as <i>DELETES (2W or 1WO) PSEUDO TSG</i> (CIN of Pseudo TSG) <i>FROM RDBs</i>	—
10		Request That Network Manager Release All Controls on Pseudo TSG	—
11		At RCDT, Activate ORNU To Delete TSG From RDBs in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
12		Verify Current Translations Data To Delete Pseudo TSG From Routing Data Blocks (RDBs) (VER:RDBLIST;ALL:TSG a! Where a = Pseudo TSG CIN)	DLP-526
13		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE — ACT and VERIFY — MAC Columns for RCDMs Entered and Verified	—
14		Determine If Pseudo TSG Is on Any Active Traffic and Plant Measurement Report(s) (Reports 1 Through 23). If So, Delete TSG From Report(s) (SCHED:MEASREPT a;DLT:TSG b! Where a = Number of Report Being Processed in Range of 1 Through 23, and b = TSG To Be Deleted)	DLP-530

DELETE PSEUDO TSG AND ASSOCIATED TRUNKS AFTER CONVERSION OF CCS TRUNKS (NEW TANs USED)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

15		Locate Sequence Numbers by Julian Date on 4ESS SWITCH RECENT CHANGE LOG SHEETS Described as <i>DELETES (2W, 1WI, or 1WO) PSEUDO TSG</i> (CIN of Pseudo TSG)	-
16		At RCDT, Activate ORNU To Delete Pseudo TSG in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
17		Verify Current Translations Data To Delete Pseudo TSG (VER:TSG:CIN a! Where a = TSG CIN To Be Deleted)	DLP-527
18		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
19		Inform Network Manager of TSG Deletion	-
20		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
21		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
22		Collect All Test State RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-

DELETE PSEUDO TSG AND ASSOCIATED TRUNKS AFTER CONVERSION OF CCIS TRUNKS (NEW TANS USED)

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1		Obtain Blank CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET (Scratch Sheet)	DLP-531
2		Obtain CMS 961 Report (CMS 206 Worklist Sorted by Due Date)	DLP-600
3	120/CON	If Not Already Activated, Activate Selected CON in CMS	DLP-558
4		Using Information From CMS 961 Report, and Steps 5 Through 7, Make Entries for Those Steps on Scratch Sheet	—
5		Following EARLIEST ITEM DUE DATE: , Enter Earliest Item Due Date for Activated CON	DLP-532
6		Under Column Heading CON , Enter First CON for Designated TG	DLP-533
7		Under Column Heading TRAFFIC NO. (TFN) , Enter TFN Associated With First CIN Listed	DLP-516
8	250	Enter Circuit Order Action Code (D, A, or D/A) Onto Scratch Sheet	DLP-535
9		If Action Code A, Using Steps 10 Through 12, Make Entries for Those Steps on Scratch Sheet	—
10		Following CCS TG CIN: , Enter TG Circuit Identification Name (CIN) To Be Added	—
11	403	Under Column Heading ICL (dB) , Enter Inserted Connection Loss (ICL)	DLP-517
12	404	Under Column Heading FACILITY , Enter Associated Facility	DLP-534
13		If Action Code D/A, on Scratch Sheet, Do Steps 14 Through 18	—
14		Following MF TG CIN: , Enter TG CIN To Be Deleted	—
15		Following CCS TG CIN: , Enter Work-With (W-W) TG CIN To Be Added	DLP-552
16	121/ITEM	Activate First Item With Action Code A (Identified on Displayed CMS Form 250)	DLP-594
17	403	Under Column Heading ICL (dB) , Enter Inserted Connection Loss (ICL)	DLP-517
18	404	Under Column Heading FACILITY , Enter Associated Facility	DLP-534
19		If Action Code D, on Scratch Sheet, Do Steps 20 and 21	—
20		Following MF TG CIN: , Enter TG CIN To Be Deleted	—
21	404	Under Column Heading FACILITY , Enter Associated Facility	DLP-534
22	121/ITEM	If There Are More Than 12 Circuits With Same Action Code in Activated CON, Activate First Item in Next Group of 12 Circuits With Same Action Code in CMS	DLP-515

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

23		If There Are More Than 12 Circuits With Same Action Code in Activated CON, and Using Steps 24 Through 28, Make Those Entries on Scratch Sheet	-
24		Repeat CON and Action Code Entry on Next Line Under Appropriate Heading	-
25		Under Column Heading TRAFFIC NO. (TFN) , Enter TFN of Activated Item	-
26	403	If Action Code for Activated Item Is A, Under Column Heading ICL(dB) , Enter Inserted Connection Loss (ICL) of Activated Item	DLP-517
27	404	Under Column Heading FACILITY , Enter Associated Facility of Activated Item	DLP-534
28		Repeat From Step 22 for Next Group of 12 Circuits With Same Action Code	-
29	121/CON	If Additional CONs Are Listed Under TRUNK GROUP on CMS 961 Report, Activate Next CON in CMS	DLP-558
30		If Additional CONs Are Listed Under TRUNK GROUP on CMS 961 Report, and Using Steps 31 Through 33, Make Those Entries on Scratch Sheet	-
31		Under Column Heading CON , Enter Activated CON Number	-
32		Under Column Heading TRAFFIC NO. (TFN) , Enter TFN Associated With First CIN Listed	DLP-516
33		Repeat From Step 8	-
34		If Any CON on Scratch Sheet Has Only an Action Code of A or D (Not D/A), Enter Work-With (W-W) TG CIN of W-W CON Onto Header of Scratch Sheet Following MF TG CIN: or CCS TG CIN:	DLP-552
35	120/CON	Activate First W-W CON in CMS	DLP-558
36		From CMS 961 Report (for W-W TG), and Using Steps 37 and 38, Enter Those Entries on Scratch Sheet	-
37		Under Column Heading CON , Enter First CON for Designated TG	DLP-533
38		Under Column Heading TRAFFIC NO. (TFN) , Enter TFN Associated With First CIN Designated for W-W TG	DLP-516
39	250	Enter Circuit Order Action Code D or A (Not D/A) for W-W CON Onto Scratch Sheet	DLP-535
40		If Action Code A, Based on W-W CON Action Code and Using Steps 41 and 42, Make Those Entries on Scratch Sheet	-
41	403	Under Column Heading ICL (dB) , Enter Inserted Connection Loss (ICL)	DLP-517

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

42	404	Under Column Heading FACILITY , Enter Associated Facility	DLP-534
43	404	If Action Code D, on Scratch Sheet Under Column Heading FACILITY , Enter Associated Facility	DLP-534
44	121/ITEM	If There Are More Than 12 Circuits With Same Action Code in Activated W-W CON, Activate First Item in Next Group of 12 Circuits With Same Action Code in CMS	DLP-515
45		If There Are More Than 12 Circuits With Same Action Code in Activated W-W CON, and Using Steps 46 Through 49, Make Those Entries on Scratch Sheet	-
46		Repeat CON and Action Code Entry on Next Line Under Appropriate Heading	-
47		Under Column Heading TRAFFIC NO. (TFN) , Enter TFN of Activated Item	-
48	403	If Action Code for Activated Item Is A, Under Column Heading ICL(dB) , Enter Inserted Connection Loss (ICL) of Activated Item	DLP-517
49	404	Under Column Heading FACILITY , Enter Associated Facility of Activated Item	DLP-534
50		Repeat From Step 44 for Next Group of 12 Circuits With Same Action Code	-
51	120/CON	If Additional W-W CONs Are Listed Under TRUNK GROUP on CMS 961 Report, Activate Next CON in CMS	DLP-558
52		If Additional W-W CONs Are Listed Under TRUNK GROUP on CMS 961 Report, and Using Steps 53 and 54, Make Those Entries on Scratch Sheet	-
53		Under Column Heading CON , Enter Activated CON Number	-
54		Under Column Heading TRAFFIC NO. (TFN) , Enter TFN Associated With First CIN Listed	DLP-516
55		Repeat From Step 39	-
56		If Any CON on Scratch Sheet Has Only Action Code of D or A (Not D/A), Enter W-W CONs on Scratch Sheet in WORK-WITH CON(s) Column	DLP-536
57		At Recent Change Record Channel (RCREC), Obtain Printout of Traffic Number Blocks (TFNBs) Assigned to Trunk Subgroups (TSGs) in TG (VER:TFNB:TG a! Where a = MF TG CIN)	DLP-587
58		Identify TSG CIN of First CON on Scratch Sheet With Action Code of D	-
59		At Recent Change Display Terminal (RCDT), Obtain Display of MF TSG Characteristics (VER:TSG:CIN a! Where a = MF TSG CIN)	DLP-557

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

60		Determine Type of TSG Required, Two-Way (2W), One-Way Incoming (1WI), or One-Way Outgoing (1WO) From Header of Displayed MF TSG Characteristics	-
61		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 62 and 63, Complete Recent Change (RC) Log Sheet Entries To Establish CCS TSG in Current Translations	DLP-598
62		Assign RC ORNU for Appropriate RC Worksheet Form 100, 101, or 102	DLP-561
63		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ESTABLISHES</i> (2W, 1WI, or 1WO) <i>CCIS TSG</i> (CIN of CCS TSG)	-
64		From Displayed MF TSG Characteristics, Complete Entries on Blank Copy of RC Worksheet Form Based on Direction of Pulsing:	
		A. 2W (Form 100)	DLP-553
		B. 1WI (Form 101)	DLP-554
		C. 1WO (Form 102)	DLP-555
65		On 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading RCDM WORK SHEET , Enter Appropriate RC Worksheet Form Number (100, 101, or 102)	-
66		At RCDT, Activate Trunk Type Recent Change Data Message (RCDM) From RC Worksheet Form 100, 101, or 102 (OP:RCFORM a! Where a = Form Number 100, 101, or 102)	DLP-574
67		If MF TSG TFNB Printout Contained More Than One TFNB, on 4ESS SWITCH RECENT CHANGE LOG SHEET , Using Steps 68 Through 70, Complete RC Log Sheet Entries To Add Additional TFNB to CCS TSG	-
68		Assign RC ORNU for RC Worksheet Form 104	DLP-561
69		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS ADDITIONAL TFNB TO CCIS TSG</i> (CIN of CCS TSG)	-
70		Under Column Heading RCDM WORK SHEET , Enter <i>104</i>	-
71		Complete Entries on Blank Copy of RC Worksheet Form 104	DLP-564
72		If There Are Additional TFNBs To Be Added, Repeat From Step 67	-
73		At RCDT, Activate Trunk Type RCDMs From RC Worksheets Forms 104 (OP:RCFORM 104!)	DLP-574

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

74		For Type of TSG Entered, Verify Current Translations Data (VER:TSG:CIN a! Where a = CCS TSG CIN) for Establishing:	
		A. 2W CCS TSG	DLP-575
		B. 1WI CCS TSG	DLP-576
		C. 1WO CCS TSG	DLP-577
75		If Additional TFNBs Were Added to CCS TSG, Verify Current Translations Data for Addition of TFNBs to TSG (VER:TFNB:TG a! Where a = TG CIN)	DLP-513
76		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE – ACT and VERIFY – MAC Columns for RCDMs Entered and Verified	–
77		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 78 Through 80, Complete RC Log Sheet Entries To Delete MF TSG	–
78		Assign RC ORNU for RC Worksheet Form 106	DLP-561
79		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (2W, 1WI, or 1WO) MF TSG</i> (CIN of MF TSG)	–
80		Under Column Heading RCDM WORK SHEET , Enter <i>106</i>	–
81		Complete Entries on Blank Copy of RC Worksheet Form 106	DLP-541
82		At RCDT, Enter Trunk Type RCDM From RC Worksheet Form 106 Into Buffer Memory (OP:RCFORM 106!)	DLP-551
83		List TFNs, Trunk Appearance Numbers (TANs), CCS Label Assignments, and Identify Complete And Incomplete Minimodules	DLP-529
84		If Same TANs Are To Be Used, at RCDT, Obtain Display of MF TSG Characteristics (VER:TSG:CIN a! Where a = MF TSG CIN)	DLP-557
85		If Same TANs Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 86 Through 88, Complete RC Log Sheet Entries To Add Trunks to CCS TSG	–
86		Assign RC ORNU for RC Worksheet Form 203	DLP-561
87		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS (2W, 1WI, or 1WO) TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	–
88		Under Column Heading RCDM WORK SHEET , Enter <i>203</i>	–

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

89		If Same TANS Are To Be Used, Complete Entries on Blank Copy of RC Worksheet Form 203	DLP-556
90		If Same TANS Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs From RC Worksheet Form 203	-
91		If Same TANS Are To Be Used, and if All TFNs for TSG Have Not Been Entered on RC Worksheet Form 203, Repeat From Step 85	-
92		If Same TANS Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 93 Through 95, Complete RC Log Sheet Entries To Delete Trunks From First MF TSG in TG	-
93		Assign RC ORNU for RC Worksheet Form 202	DLP-561
94		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (2W, 1WI, or 1WO) TRUNKS FROM MF TSG</i> (CIN of MF TSG)	-
95		Under Column Heading RCDM WORK SHEET , Enter <i>202</i>	-
96		If Same TANS Are To Be Used, Complete Entries on Blank Copy of RC Worksheet Form 202	DLP-545
97		If Same TANS Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs From RC Worksheet Form 202	-
98		If Same TANS Are To Be Used, and if All TFNs for TSG Have Not Been Entered on RC Worksheet Form 202, Repeat From Step 92	-
99		If Same TANS Are To Be Used, at RCDT, Enter Trunk Type RCDMs From RC Worksheet Forms 202 and 203 Into Buffer Memory (OP:RCFORM a! Where a = Form Number 202 or 203)	DLP-551
100		If New TANS Are To Be Used, At RCDT, Obtain Display of MF TSG Characteristics (VER:TSG:CIN a! Where a = MF TSG CIN)	DLP-557
101		If New TANS Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 102 Through 104, Complete RC Log Sheet Entries To Add Trunks to CCS TSG	-
102		Assign RC ORNU for RC Worksheet Form 203	DLP-561
103		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS (2W, 1WI, or 1WO) TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	-
104		Under Column Heading RCDM WORK SHEET , Enter <i>203</i>	-
105		If New TANS Are To Be Used, Complete Entries on Blank Copy of RC Worksheet Form 203	DLP-556

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

106		If New TANS Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs From RC Worksheet Form 203	-
107		If New TANS Are To Be Used, and if All TFNs for TSG Have Not Been Entered on RC Worksheet Form 203, Repeat From Step 101	-
108		If New TANS Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 109 Through 111, Complete RC Log Sheet Entries to Delete Trunks From First MF TSG in TG	-
109		Assign RC ORNU for RC Worksheet Form 202	DLP-561
110		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (2W, 1WI, or 1WO) TRUNKS FROM MF TSG</i> (CIN of MF TSG)	-
111		Under Column Heading RCDM WORK SHEET , Enter <i>202</i>	-
112		If New TANS Are To Be Used, Complete Entries on Blank Copy of RC Worksheet Form 202	DLP-545
113		If New TANS Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET Under Column Heading REMARKS , Enter Range of TFNs From RC Worksheet Form 202	-
114		If New TANS Are To Be Used, and if All TFNs for TSG Have Not Been Entered on RC Worksheet Form 202, Repeat From Step 108	-
115		If New TANS Are To Be Used, at RCDT, Activate Trunk Type RCDMs From RC Worksheet Forms 203 (OP:RCFORM 203!)	DLP-574
116		If New TANS Are To Be Used, Verify Current Translations Data To Add Trunks to CCS TSG (VER:TRK:TAN a! Where a = TAN Assignment; or VER:TRK:TAN a-b! Where b = Last TAN in Range of TANS To Be Verified)	DLP-521
117		If New TANS Are To Be Used, on 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
118		If New TANS Are To Be Used, at RCDT, Enter Trunk Type RCDMs From RC Worksheet Forms 202 Into Buffer Memory (OP:RCFORM 202!)	DLP-551
119		If Additional TSGs Are Listed on TFNB Printout, Do Steps 120 and 121	-
120		Identify CIN of Next TSG	-
121		Repeat From Step 44 for Identified TSG	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

122		At RCDT, Obtain Display of Routing Data Block Indexes (RDBIs) for RDBs Containing First MF 2W or 1W0 TSG (VER:RDBLIST;ALL:TSG a! Where a = MF TSG CIN)	DLP-542
123		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 124 Through 126, Complete RC Log Sheet Entries To Add 2W or 1W0 CCS TSG to Existing RDBs	-
124		Assign RC ORNU for RC Worksheet Form 513	DLP-561
125		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>ADDS (2W or 1W0) CCIS TSG (CIN of CCS TSG) TO EXISTING RDBs</i>	-
126		Under Column Heading RCDM WORK SHEET , Enter <i>513</i>	-
127		Complete Entries on Blank Copy of RC Worksheet Form 513	DLP-543
128		If All Numeric RDBI Entries Have Not Been Entered on RC Worksheet Form 513, Repeat From Step 124	-
129		At RCDT, Enter Trunk Type RCDMs From RC Worksheet Form 513 Into Current Translations (OP:RCFORM a! Where a = Form Number 513)	DLP-574
130		Verify Current Translations Data To Add CCS TSG to Existing Routing Data Blocks (RDBs) (VER:RDBLIST;ALL:TSG a! Where a = CIN of CCS TSG)	DLP-518
131		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
132		On 4ESS SWITCH RECENT CHANGE LOG SHEET , and Using Steps 139 Through 141, Complete RC Log Sheet Entries To Delete 2W or 1W0 MF TSG From RDBs	-
133		Assign RC ORNU for RC Worksheet Form 514	DLP-561
134		Under Column Heading DESCRIPTION OF RECENT CHANGE ORDER , Enter <i>DELETES (2W or 1W0) MF TSG (CIN of TSG) FROM RDBs</i>	-
135		Under Column Heading RCDM WORK SHEET , Enter <i>514</i>	-
136		Complete Entries on Blank Copy of RC Worksheet Form 514	DLP-544
137		If More Than One RC Worksheet Form 513 Was Completed, Repeat From Step 139	-
138		At RCDT, Enter Trunk Type RCDMs From RC Worksheet Form 514 Into Buffer Memory (OP:RCFORM a! Where a = Form Number 514)	DLP-551

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

139		If Additional 2W or 1W0 TSGs Are Listed on TFNB Printout, Do Steps 140 Through 142	-
140		Identify CIN of Next 2W or 1W0 TSG	-
141		At RCDT, Obtain Display of RDBIs for RDBs Containing Identified TSG (VER:RDBLIST;ALL:TSG a! Where a = MF TSG CIN)	DLP-542
142		Repeat From Step 123 for Identified TSG	-
143		Update MAC Circuit Order Status in CMS to Completed (<i>CPD</i>) for CONs Assigned to TSGs	DLP-537
144		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
145		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
146		Collect All Test State RCDM Printouts And File in Reinitialization File in Order in Which They Were Entered Into <i>4ESS</i> Switch	-
147		Dispose of or File All RC Worksheets per Local Procedure	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1		For Trunks Due on Date Specified by TOC, Locate Sets of Sequence Numbers by Due Date (Julian Date) on 4ESS SWITCH RECENT CHANGE LOG SHEETS Described as <i>DELETES (2W, 1WI, or 1WO) TRUNKS FROM MF TSG</i> (CIN of MF TSG), and <i>ADDS (2W, 1WI, or 1WO) TRUNKS TO CCIS TSG</i> (CIN of CCS TSG)	–
2		Select Single Delete Sequence Number and Its Associated Add Sequence Number by Matching TFNs in REMARKS Column of Log Sheet	–
3		Request TOC to Circuit Administrative Disable (CAD/DSA) Trunks Listed for Delete RCDM and To Advise When Trunks Are Traffic-Idle	–
4		At Recent Change Display Terminal (RCDT), Activate ORNU to Delete Trunks From MF TSG Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
5		Verify Current Translations Data To Delete Trunks From MF TSG (VER:TSG:CIN a! Where a = MF TSG CIN To Be Deleted)	DLP-520
6		Activate ORNU To Add Trunks to CCS TSG in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
7		Verify Current Translations Data To Add Trunks to CCS TSG (VER:TRK:TAN a! Where a = TAN Assignment, or VER:TRK:TAN a-b! Where a = First and b = Last TAN in Range of TANs To Be Verified)	DLP-525
8		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE – ACT and VERIFY – MAC Columns for RCDMs Entered and Verified	DLP-598
9		If All Trunks Have Been Deleted From MF TSG and Added to CCS TSG, Do Steps 10 Through 24, Unless Condition in Those Steps Directs Otherwise	–
10		If MF TSG Type Is One-Way Incoming (1WI), Go to Step 16	–
11		Locate Sequence Numbers by Julian Date on 4ESS SWITCH RECENT CHANGE LOG SHEET Described as <i>DELETES (2W or 1WO) MF TSG</i> (CIN of MF TSG) <i>FROM RDBs</i>	–
12		Request That Network Manager Release All Controls on MF TSG	–
13		At RCDT, Activate ORNU to Delete MF TSG From RDBs in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550

**TRANSFER TRUNKS FROM MF TSG TO CCS TSG FOR CUTOVER
(SAME TANS USED)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

14	Verify Current Translations Data to Delete MF TSG From Routing Data Blocks (RDBs) (VER:RDBLIST;ALL:TSG a! Where a = MF TSG CIN)	DLP-526
15	On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
16	Determine If MF TSG Is on Any Active Traffic and Plant Measurement Report(s) (Reports 1 Through 23). If So, Delete TSG From Report(s) (SCHED:MEASREPT a;DLT:TSG b! Where a = Number of Report Being Processed In Range of 1 Through 23, and b = TSG CIN To Be Deleted)	DLP-530
17	Locate Sequence Numbers by Julian Date on 4ESS SWITCH RECENT CHANGE LOG SHEET Described as DELETES (2W, 1WI, or 1WO) MF TSG (CIN of MF TSG)	-
18	At RCDT, Activate ORNU to Delete MF TSG in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
19	Verify Current Translations Data To Delete MF TSG (VER:TSG:CIN a! Where a = TSG CIN To Be Deleted)	DLP-527
20	On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
21	Inform Network Manager of TSG Deletion	-
22	Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
23	If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
24	Collect All Test State RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-

**TRANSFER TRUNKS FROM MF TSG TO CCS TSG FOR CUTOVER
(SAME TANS USED)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1		For Trunks Due on Date Specified by TOC, Locate Sets of Sequence Numbers by Due Date (Julian Date) on 4ESS SWITCH RECENT CHANGE LOG SHEETS Described as <i>DELETES (2W, 1WI, or 1WO) TRUNKS FROM MF TSG</i> (CIN of MF TSG)	–
2		Select Single Delete Sequence Number	–
3		Request TOC to Circuit Administrative Disable (CAD/DSA) Trunks Listed for Delete RCDM and to Advise When Trunks Are Traffic-Idle	–
4		At Recent Change Display Terminal (RCDT), Activate ORNU To Delete Trunks From MF TSG in Current Translations (RCTST:ORNU a! Where a = ORNU To Be Advanced)	DLP-549
5		Verify Current Translations Data To Delete Trunks From MF TSG (VER:TSG:CIN a! Where a = MF TSG CIN)	DLP-520
6		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE – ACT and VERIFY – MAC Columns for RCDMs Entered and Verified	DLP-598
7		If All Trunks Have Been Deleted From MF TSG and Added to CCS TSG, Do Steps 8 Through 22, Unless Condition in Those Steps Directs Otherwise	–
8		If MF TSG Type Is One-Way Incoming (1WI), Go to Step 14	–
9		Locate Sequence Numbers by Julian Date on 4ESS SWITCH RECENT CHANGE LOG SHEET Described as <i>DELETES (2W or 1WO) MF TSG</i> (CIN of MF TSG) <i>FROM RDBs</i>	–
10		Request That Network Manager Release All Controls on MF TSG	–
11		At RCDT, Activate ORNUs To Delete MF TSG From RDBs in Current Translations (RCACT:ORNU a! Where a = ORNU To Be Activated)	DLP-550
12		Verify Current Translations Data To Delete MF TSG From Routing Data Blocks (RDBs) (VER:RDBLIST;ALL:TSG a! Where a = MF TSG CIN)	DLP-526
13		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE – ACT and VERIFY – MAC Columns for RCDMs Entered and Verified	–
14		Determine If MF TSG Is on Any Active Traffic and Plant Measurement Report(s) (Reports 1 Through 23). If So, Delete TSG From Report(s) (SCHED:MEASREPT a;DLT:TSG b! Where a = Number of Report Being Processed in Range of 1 Through 23, and b = TSG CIN To Be Deleted)	DLP-530

**DELETE MF TSG AND ASSOCIATED TRUNKS AFTER CUTOVER
OF CCS TRUNKS (NEW TANS USED)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

15		Locate Sequence Numbers by Julian Date on 4ESS SWITCH RECENT CHANGE LOG SHEET Described as DELETES (2W, 1WI, or 1WO) MF TSG (CIN of MF TSG)	-
16		At RCDT, Activate ORNU To Delete MF TSG in Current Translations (RCTST:ORNU a! Where a = ORNU To Be Advanced)	DLP-549
17		Verify Current Translations Data To Delete MF TSG (VER:TSG:CIN a! Where a = TSG CIN To Be Deleted)	DLP-527
18		On 4ESS SWITCH RECENT CHANGE LOG SHEET , Place Check Mark in RCDM STATE - ACT and VERIFY - MAC Columns for RCDMs Entered and Verified	-
19		Inform Network Manager of TSG Deletion	-
20		Obtain Copy of All RCDM Printouts From Recent Change Record Channel (RCREC) Printer	-
21		If Reinitialization File Is Not Available, Establish Reinitialization File	DLP-580
22		Collect All Test State RCDM Printouts and File in Reinitialization File in Order in Which They Were Entered Into 4ESS Switch	-

**DELETE MF TSG AND ASSOCIATED TRUNKS AFTER CUTOVER
OF CCS TRUNKS (NEW TANS USED)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	CMS CODE		
1		At Recent Change Record Channel (RCREC), Obtain Printout of Order Numbers (ORNUs) Entered in Rollback Area (OP:RCRORNU,ALL!)	DLP-584
2		Label Printout <i>ROLLBACK AREA HISTORY</i>	-
3		Obtain Printout of ORNUs in Buffer State (OP:RCBORNU!)	DLP-585
4		Label Printout <i>BUFFER HISTORY</i>	-
5		Instruct MOC To Write Backup Office Data Assembler (ODA) Tape	-
6		Mount Input Recording Device as Follows	
		A. If MTT, at RCREC Magnetic Tape Terminal Control Unit (MTTCU):	
		1. Remove Old Tape Cartridge	DLP-586
		2. Mount New Tape Cartridge	DLP-500
		B. If Floppy Diskette, at RCREC Floppy Diskette:	
		1. Remove Old Floppy Disk	-
	2. Install New Floppy Disk	-	
7		Using ROLLBACK AREA HISTORY Printout (Step 1), Audit Reinitialization File	DLP-501
8		Verify With MOC That Recent Change (RC) Activity Is Enabled	-
9		Retain Old BUF State Tape Cartridge	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

1	Verify TSG Characteristics (VER:TSG:CIN a[,{D1 D2}]!) Where a = Circuit ID Name of TSG, D1 = Order List of Trunks by D1 Channel Number, and D2 = Order List of Trunks by D2 Channel Number	DLP-602
2	Verify TSG Member Assignment (VER:TRK:TANn[-n]!) Where n = Decimal Trunk Appearance Number (TAN) Which Equals NNOPOQQQ, Where NN = TSI (00-63), 0 = Switching Permitting Circuit (0-1), P = Switch Level (0-6), QQQ = First Time Slot (001-120)	DLP-603
3	At MCRT, Verify CCS7 Routing in the CNI Ring (OP:C7NET;ROUTING)	-
4	Coordinate With Far End	-
5	Remove All TSG Members From Service	DLP-604
6	Change MF TSG Signaling Characteristics to CCS7 ISUP Signaling Characteristics and Others Using RC FORM 107 (OP:RCFORM 107!)	DLP-605
7	Verify CCS7 ISUP Signaling Characteristics (VER:TSG:CIN a[,{D1 D2}]!) Where a = CIN of the TSG, D1 = List of Trunks by D1 Channel Number, D2 = List of Trunks by D2 Channel Number	DLP-606
8	Check the I/O Output Response Message to Ensure It Is Desirable. If Not, Repeat Step 7	DLP-606
9	Add All Members Back to TSG Using RC Form 203 and Populate VCR Field	DLP-607
10	Verify TSG Member Assignment (VER:TRK:TANn[-n]!)	DLP-608
11	Check I/O Output Message to Ensure That Members Are Correct	DLP-608
12	Check That Far End Is Ready To Test and Activate Before Proceeding	
13	Test TSG Members for Correctness and Workability	DLP-609
14	Activate TSG Members (SET:TRKSTAT)	DLP-610
15	Proceed to Next TSG	-

**TRANSFER TRUNKS FROM MF TSG TO CCS7 ISUP FOR CUTOVER
(TSG REMOVED FROM SERVICE)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

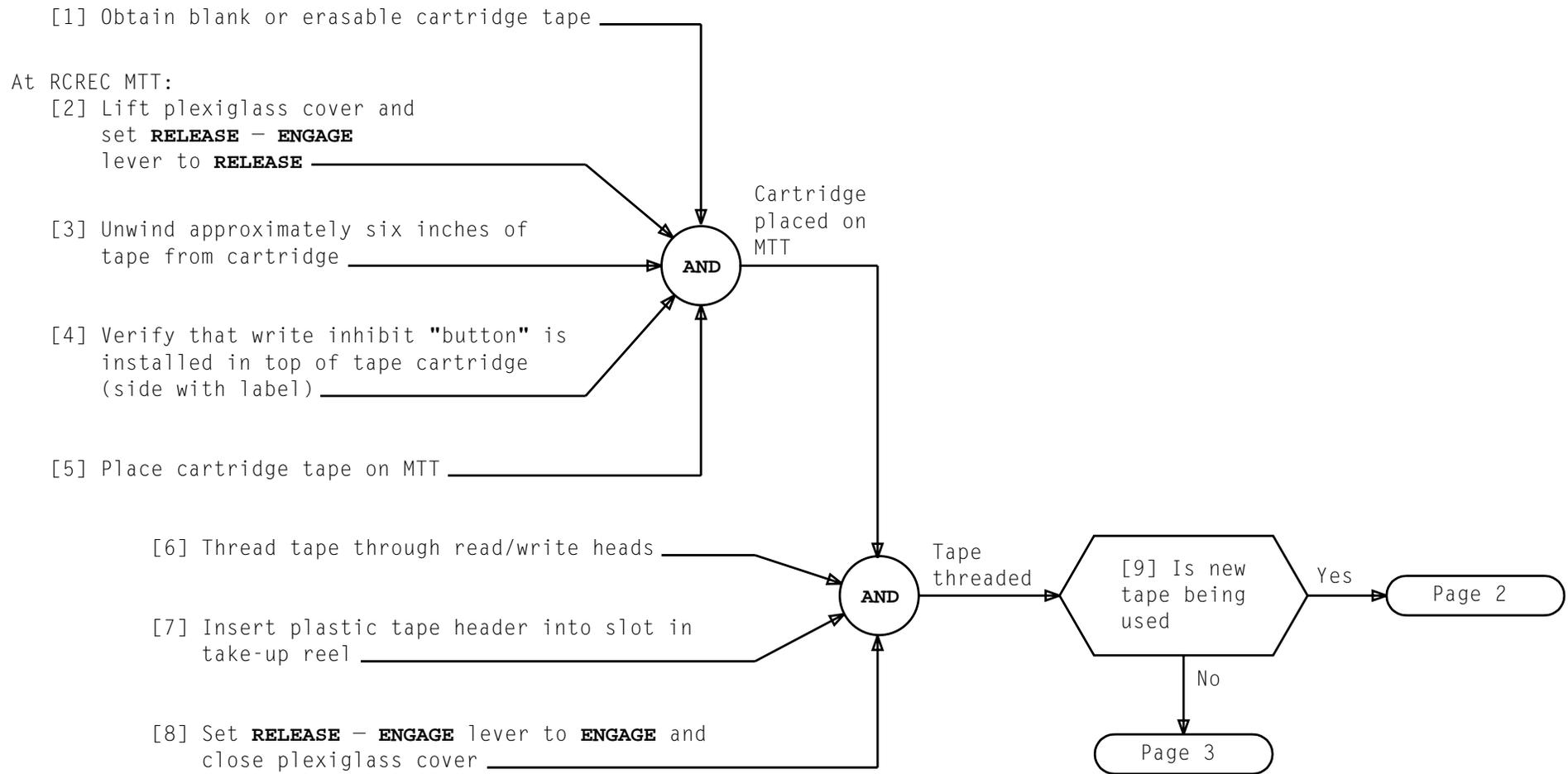
	CMS CODE		
1		Verify TSG Characteristics	DLP-602
2		Verify TSG Member Assignments Traffic Number (TFN) and Trunk Appearance Number (TAN) Will Be Required When Populating RC Form 203	DLP-603
3		Verify CCS7 Routing in 3B/CNI Computer (OP:C7NET:ROUTING)	
4		Create New TSG With ISUP Signaling. Name of New TSG Should Be Same as Old TSG Except for Near Building Subgroup (NBS)	DLP-611
5		The DPC Format Is in AT&T Standard, Not ANSI; Therefore, the Cluster Field Is Divided Into Cluster Region and Cluster Type (See Cluster Conversion Table)	DLP-621
6		Verify New TSG Characteristics NOTE: The New TSG Should Be Same as Old TSG Except for Signaling Type	DLP-606
7		Identify All Routing Data Blocks (RDBs) That Contain Old TSG (VER:RDBLIST:TTSI c!, c = TTSI [0-255])	DLP-612
8		Add New TSG to All RDBs That Contain Old TSG. The New TSG Should Be Installed Above the Old TSG in All RDBs	DLP-613
9		Verify All RDBs To Ensure That New TSG Has Been Added Above the Old TSG and That Both TSGs Have the Same Characteristics (VER:RDB:RDBI a! where a = RDB index [4 Thru 8191])	DLP-614
10		Coordinate With Far End To Ensure They Are Ready To Test and Activate the TSG Members Before Proceeding	
11		Remove as Many TSG Members From Service as Allowed	DLP-615
12		Remove the TSG Member Identified in Step 10 From Old TSG	DLP-616
13		Add TSG Members Removed in Step 12 to New TSG	DLP-617
14		Verify TSG Member Assignments (CCS7)	DLP-608
15		Coordinate With Far End To Ensure They Are Ready To Test Members Before Proceeding	
16		Test TSG Members for Correctness and Workability	DLP-604
17		Coordinate With Far-End Office and Activate Members Just Added To New TSG	DLP-610

**TRANSFER TRUNKS FROM MF TSG TO CCS7 ISUP FOR CUTOVER
(TSG CANNOT BE REMOVED FROM SERVICE)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

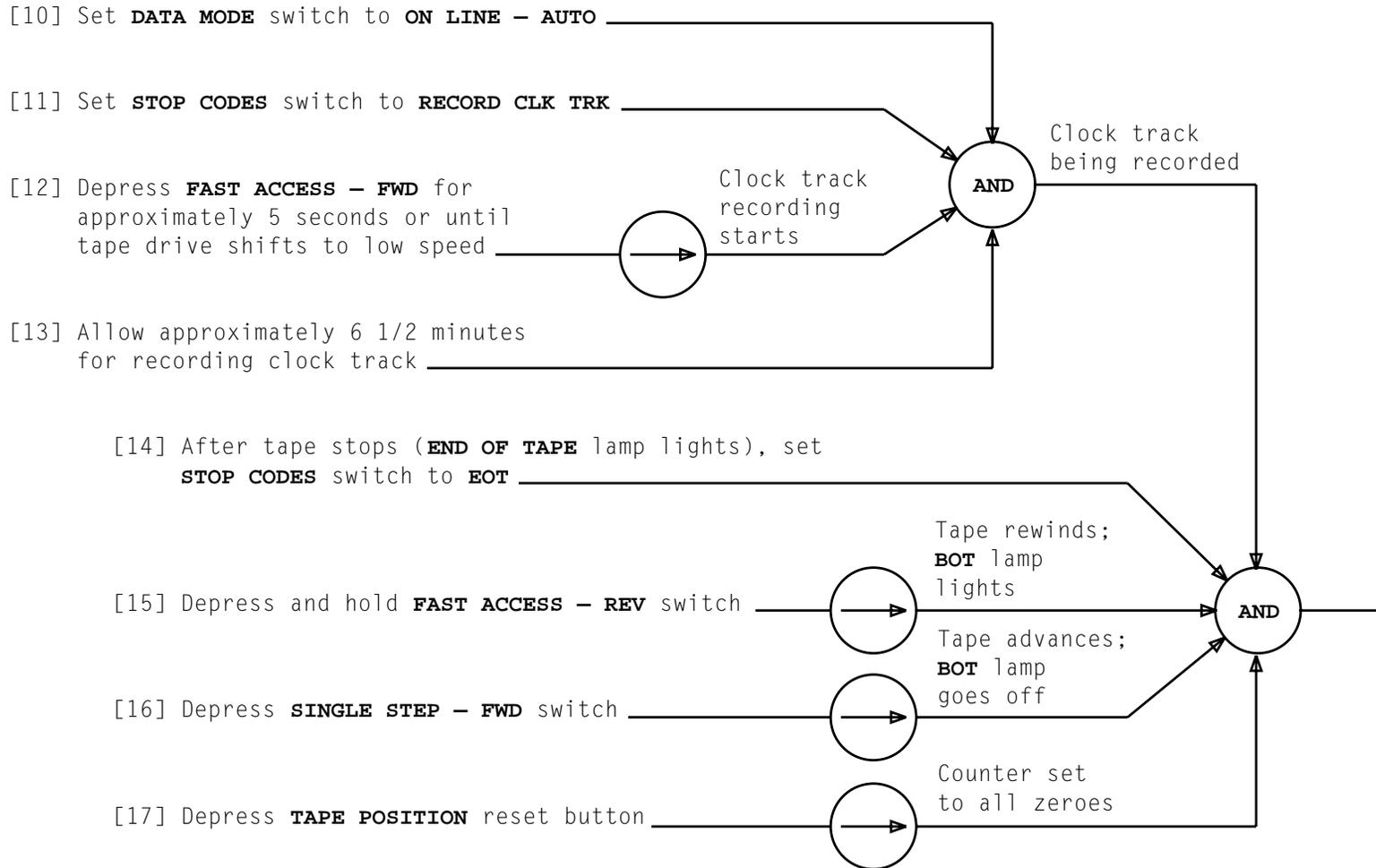
	CMS CODE		
18		Repeat Steps 9 Through 11 For Each Group of TSG Members To Be Converted. When All Members Have Been Activated in New TSG (ISUP), Proceed With Following Steps	DLP-610
19		Remove Old MF TSG From All RDBs	DLP-618
20		Delete Old MF TSG Using RC Form 106 (OP:RCFORM 106!)	DLP-619
21		If ISUP TSG Requires Name of Old TSG, Change New TSG Name to Old TSG Name Using RC Form 802. This RC Form Changes TG Name; Therefore, TSG Must Equal TG. If New TSG Is Only Part of TG, Then a Second New ISUP TSG With Correct Name Must Be Created and All Members Moved To It	DLP-620
22		TSG Has Been Converted From MF Signaling to ISUP (CCS7) Signaling. Proceed With Next TSG	

**TRANSFER TRUNKS FROM MF TSG TO CCS7 ISUP FOR CUTOVER
(TSG CANNOT BE REMOVED FROM SERVICE)**



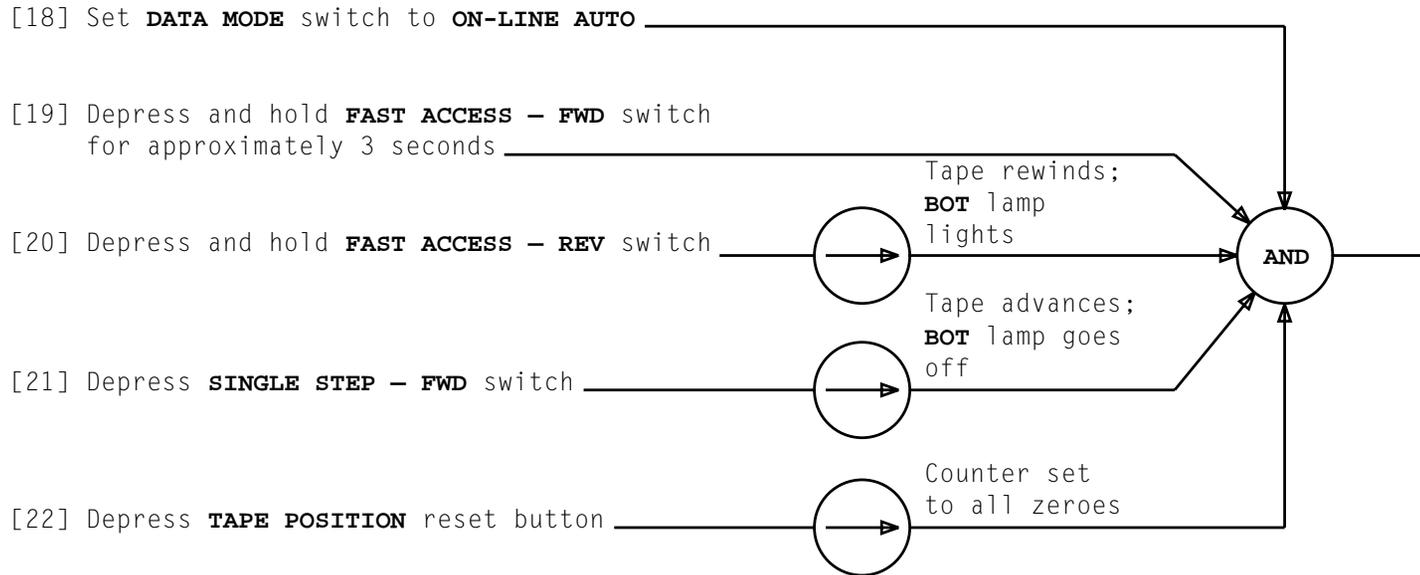
MOUNT NEW TAPE CARTRIDGE

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MOUNT NEW TAPE CARTRIDGE

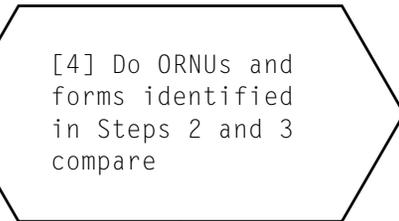
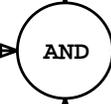
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[1] See CAUTION. In reinitialization file, locate all messages filed since latest reinitialization tape dump

[2] On printout of rollback area history [FIG. 1, Page 2], identify first ORNU and its associated form

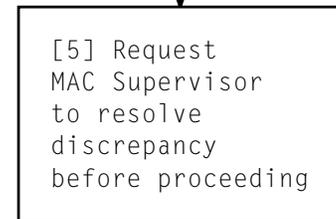
[3] In reinitialization file, identify first ORNU and its associated forms entered since latest reinitialization tape dump [FIG. 1]



Yes



No



CAUTION
Do not change sequence of acceptance messages filed in reinitialization file at any time during this procedure

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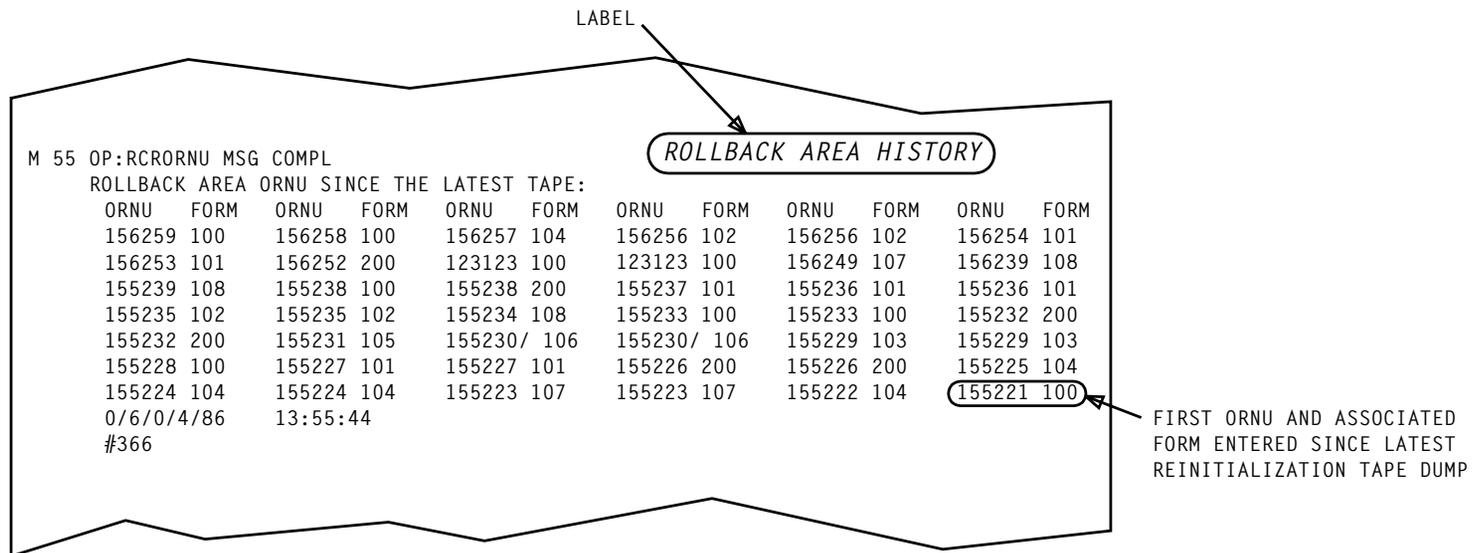
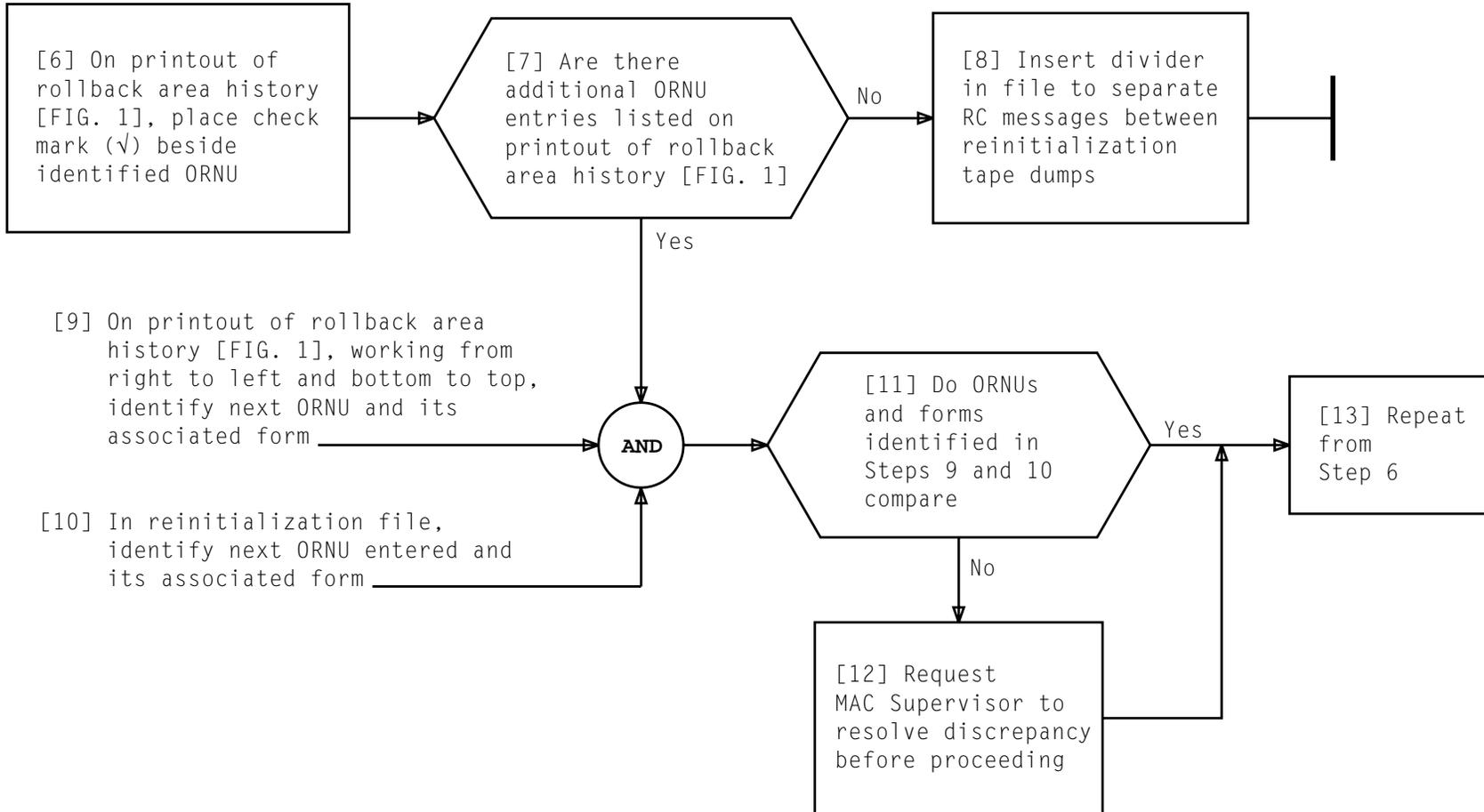
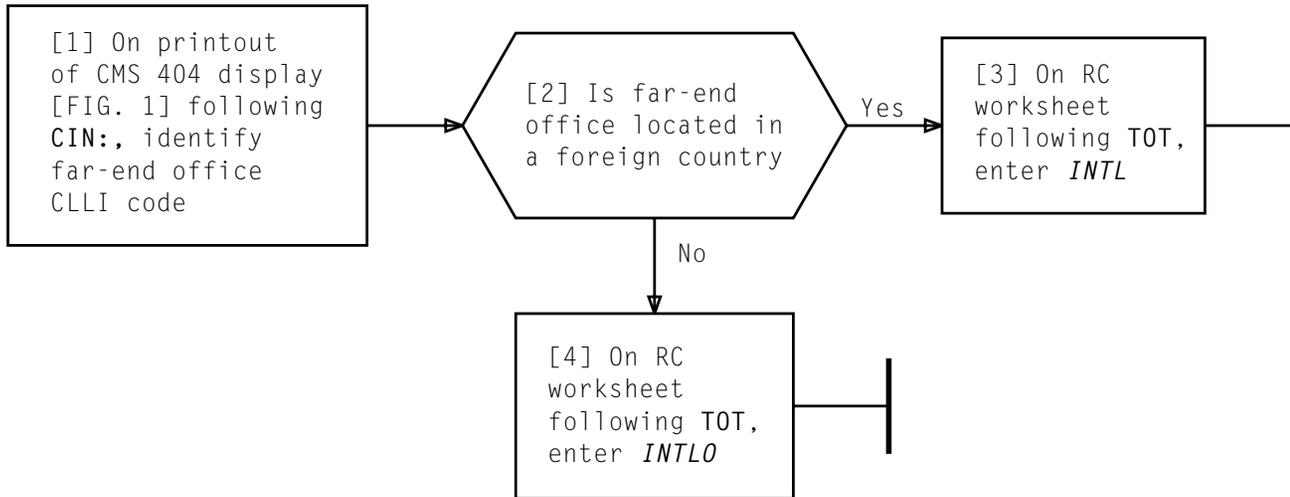


FIG. 1 - Sample Printout of Rollback Area History Showing RC ORNUs Entered Since Latest Reinitialization Tape Dump





OFFICE A CLLI CODE OFFICE Z CLLI CODE

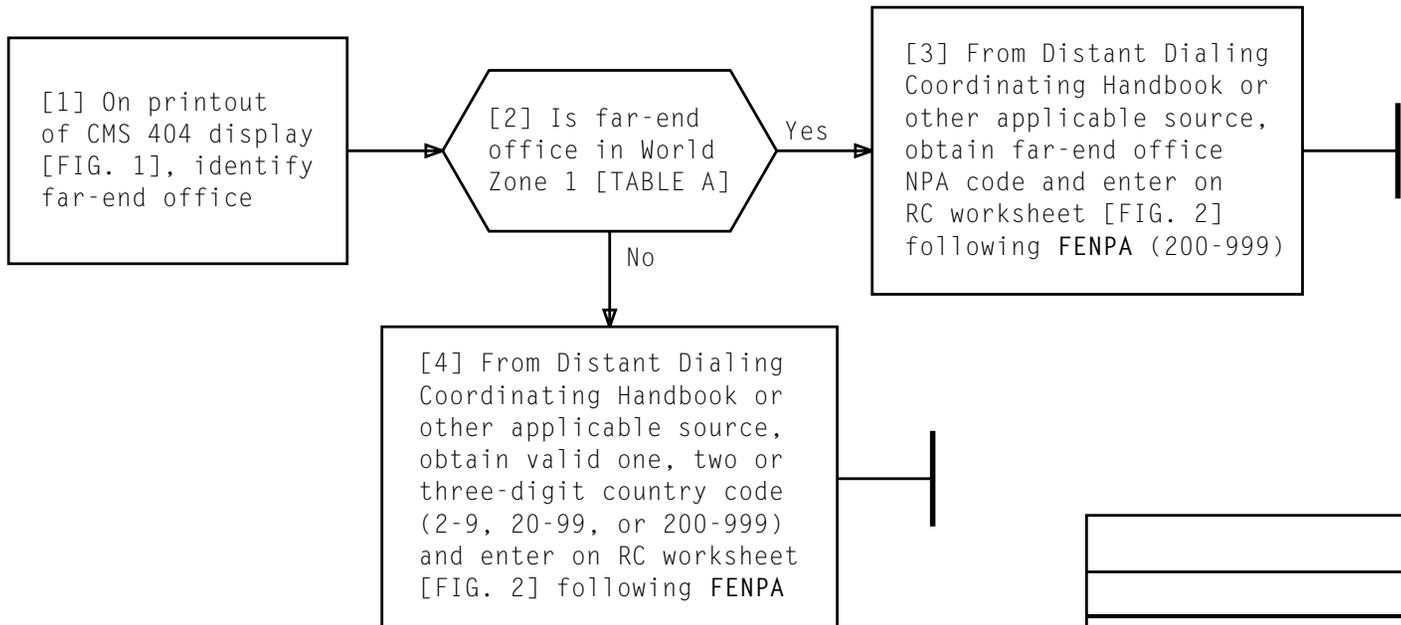
```

430/ CLCID : 670/1      NYCMNYAA1VB -M      NYCMNYBW24T
CIN: NYCMNYAA1VB
  
```

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

IDENTIFY TYPE OF TRUNK (TOT) CODE (INTL)

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430 CLCID: 1 IH211T KSCYM00904T MM STLSM00914T

OFFICE A POSITION OFFICE Z POSITION

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

FENPA ENTRY

FENPA _ _ _ . FE0FC _ _ _ .

FIG. 2 - Sample of RC Worksheet Form 100, 101, or 102 (Partial)

TABLE A	
WORLD ZONE 1	
Canada	British Virgin Islands
St. Pierre and Miquelon	Bermuda
USA including Puerto Rico and Virgin Islands	Bahamas
Jamaica	Dominican
Barbados	Grenada
Antigua	Montserrat
Cayman Islands	St. Kitts
	St. Lucia
	St. Vincent

DETERMINE FAR-END NUMBERING PLAN AREA (FENPA) (INTL)

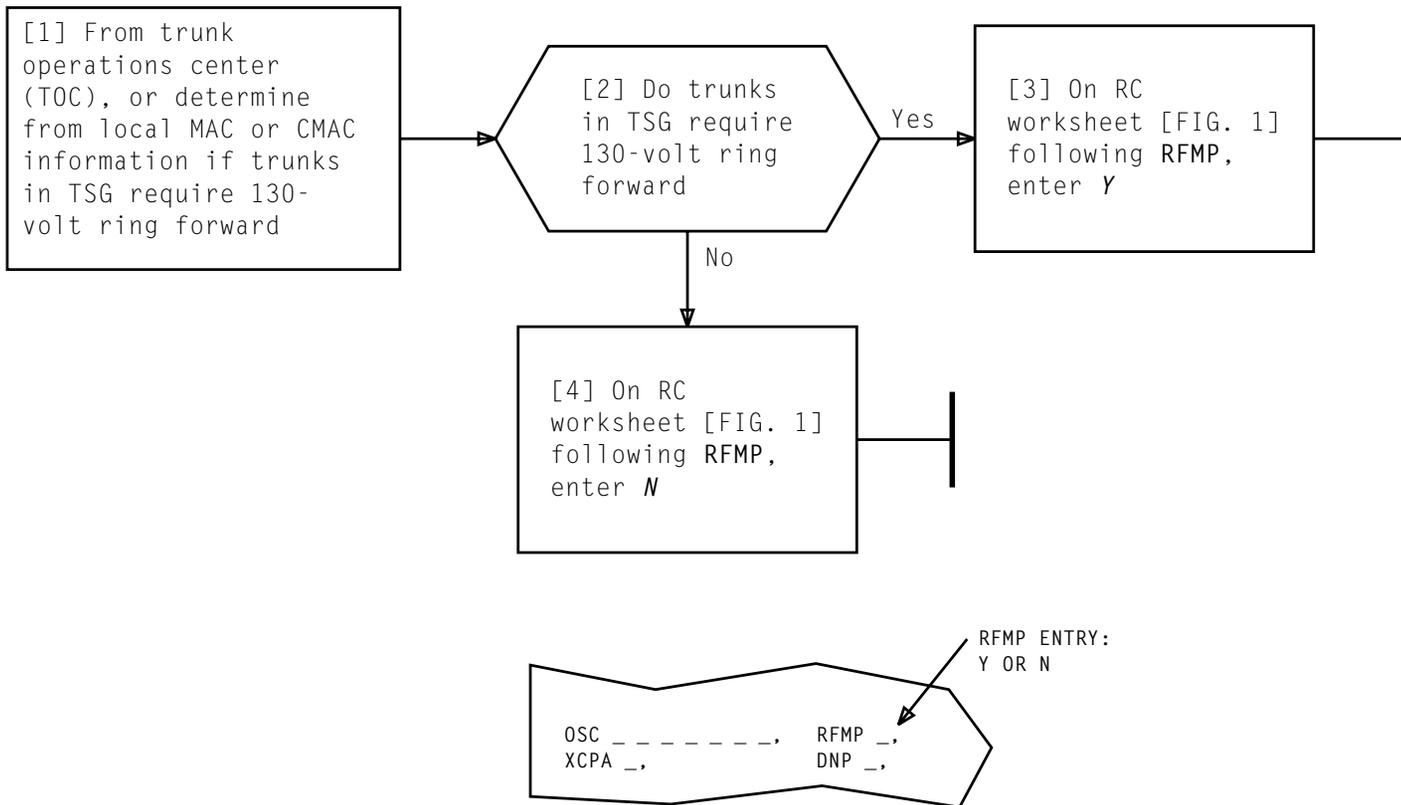


FIG. 1 - Sample RC Worksheet Form 100 or 102 (Partial)

DETERMINE IF 130-VOLT RING FORWARD IS REQUIRED FOR THIS TSG

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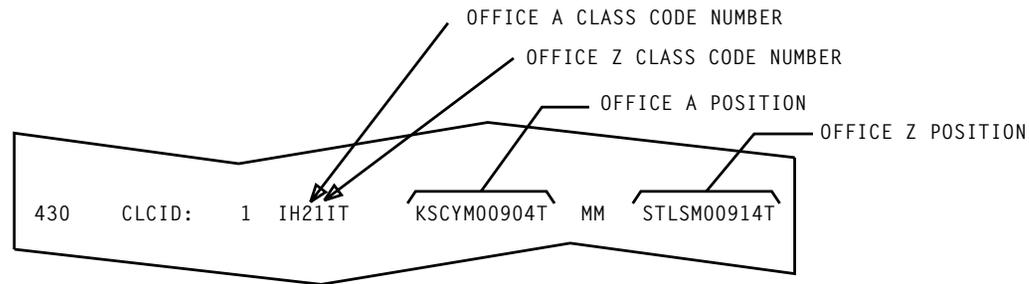
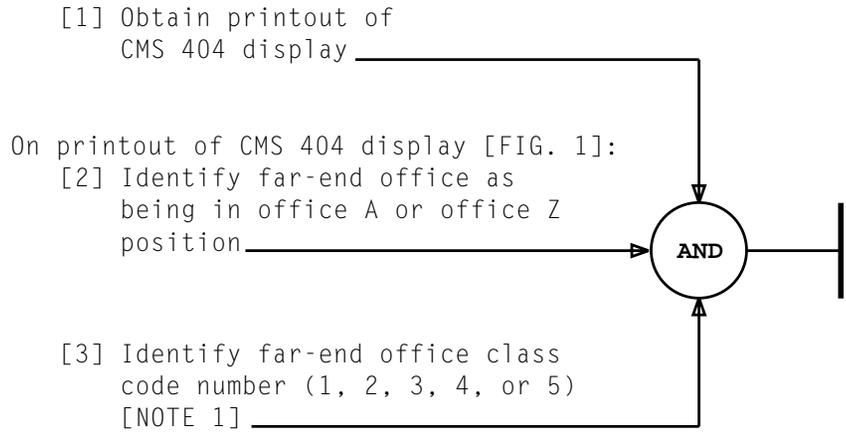


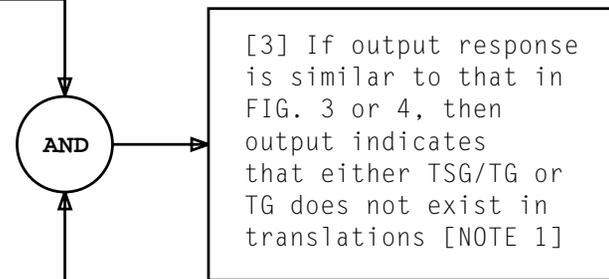
FIG. 1 - Sample Printout of CMS 404 Display (Partial)

NOTE 1	
Class code 1 is the highest office class and class code 5 is the lowest office class	
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IDENTIFY FAR-END OFFICE CLASS CODE

[1] At RCDT, type VER:TSG:CIN a! (a = TSG CIN from CMS 961 Report [FIG. 1] for activated CON)

[2] Depress **SEND** key → CRT displays output response [FIG. 2, 3, or 4, Page 2]



[3] If output response is similar to that in FIG. 3 or 4, then output indicates that either TSG/TG or TG does not exist in translations [NOTE 1]

TSG CIN

DATE	TIME				PAGE
08/30	16:10				01
REPORT 961	CIRCUIT ORDER REPORT				
EARLIEST ITEM DUE DATE	CON ORDER NUMBER	CIN	# OF ITEMS	STATUS MAC/TEC/TOC	
TRUNK GROUP 12/15/86	STLSM00914T04T 301 P47CCF	1STLSM00914T04T	24	RC/PND/PND	
TRUNK GROUP 01/12/87	CHCGILCL04T57T 473 126-9003A	1CHCGILCL04T04T	12	PND/PND/PND	
TRUNK GROUP 01/21/87	STLSM00914T04T 331 P47CCH	301STLSM00914T04T	12	PND/PND/PND	

ACTIVATED CON

FIG. 1 - Sample Printout of CMS 961 Report

NOTE 1
The function of this DLP is only to verify a TSG CIN circuit identification name if it exists in translations. If it does not exist in translations, then that is indicated also

VERIFY TSG CIN

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```

M 07 VER:TSG;OPT(TWOWAY):
                                BTFN  TOWN  ST  BL  FBS  NBS
                                TSG  _ _ _ 1 S T L S M O 0 9 1 4 T 0 4 T,
                                DPC  _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
PCF  _ _ _ _ _ ,   AOPC  _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
FENCLASS  _ _ _ _ _ , FENID  _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
FEAREA  _ _ _ _ _ , FESWID  _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
QTFN  1 0 0 8,   TOT  I T 0 L L, SAT  N,
FENPA  3 1 4,   FEOFC  _ _ _ , FELATA  _ _ 0,
MEM  _ ,   PSES  _ ,   INSEP  1 0,
ISC  _ M F D D S D, RFA  Y,   ADIG  N,
OSC  _ M F D D S D, RFMP  N,   DPSTOP  N,
XCPA  _ ,   DNP  _ ,
BN  _ _ _ _ _ , BRL  _ ,   ITC  _ , GSDN  _ ,
WATSBN  _ _ _ _ _ , PSBN  _ _ _ , PSCPN  _ _ _
BNPT  _ _ _ ,   WBNPT  _ _ _ , CMERGE  _ ,
APS  _ ,   CHNEG  _ , PSATP  _ , PBXESGD  _ ,
MEGC  _ ,   SDNA  _ , OWAT  _ , DATA  _ , CBC  _ ,
SDNPLAN  _ _ _ ,   BFTIS  _ _ _ , BFTNI  _ _ _
INCID  _ ,   ITELCO  _ ,   S5DIG  _ ,
ONCID  _ ,   D3DBN  _ ,   MULAW  _ , CSCSET  _ _ _ _ _
ANCR  _ ,   ACCID  _ _ _ , ACCDTA  _ _ _ , PSTNG  _ ,
CAREA  2,   CPOS  0,   SINDEX  _ _ _ ,
OTSTT  I 1 0 3, OTSTN  _ _ _ _ _ 1 0 3,
XTSTT  I 1 0 5, XTSTN  _ _ _ _ _ 1 0 5,
S1  _ , S2  _ , S3  _ , S4  _ , S5  _ , S6  _ , S7  _ , S8  _ , S9  _ , S10  _ ,
07/24/90  17:44:27
#963
M 07 VER:TSG;OPT(TRUNKS):
                                D1D2  N,
                                TAN
QTRK  FTFN  TSI  SPC  LVL  FTS  FCHAN  STATUS
    84    1    1,    1,    6,    1,    0,    ASN,
07/24/90  17:44:42
$966

```

TSG CIN

FIRST TRAFFIC NUMBER (FTFN)

QUANTITY OF TRUNKS (QTRK)

TRUNK STATUS

FIG. 2 - Sample CRT Display of TSG Characteristics and Associated Trunks

VERIFY TSG CIN

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VER:TSG 1 STLS MO 09 14T! ?I: ←

INDICATION
TSG/TG DOES NOT
EXIST IN TRANSLATIONS

FIG. 3 - Sample CRT Display of Output Verify Message

M 20 VER:ERROR MESSAGE:
ERROR ADDRESS 16567332
INVALID CIN OR TFN ENTERED
ERROR CODE 32 ←

INDICATION
TSG DOES NOT
EXIST IN TRANSLATIONS;
TG DOES

FIG. 4 - Sample CRT Display of Output Verify Message

[1] At RCDT, type
VER:TFNB:TG a!
 (a = TG CIN from RC
 Worksheet Form 105)
 [FIG. 1, Page 2]

[2] Depress **SEND** key

CRT displays
 output verify
 message [FIG. 2,
 Page 2]

On CRT display [FIG. 2]:
 [3] Locate TSG CIN from
 RC Worksheet Form 105

[4] Below TSG CIN, determine if
 TFNB has been deleted

AND

[5] Has
 TFNB been
 deleted

Yes

No

No

[6] Proofread data
 to ensure it was
 entered correctly;
 repeat from Step 1

[7] Refer
 trouble to
 MAC
 Supervisor

**VERIFY CURRENT TRANSLATIONS DATA TO DELETE TRAFFIC
 NUMBER BLOCK (TFNB) FROM EXISTING TSG**

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```

# FORM 105 (04) TG-4
DELETED A TRAFFIC NUMBER BLOCK FROM EXISTING
TRUNK SUBGROUP
4ESS SWITCH

RC: TSG; CHG; OPT(OUTTFNB), A C T:
ORNU 2 4 3 5 0 2,
QTFN 24
FTFN 4 0 1,

REMARKS C O N 3 0 1
-----
-----!

```

RC ORNU →

TG CIN →

TSG CIN - INCLUDES BTFN →

TSG --- 1 MIAM FL TL 02T 08T

FIG. 1 - Sample of Completed RC Worksheet Form 105

```

04 VER:TFNB
BTFN TOWN ST BL FBS NBS
TSG 1 MIAM FL TL 02T 08T.

TD TWOWAY, ISC NFDDSD, OSC MFDDSD, SAT N, DOM INTL, DNHR N,
FTFN QTFN FTFN QTFN FTFN QTFN FTFN QTFN
1, 96, 201, 96,
05/16/86 14:04:37
#630

```

TFNBS CURRENTLY ASSIGNED TO TSG →

TSG CIN →

FIG. 2 - Sample CRT Display - Output Verify Message of TFNBs Assigned to TSG

VERIFY CURRENT TRANSLATIONS DATA TO DELETE TRAFFIC NUMBER BLOCK (TFNB) FROM EXISTING TSG

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```

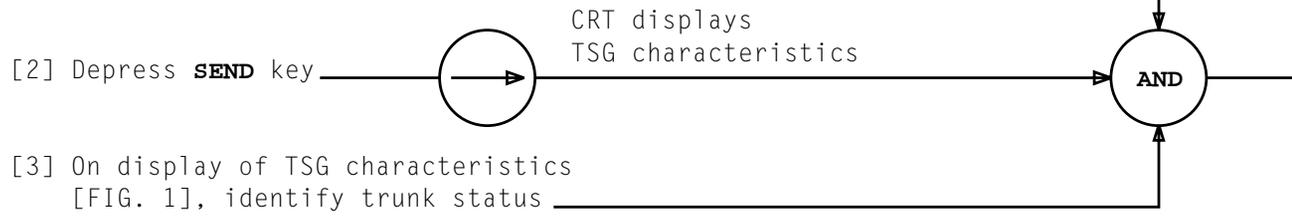
M 08  VER:TSG,OPT(VFL):                BTFN TOWN ST BL FBS NBS
                                           TSG 801 BSTN MA FR MSP 08T, ← TSG CIN
QTFN 120,                               SAT N,  DOM POTS,

CAREA 1,  CPOS 1,
05/19/86 14:08:54
#745

```

FIG. 2 - Sample CRT Display Output Verify Message of VFL TSG

[1] At RCDT, enter VER:TSG:CIN a!
a = TSG CIN



DETERMINE TRUNK STATUS

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```

M 07 VER:TSG;OPT(TWOWAY):
                                BTFN   TOWN   ST   BL   FBS   NBS
                                TSG   _ _ _ 1 S T L S M O 0 9 1 4 T 0 4 T,
                                DPC   _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
PCF   _ _ _ _ _ ,   AOPC   _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
FENCLASS _ _ _ _ _ , FENID   _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
FEAREA _ _ _ _ _ , FESWID   _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
QTFN 1 0 0 8,   TOT  I T 0 L L, SAT  N,
FENPA 3 1 4,   FEOFC   _ _ _ , FELATA _ _ 0,
MEM   _ ,   PSES   _ ,   INSEP 1 0,
ISC   _ M F D D S D, RFA  Y,   ADIG  N,
OSC   _ M F D D S D, RFMP  N,   DPSTOP N,
XCPA _ ,   DNP   _ ,
BN   _ _ _ _ _ , BRL   _ ,   ITC   _ , GSDN   _ ,
WATSBN _ _ _ _ _ , PSBN   _ _ _ , PSCPN   _ ,
BNPT _ _ _ _ _ , WBNPT _ _ _ _ _ , CMERGE _ ,
APS   _ ,   CHNEG _ , PSATP _ , PBXESGD _ ,
MEGC _ ,   SDNA _ , OWAT _ , DATA _ , CBC _ ,
SDNPLAN _ _ _ _ _ , BFTIS _ _ _ , BFTNI _ _ _ ,
INCID _ ,   ITELCO _ ,   S5DIG _ ,
ONCID _ ,   D3DBN _ ,   MULAW _ , CSCSET _ _ _ _ _ , CID   _ _ _ _ _ ,
ANCR _ ,   ACCID _ _ _ , ACCDTA _ _ _ , PSTNG _ ,   FLDSPR _ ,
CAREA 2,   CPOS 0,   SINDEX _ _ _ ,   CODSC _ ,   NEOTR   N, TRIDX _ _ _ ,
OTSTT I 1 0 3, OTSTN   _ _ _ _ _ 1 0 3,   OTMTT   _ _ _ N, OTMTN   _ _ _ _ _ _ _ _ _ ,
XTSTT I 1 0 5, XTSTN   _ _ _ _ _ 1 0 5,   XTMTT   _ _ _ N, XTMTN   _ _ _ _ _ _ _ _ _ ,

S1 _ , S2 _ , S3 _ , S4 _ , S5 _ , S6 _ , S7 _ , S8 _ , S9 _ , S10 _ ,
07/24/90 17:44:27
#963
M 07 VER:TSG;OPT(TRUNKS):
                                D1D2  N,
                                TAN
QTRK  FTFN  TSI   SPC   LVL   FTS   FCHAN  STATUS
-----
84     1     1,    1,    6,    1,    0,    ASN,
07/24/90 17:44:42
$966

```

TSG CIN

BLOCK OF TRUNKS
REMAINING
IN TSG

TRUNK STATUS

FIG. 2 - Sample CRT Display of TSG Characteristics and Associated Trunks

DETERMINE TRUNK STATUS

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On RC Worksheet Form 100 containing
TSC data to be deleted [FIG. 1, Page 2]:

[1] Identify Julian Date

[2] Identify TSG CIN and CON number

[3] Obtain **4ESS SWITCH RECENT CHANGE LOG SHEET** for identified Julian Date

[4] Enter next available Sequence
Number on log sheet [FIG. 2, Page 3]

[5] In **RCDM WORK SHEET** column, enter 106

In **DESCRIPTION** column:

[6] Enter identified TSG CIN

[7] Enter **DELETES SEQUENCE NUMBER** x (x = Sequence
Number to be deleted) [FIG. 2]

[8] At RCDT, type OP:RCFORM 106!

[9] Depress **SEND** key

On displayed Form 106 [FIG. 3, Page 4]:

[10] Following RC:TSG;OUT;, enter **ACT**

[11] Following ORNU, enter ORNU determined in Step 4 [NOTE 1]

[12] Following TSG, enter TSG CIN to be deleted

[13] Following REMARKS, enter **CON**
followed by applicable CON number

[14] Proofread displayed data and depress **SEND** key

AND

AND

CRT displays
blank Form 106

AND

Page 5

NOTE 1

ORNU is equal to
Julian Date and
Sequence Number
combined

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-------------	-----

DELETE TSG CONTAINING MISMATCHED DATA

FORM 100
4E20

ADD A NEW TWO-WAY TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

JULIAN DATE

RC:TSG;NEW;OPT(TOWAY), A C T:

BTFN TOWN ST BL FBS NBS

ORNU 319504,

TSG ___ 1 S T L S M O 0 9 M F T 0 4 T,

TSG CIN

PCF ____, AOPC _____,

DPC _____.

FENCLASS _____, FENID _____, TFG __, TSGBBC __, VDCAP _____, DATAF __,

FEAREA _____, FESWID _____, EXSEQ __, FEPTY __,

QTFN 192, TOT I T O L L, SAT __, DOM P O T S, ACD __, IT __,

FENPA 314, FEOFCL ____, FELATA ____, FESC6 __, IWZ1 __, LSST ____,

MEM __, PSES N, INSEP 10 __, MTSC 0 __, GNSC 0 __, GEOSEP ____,

ISC M F D D S D __, RFA Y, ADIG __, CID _____, CCIS2WRE __, CBNPR _____,

OSC _____, RFMP N, DPSTOP __, DELAY 20 __, MFSPEED 7 __, DNHR N __,

XCPA __, DNP __, REV N __, GLARE N __, PSOLI __,

BN _____, BRL __, ITC __, GSDN __, GSDNPHSE __, EAS __, NPARINH __,

WATSBN _____, PSBN ____, PSCPN __, ANISID _____, WANISID _____, PSUUI __,

BNPT ____, WBNPT ____, CMERGE __, SCFN __, OVLP __, PRIT _____,

APS __, CHNEG __, PSATP __, PBXESGD __, PBXAW __, FAR4E __, DOFP __, SBRIV __,

MEGC __, SDNA __, OWAT __, DATA __, CBC __, DDD __, IDDD __, FOSPS __, CCIF __,

SDNPLAN ____, BFTIS ____, BFTNI ____, SKSP __, PBXNWW __, HYBRD __,

INCID __, ITELCO __, S5DIG __,

ONCID __, D3DBN __, MULAW __, CSCSET _____, CID _____,

ANCR __, ACCID __, ACCDTA __, PSTNG __, FLDSPR __,

CAREA 2, CPOS 0, SINDEX ____, CODSC __, NEOTR N __, TRIDX ____,

OTSTT I103, OTSTN _____ 103, OTMTT _____ N, OTMTN _____,

XTSTT I105, XTSTN _____ 105, XTMTT _____ N, XTMTN _____,

S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __.

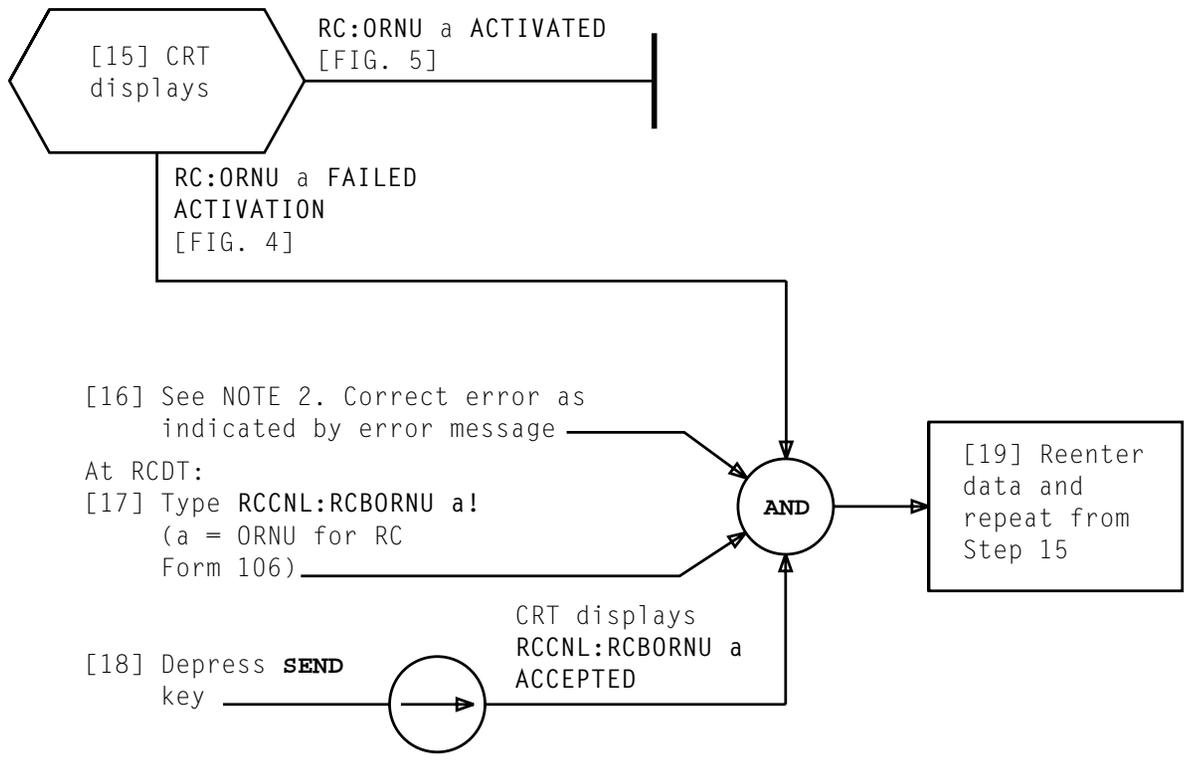
CON
NUMBER

REMARKS C O N 111 _____ !

FIG. 1 - Sample of Partially Completed RC Worksheet Form 100 - 4E20 Generic Program

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DELETE TSG CONTAINING MISMATCHED DATA



```

M 35 RC:ORNU 319505 REJECTED FOR ACT STATE
TSG, FAILURE 112, ADDRESS 15121233
TSG DOES NOT EXIST IN SYSTEM
-VERIFY TSG.
11/14/86 08:21:19
#517
  
```

FIG. 4 - Sample CRT Display - Error Message

```

M 34 RC:ORNU 319505 ACTIVATED
11/14/86 08:34:39
#276
  
```

FIG. 5 - Sample CRT Display - RCDM Accepted for ACT State

NOTE 2
If message rejected because of error, CRT displays portion of input form ending with keyword that contained error

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On RC Worksheet Form 100 [FIG. 1, Page 2]:

[1] Identify Julian Date

[2] Identify TSG

CIN and CON number

[3] Identify RC worksheet form number
at upper left corner of worksheet

[4] Obtain **4ESS SWITCH RECENT CHANGE LOG SHEET**
for identified Julian Date

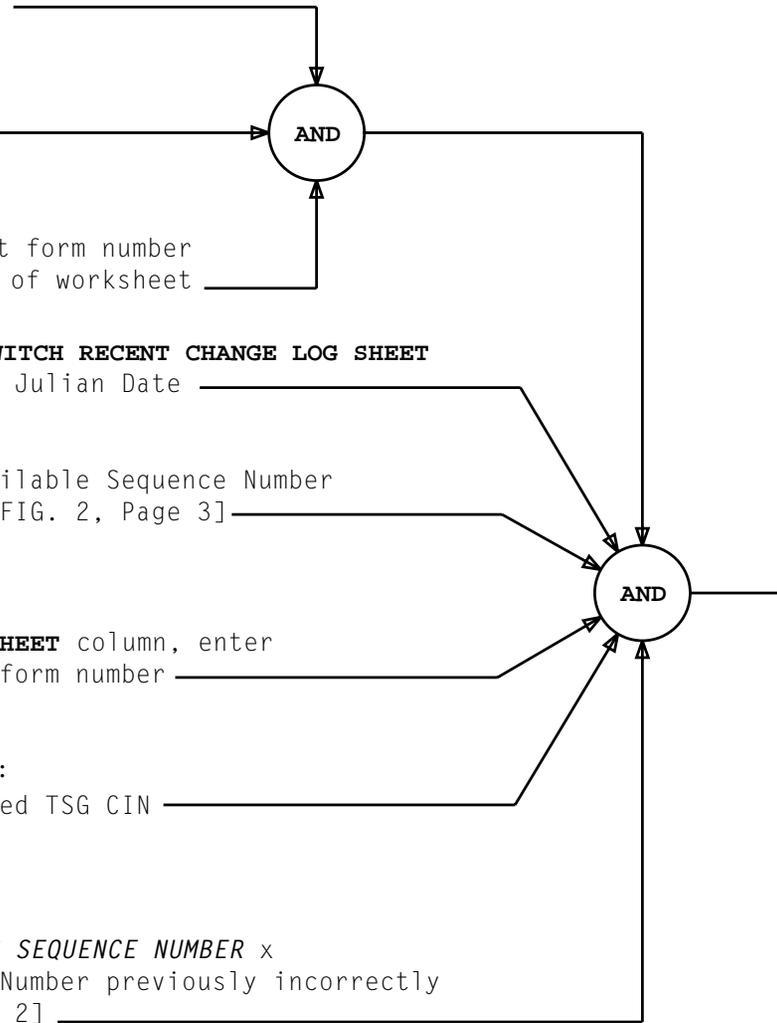
[5] Enter next available Sequence Number
on log sheet [FIG. 2, Page 3]

[6] In **RCDM WORK SHEET** column, enter
identified RC form number

In **DESCRIPTION** column:

[7] Enter identified TSG CIN

[8] Enter *REPLACES SEQUENCE NUMBER* x
(x = Sequence Number previously incorrectly
entered) [FIG. 2]



OBTAIN AND ENTER NEW RC ORNU ON 4ESS SWITCH RECENT CHANGE LOG SHEET

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RC WORKSHEET
FORM NUMBER

# FORM <u>100</u> 4E20		ADD A NEW TWO-WAY TRUNK SUBGROUP 4ESS SWITCH 4E20 GENERIC PROGRAM	
JULIAN DATE	RC:TSG;NEW;OPT(TWOWAY), <u>A C T</u> :	BTFN	TOWN ST BL FBS NBS
RC ORNU	ORNU <u>319504</u> , PCF _____, AOPC _____,	TSG	<u>1 S T L S M O 0 9 M F T 0 4 T</u>
CON NUMBER	FENCLASS _____, FENID _____, TFG _____, TSGBBC _____, VDCAP _____, DATAF _____, FEAREA _____, FESWID _____, EXSEQ _____, FEPTY _____, QTFN <u>192</u> , TOT <u>I T O L L</u> , SAT <u>N</u> , DOM <u>P O T S</u> , ACD _____, IT _____, FENPA <u>314</u> , FEOFC _____, FELATA _____, FESC6 <u>Y</u> , IWZ1 _____, LSST _____, MEM _____, PSES <u>N</u> , INSEP <u>10</u> , MTSC <u>0</u> , GNSC <u>0</u> , GEOSEP <u>0</u> , ISC <u>M F D D S D</u> , RFA <u>Y</u> , ADIG _____, CID _____, CCIS2WRE _____, CBNPR _____, OSC <u>M F D D S D</u> , RFMP <u>N</u> , DPSTOP _____, DELAY <u>20</u> , MFSPEED <u>7</u> , DNHR <u>N</u> , XCPA _____, DNP _____, REV <u>N</u> , GLARE <u>N</u> , PSOLI _____, BN _____, BRL _____, ITC _____, GSDN _____, GSDNPHSE _____, EAS _____, NPARINH _____, WATSBN _____, PSBN _____, PSCPN _____, ANISID _____, WANISID _____, PSUUI _____, BNPT _____, WBNPT _____, CMERGE _____, SCFN _____, OVL P _____, PRIT _____, APS _____, CHNEG _____, PSATP _____, PBXESGD _____, PBXAW _____, FAR4E _____, DOFP _____, SBRIV _____, MEGC _____, SDNA _____, OWAT _____, DATA _____, CBC _____, DDD _____, IDDD _____, FOSPS _____, CCIF _____, SDNPLAN _____, BFTIS _____, BFTNI _____, SKSP _____, PBXNWW _____, HYBRD _____, INCID _____, ITELCO _____, S5DIG _____, ONCID _____, D3DBN _____, MULAW _____, CSCSET _____, CID _____, ANCR _____, ACCID _____, ACCDTA _____, PSTNG _____, FLDSPR _____, CAREA <u>2</u> , CPOS <u>0</u> , SINDEX _____, CODSC _____, NEOTR <u>N</u> , TRIDX _____, OTSTT <u>I 1 0 3</u> , OTSTN _____, <u>1 0 3</u> , OTMTT _____, <u>N</u> , OTMTN _____, XTSTT <u>I 1 0 5</u> , XTSTN _____, <u>1 0 5</u> , XTMTT _____, <u>N</u> , XTMTN _____, S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____, REMARKS <u>C O N T I T</u> _____!		

FIG. 1 - Sample of Partially Completed RC Worksheet Form 100 - 4E20 Generic Program

OBTAIN AND ENTER NEW RC ORNU ON 4 ESS SWITCH RECENT CHANGE
LOG SHEET

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On RC worksheet containing trunk assignment data to be deleted
 [FIG. 1, Page 2]:

[1] Identify Julian Date

[2] Identify TSG CIN and CON number

[3] Obtain **4ESS SWITCH RECENT CHANGE LOG SHEET** for identified Julian Date [FIG. 2, Page 3]

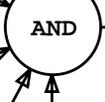
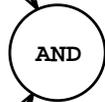
[4] See NOTE 1. In **SEQUENCE NUMBER** column, enter next available Sequence Number on log sheet [FIG. 2]

[5] In **RCDM WORK SHEET** column, enter 202

In **DESCRIPTION** column:

[6] Enter identified TSG CIN

[7] Enter *DELETES SEQUENCE NUMBER x* (x = Sequence Number previously incorrectly entered) [FIG. 2]



NOTE 1
 Julian Date plus Sequence Number is equal to order number (ORNU)

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DELETE TRUNK ASSIGNMENTS DATA FOR ENTIRE RCDM

[8] At RCDT, type
OP:RCFORM 202!

[9] Depress **SEND** key

CRT displays blank
Form 202 [FIG. 3,
Page 5]

AND

On displayed Form 202 [FIG. 3]:

[10] Following RC:TRK:OUT;, enter *ACT*

[11] Following ORNU, enter ORNU
determined in Step 4, Page 1

[12] Following TSG, enter TSG CIN
from Form 203 [FIG. 1, Page 2]

[13] Following QTRK, enter
QTRK from Form 203 [FIG. 1]

[14] Following FTFN, enter
FTFN from Form 203 [FIG. 1]

[15] Proofread displayed data
and depress **SEND** key

AND

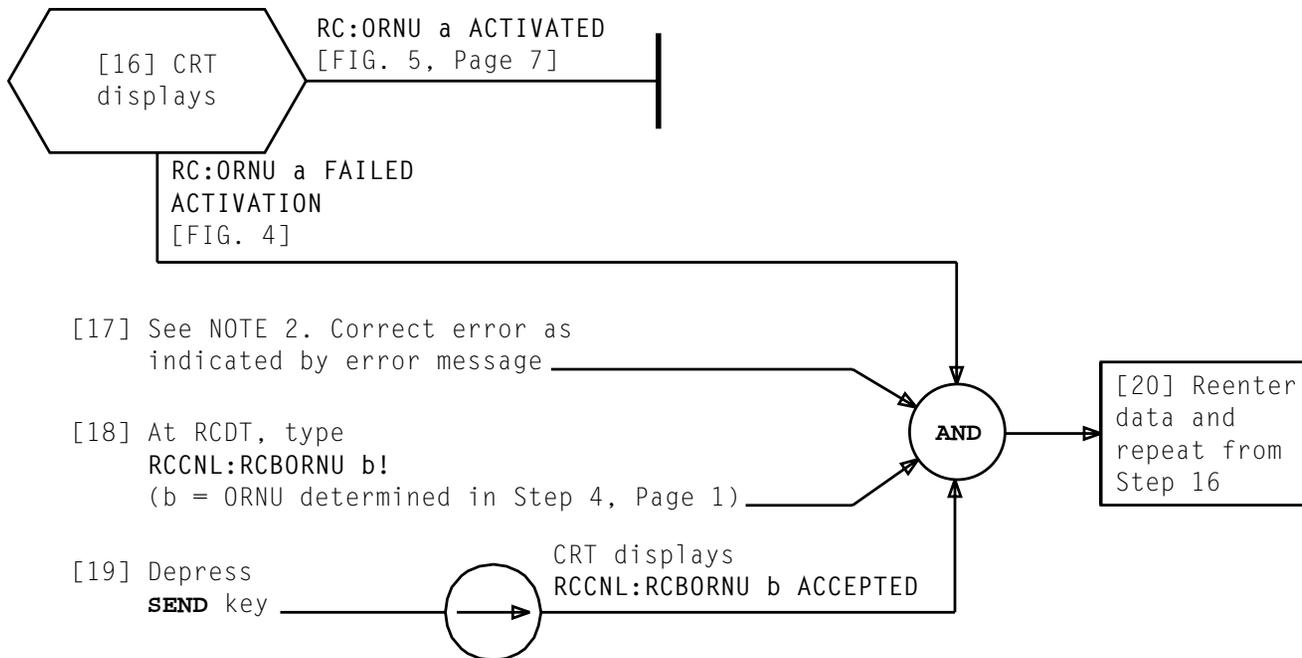
Page 6

RC:TRK;OUT; <u>A C T</u> :	BTFN	TOWN	ST	BL	FBS	NBS
ORNU <u>3 1 9 5 0 8</u>	TSG	<u>1</u>	<u>STLS</u>	<u>MO</u>	<u>09</u>	<u>MFT 04T</u>
QTRK <u>1 2</u>	FTFN	<u>1</u>				
REMARKS <u>C O N 8 7 6</u>	-----					
	-----!					

FIG. 3 - Sample CRT Display of Completed Form 202

DELETE TRUNK ASSIGNMENTS DATA FOR ENTIRE RCDM

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```

M 45 RC:ORNU 319508 REJECTED FOR ACT STATE:

      TSG, FAILURE 112, ADDRESS 15121233

      TSG DOES NOT EXIST IN SYSTEM

      -VERIFY TSG.

      11/14/86 08:21:19

      #517
  
```

FIG. 4 - Sample CRT Display - Error Message

NOTE 2	
If message rejected because of error, CRT displays portion of input form ending with keyword that contained error	
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RCDM ACCEPTED
FOR ACT STATE

```
RC ORNU 319508 ACTIVATED
11/14/86 08:34:39
RC:TRK;OUT;ACT:          BTFN TOWN ST BL FBS NBS
ORNU 319508              TSG   1 STLS M0 09 MFT 04T
QTRK 12,   FTFN 1,
REMARKS CON 876.....!
REPT:RC SYSTEM IDLE
```

FIG. 5 - Sample CRT Display - RCDM Accepted for ACT State

DELETE TRUNK ASSIGNMENTS DATA FOR ENTIRE RCDM

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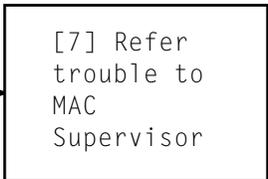
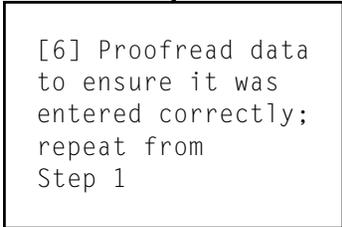
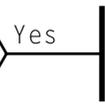
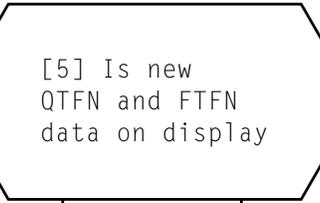
[1] At RCDT, type
VER:TFNB:TG a!
 (a = TG CIN from Form 104)
 [FIG. 1, Page 2]

[2] Depress **SEND**
 key

CRT displays
 output verify
 message [FIG. 2,
 Page 2]

On CRT display [FIG. 2]:
 [3] Locate TSG CIN

[4] Below TSG CIN, locate
 QTFN and FTFN data from
 RC Worksheet Form 104



[5] Is new
 QTFN and FTFN
 data on display

Yes

No

No

[6] Proofread data
 to ensure it was
 entered correctly;
 repeat from
 Step 1

[7] Refer
 trouble to
 MAC
 Supervisor

**VERIFY CURRENT TRANSLATIONS DATA TO ADD TRAFFIC
 NUMBER BLOCK (TFNB) TO TSG**

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FORM 104 (03) TG-4

ADD A TRAFFIC NUMBER BLOCK TO AN EXISTING
TRUNK SUBGROUP
4ESS SWITCH

RC: TSG; CHG; OPT(ADDTFNB), A C T.

ORNU 2 4 0 5 0 3,

QTFN 9 6, FTFN 2 0 1,

REMARKS C O N 3 8 2 -----
----- !

BTFN TOWN ST BL FBS NBS
TSG 1 MIAM FL TL 0 2 T 0 8 T,

TG CIN
TSG CIN - INCLUDES BTFN

FIG. 1 - Sample of Completed RC Worksheet Form 104

04 VER:TFNB

BTFN TOWN ST BL FBS NBS
TSG 1 MIAM FL TL 02T 08T,

TD TWOWAY, TSC MFDDSD, OSC MFDDSD, SAT N, DOM POTS, DNHR N,

FTFN QTFN FTFN QTFN FTFN QTFN FTFN QTFN

1, 96, 201, 96,

05/16/86 14:04:37

#630

TFNB ADDED PER EXAMPLE FIG. 1

TSG CIN

FIG. 2 - Sample CRT Display - Output Verify Message of TFNBs Assigned to TSG

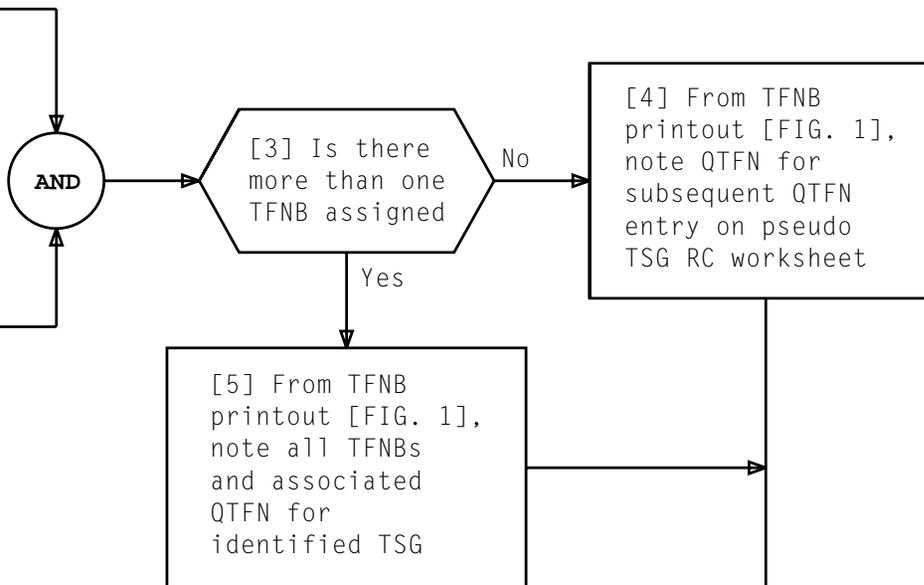
VERIFY CURRENT TRANSLATIONS DATA TO ADD TRAFFIC
NUMBER BLOCK (TFNB) TO TSG

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On TFNB printout [FIG. 1, Page 2]:

[1] Locate identified MF TSG CIN

[2] See NOTE 1. Identify TFNBs assigned to TSG [FIG. 1]

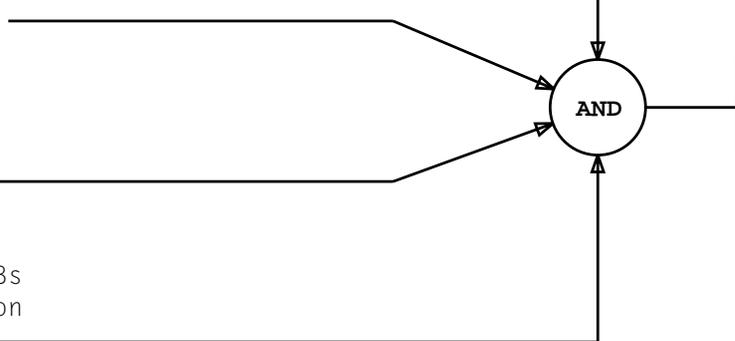


On TFNB printout [FIG. 1]:

[6] Locate far building subdivision (FBS) of identified MF TSG CIN

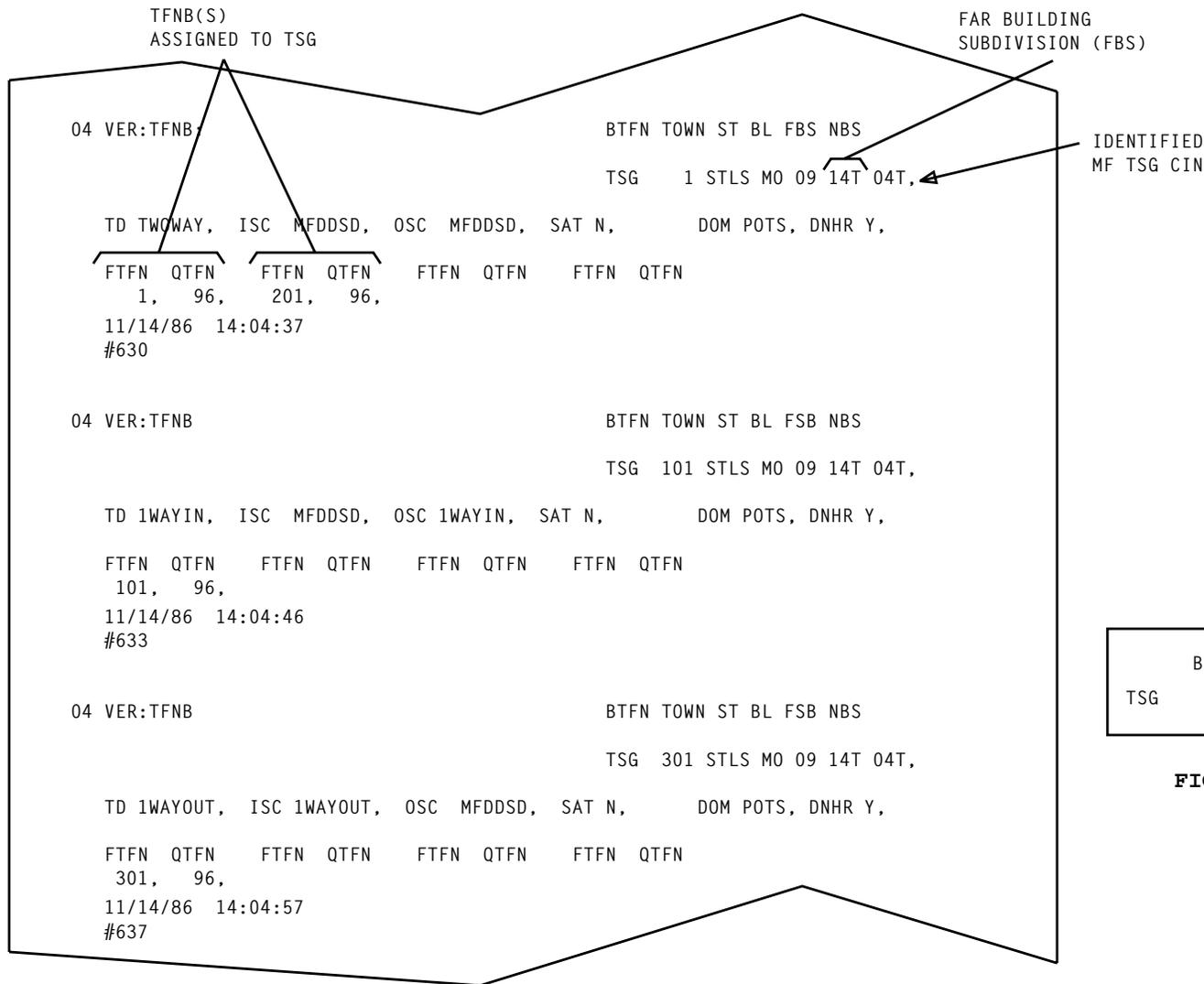
[7] Change first two digits of FBS to **MF** to form pseudo TSG CIN [FIG. 2, Page 2]

[8] Retain new pseudo TSG CIN, TFNBs and associated QTFN for entry on pseudo TSG RC worksheet



NOTE 1	
TFNBs include FTFN and QTFN	
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DETERMINE PSEUDO TSG CIN, TFNBs, AND ASSOCIATED QTFNs



BTFN	TOWN	ST	BL	FBS	NBS
TSG	1	STLS	MO	09	MFT 04T,

FIG. 2 - Pseudo TSG CIN

FIG. 1 - Sample TFNB Printout

DETERMINE PSEUDO TSG CIN, TFNBs, AND ASSOCIATED QTFNs

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[1] At CMS channel,
type CMS code 250/a
(a = presently activated
item number)

[2] Depress **S/R** key

[3] Add 12 to activated
TFN to determine new
TFN [NOTE 1]

[6] Identify item number for new TFN with
the same action code on display

[7] Type CMS code 121/a
(a = identified item number)

[8] Depress **S/R** key

CRT displays
CMS Form 250
[FIG. 1,
Page 2]

AND

[4] Is new
TFN with the
same action code
on display

Yes

No

CRT displays
next page of
CMS Form 250

[5] Type CMS
code 250 and
depress **S/R**
key

AND

CRT displays standard header
with identified item displayed
and activated [FIG. 2, Page 2]

NOTE 1

Disregard any TFN
ending in 97, 98,
99, or 00 when
adding 12 to
determine new TFN

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**ACTIVATE FIRST ITEM IN NEXT GROUP OF 12 CIRCUITS
WITH THE SAME ACTION CODE**

ACTION CODE

MESSAGES:
 CON/ITEM/MEMBER: 113/01 ..) 1STLSM00914T04T STATUS: CPD/WRK/WRK
 250 CIRCUIT ORDER ITEM LIST MAC 0/1/CKT/DET

ITEM NO	CIN	PSD USE	ACT	WORK DATE	TEST DATE	DUE DATE	RESP TEC/TOC	STATUS MAC/TEC/TOC
01	1STLSM00914T04T		A			11/15	51/20	CPD/WRK/WRK
02	2STLSM00914T04T		A			11/15	51/20	CPD/WRK/WRK
08	8STLSM00914T04T		A			11/15	51/20	CPD/WRK/WRK

FIG. 1 - Sample CMS 250 Display - First Page of Multipage Display

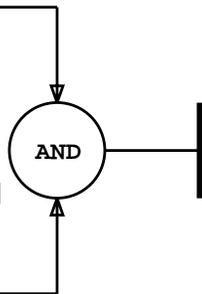
MESSAGES:
 CON/ITEM/MEMBER: 113/09 /..) 09STLSM00914T04T STATUS: CPD/WRK/WRK
 MAC 01/CKT/DET

FIG. 2 - Sample Header of Activated Item

ACTIVATE FIRST ITEM IN NEXT GROUP OF 12 CIRCUITS WITH THE SAME ACTION CODE

[1] Using CMS 961 Report [FIG. 1],
 identify traffic number
 associated with first
 CIN listed _____

[2] On **CCS CUTOVER AND/OR
 CONVERSION SCRATCH SHEET** [FIG. 2, Page 2]
 under column heading **TRAFFIC NO.**
(TFN), enter identified
 traffic number _____



DATE	TIME	TRUNK GROUP	CON	ORDER NUMBER	TRAFFIC NUMBER	FIRST CIN LISTED	# OF ITEMS	STATUS
10/15	08:53	STLSM00914T04T						PAGE 29
REPORT 961	CIRCUIT ORDER REPORT							
EARLIEST ITEM DUE DATE					CIN			MAC/TEC/TOC
11/15/86	111	W82111			1STLSM00914T04T		01	RC/PND/PND
11/15/86	112	W82112			1STLSM00914T04T		01	RC/PND/PND
11/15/86	113	W82113			13STLSM00914T04T		13	PND/PND/PND
11/15/86	131	W82131			34STLSM00914T04T		02	PND/PND/PND

FIG. 1 - Sample of CMS 961 Report

ENTER TFN ASSOCIATED WITH FIRST CIN LISTED

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- [1] At CMS channel, type CMS code 403 _____
- [2] Depress **S/R** key _____
- [3] On CMS 403 display [FIG. 1], identify ICL for first activated CON with action code A _____
- [4] On **CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET** [FIG. 2, Page 2] under column heading **ICL (dB)**, enter the identified ICL (in dB) _____



```

ACTIVATED CON
ICL
MESSAGES:
CON/ITEM/MEMBER: 112/01 /01)M 1STLSM00914T04T STATUS: PND/PND/TBL
MAC 05/CKT/DET

403 TEST DATA

CLCID: 1 IH21IT KSCYM00904T CC STLSM00914T

410-----EML-----DEV-----1000HZ-----LTF:400HZ-----UTF:2800HZ-----ICL
A: 6.0 ----- 1.3
Z: 6.0 ----- 1.3
}

411-----NOISE MEAS-----SP MEAS-----ERL MEAS-----SWSYS-----SWA
A: 28C36 -- 4ES TP3
Z: 28C36 -- 4ES TP3
----- CAROT TESTABLE? ----- CAROT TEST PASSED? -----

412
413
414
415
416
417
418
419
  
```

FIG. 1 - Sample CMS 403 Display

ENTER ICL

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[1] At RCDT, type
 VER:RDBLIST;ALL:TSG a!
 (a = new TSG CIN)

[2] Depress
SEND key

CRT displays
 verify
 response
 [FIG. 1]

AND

[3] Does CRT display
 of RDBIs [FIG. 1]
 contain RDBIs from
 Forms 513 [FIG. 2,
 Page 2] and are associated
 TG ORDER codes numeric

Yes

No

No

[4] Repeat from
 Step 1, ensuring
 that message
 was entered
 correctly

[5] Refer
 trouble to
 MAC
 Supervisor

```

M 32 VER:RDB;OPT(LIST):
                                     BTFN TOWN ST BL FBS NBS
                                     TSG 1 STLS MO 09 MFT 04T
RDBI  TG ORDER DEL  PREFIX DNHRTYPE RDBI  TG ORDER DEL  PREFIX DNHRTYPE
  2,   A,   0,   ,   ,   11,   6,   0,   ,   ,
 59,   2,   4,  08Z,   ,   97,   4,   0,   ,   ,

11/14/86  11:40:20
#980
  
```

CIN OF
 NEW TSG

FIG. 1 - Sample CRT Display of RDBIs Containing New TSG

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FORM 513 TG-4

ADD A TRUNK SUBGROUP TO EXISTING ROUTING DATA BLOCKS
4ESS SWITCH

RC:RDB;CHG;OPT(ADDITSG), A C T:

ORNU 3 1 9 5 0 9,

REFTSG

CIN OF
MF TSG

BTFN TOWN ST BL FBS NBS
1 S T L S M O 0 9 1 4 T 0 4 T, INSERT NEWTSG A,

CIN OF
NEW TSG

NEWTSG

BTFN TOWN ST BL FBS NBS
1 S T L S M O 0 9 M F T 0 4 T, DNHRTYPE _ _,

RDBI RDBI RDBI RDBI

1 1, 5 9, 9 7, _ _,

_ _, _ _, _ _, _ _,

_ _, _ _, _ _, _ _,

_ _, _ _, _ _, _ _,

_ _, _ _, _ _, _ _,

_ _, _ _, _ _, _ _,

REMARKS C O N 1 1 1

_ _ _ _ _!

FIG. 2 - Sample of Completed RC Worksheet Form 513

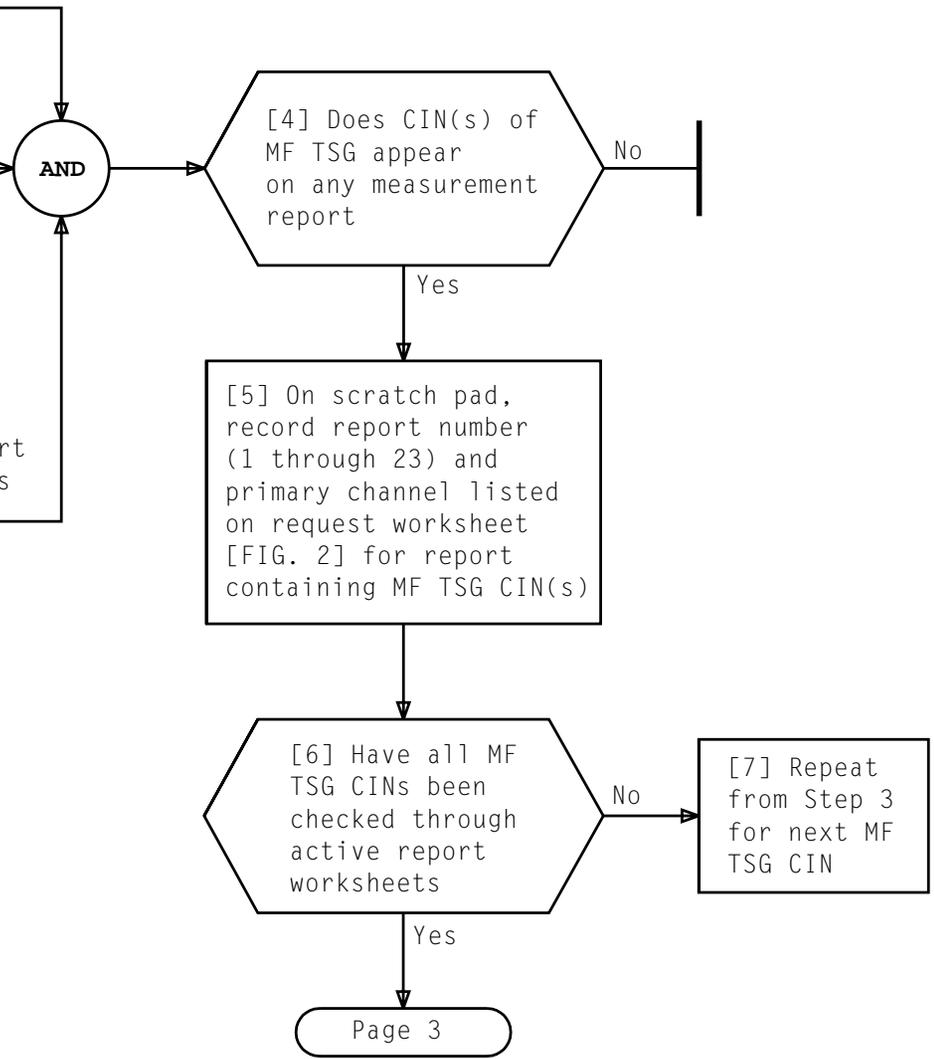
VERIFY CURRENT TRANSLATIONS DATA TO ADD NEW TSG TO RDBs

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[1] Create scratch pad with column headings per FIG. 1, Page 2

[2] On scratch pad [FIG. 1], record CIN(s) of MF TSG to be converted

[3] See NOTE 1. Using Traffic and Plant Measurement Report Logbook, search the **TRAFFIC AND PLANT MEASUREMENT REPORT REQUEST WORKSHEETS** [FIG. 2, Page 2] for each active report to determine if MF TSG CIN is listed



NOTE 1	
Performance of this procedure should be coordinated with the appropriate Traffic and Plant Measurement Report personnel. Addition of pseudo TSG(s) should be treated as a change to existing report	
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MF TSG CIN	REPORT NUMBER	PRIMARY CHANNEL	PSEUDO TSG CIN
1 STLS MO 09 14T 04T	1	TRF1	1 STLS MO 09 MFT 04T

MF TSG CIN TO BE CONVERTED →

← PSEUDO TSG CIN

REPORT NUMBER

PRIMARY CHANNEL

FIG. 1 - Sample Scratch Pad

TRAFFIC AND PLANT MEASUREMENT REPORT REQUEST WORKSHEET						PAGE <u>1</u> TO <u>1</u>
1	REQUESTER <u>JOHN DOE</u>	ORGANIZATION <u>TOC</u>	ADDRESS _____	TELEPHONE <u>855-4155</u>	DELIVER TO _____	
2	MEASUREMENT REPORT ACTIVITY	ESTABLISH <input type="checkbox"/>	CHANGE <input type="checkbox"/>	DISCONTINUE <input type="checkbox"/>	DATE <u>5-10-86</u>	
3	REPORT NO. (MEASREPT) <u>1</u>	PRIMARY CHANNEL (PRIM) <u>TRF1</u>	OUTPUT CHANNEL(S) (CHAN) <u>(1)TCA1</u>	(2) _____	(3) _____	(4) _____ (5) _____
4	MEASUREMENTS					
	DESCRIPTION	MSCOMS	DESCRIPTION	MSCOMS	DESCRIPTION	MSCOMS
	MF OUTGOING ATTEMPTS		MF OPERATOR PARTIAL			
	PEG COUNT	5 2	DIAL TIME-OUT PEG			
			COUNT	6 0		
	MF OPERATOR FALSE					
	START PEG COUNT	6 0				
	MF OPERATOR PARTIAL					
	DIAL ABANDON PEG COUNT	6 0				
5	TG/TSG CIN(S)		TG/TSG CIN(S)		TG/TSG CIN(S)	
	1 STLS MO 09 14T 04T		1 STLS MO 09 MFT 04T			
	101 CNCN OH WS 14T 04T					

MEASUREMENT REPORT NUMBER

PRIMARY CHANNEL

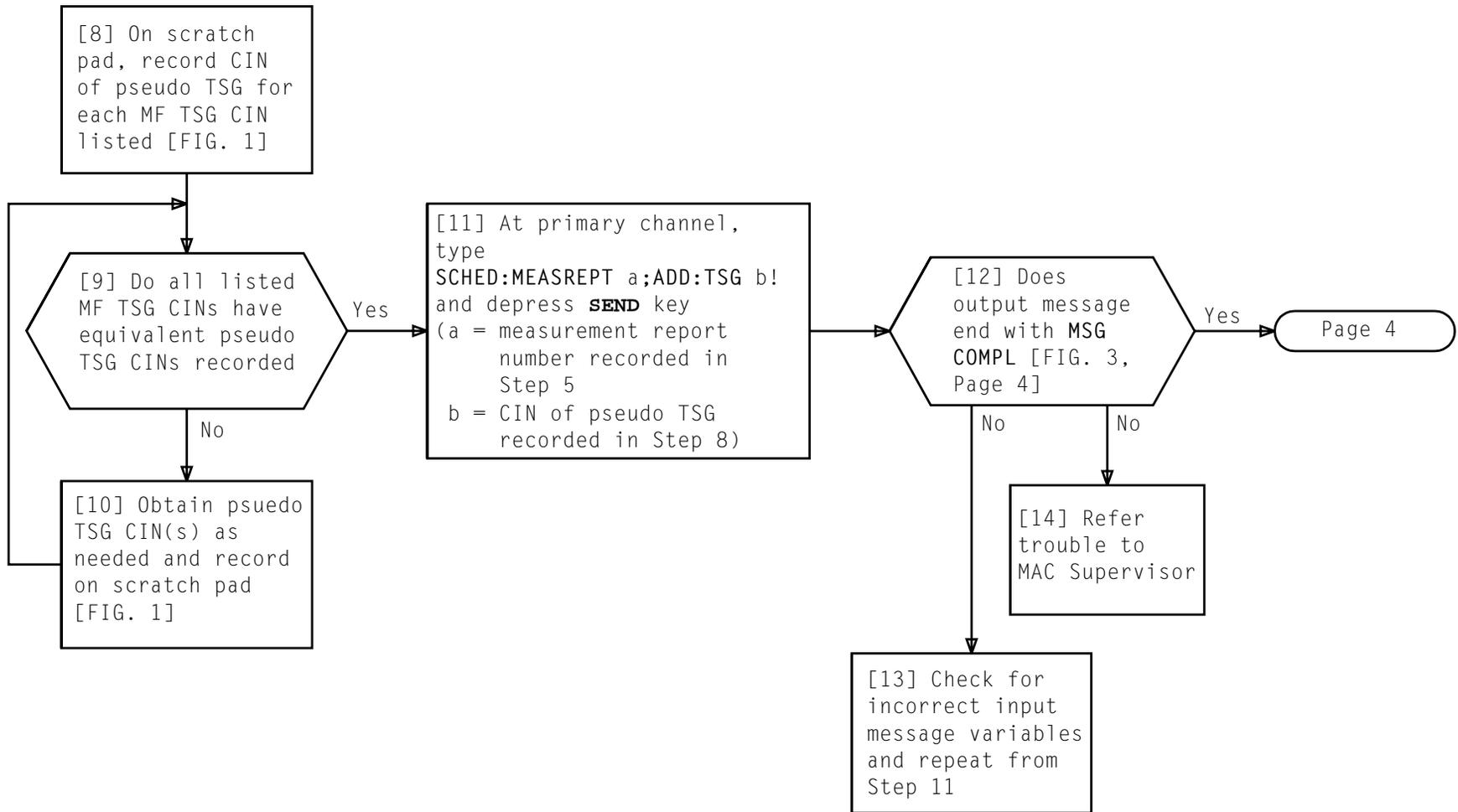
CIN OF MF TSG

CIN OF PSEUDO TSG

FIG. 2 - Sample of Traffic and Plant Measurement Report Request Worksheet

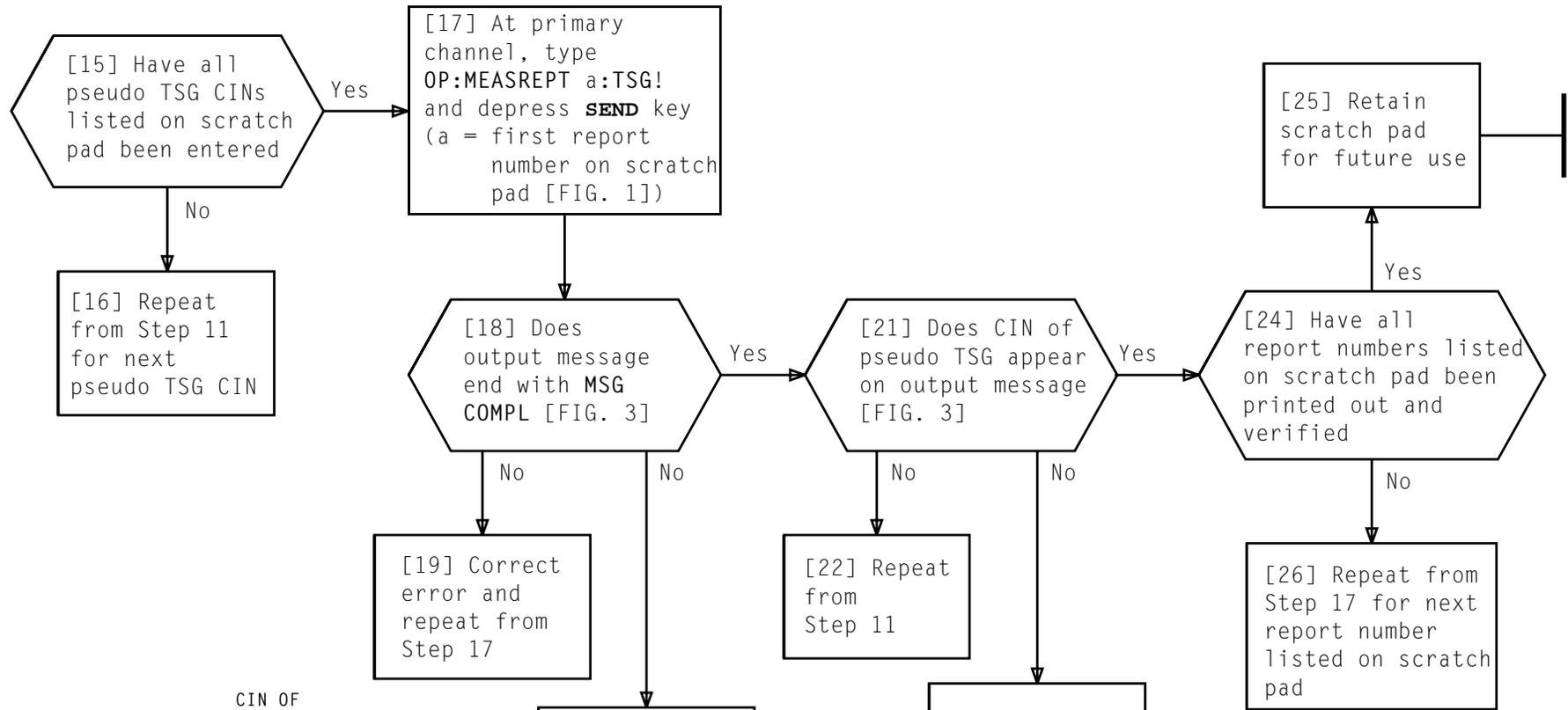
ADD PSEUDO TSG TO TRAFFIC AND PLANT MEASUREMENT REPORT(S)

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ADD PSEUDO TSG TO TRAFFIC AND PLANT MEASUREMENT REPORT(S)

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CIN OF MF TSG				CIN OF PSEUDO TSG			
CIN	SIZE	CIN	SIZE	CIN	SIZE	CIN	SIZE
0001 KSCY MO 01 5B1 57T	120	0101STKS MO 05 5B1 57T	24	0202TULS OK 07 2A1 57T	48	1 STLS MO 09 MFT 04T	1
0022ALBQ NM RT 1FL 57T	168						

FIG. 3 - Sample of Output Message Printout Showing Pseudo TSG CIN Added

ADD PSEUDO TSG TO TRAFFIC AND PLANT MEASUREMENT REPORT(S)

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[1] At RCDT, type
VER:TSG:CIN a!
 (a = TSG CIN from RC Worksheet
 Form 202) [FIG. 1, Page 2]

[2] Depress **SEND**
 key

CRT displays TSG
 characteristics

AND

[3] Has block of
 trunks to be deleted
 on RC Worksheet Form
 202 [FIG. 1] been
 deleted from CRT
 display [FIG. 2,
 Page 3]

Yes

No

No

[8] Refer
 trouble
 to MAC
 Supervisor

[4] Obtain and enter new RC ORNU
 on **4ESS SWITCH RECENT CHANGE**
 LOG SHEET [DLP-511]

[5] On Form 202 [FIG. 1], line out
 old ORNU and enter new ORNU
 obtained in Step 4

AND

[7] Repeat
 from Step 1

[6] Enter RCDM using RCDT
 [DLP-574]

VERIFY CURRENT TRANSLATIONS DATA TO DELETE TRUNKS FROM TSG

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```

M 07 VER:TSG;OPT(TWOWAY):
                                BTFN   TOWN   ST   BL   FBS   NBS
                                TSG   _ _ _ 1 S T L S M 0 0 9 1 4 T 0 4 T.
                                DPC   _ _ _ _ _ _ _ _ _ _
PCF _ _ _ _ _ ,   AOPC _ _ _ _ _ ,
FENCLASS _ _ _ _ _ , FENID _ _ _ _ _ ,   TFG _ ,   TSGBBC _ , VDCAP _ _ _ _ _ , DATAF _ ,
FEAREA _ _ _ _ _ , FESWID _ _ _ _ _ ,   EXSEQ _ ,   FEPTY _ ,
QTFN 1 0 0 8 ,   TOT I T 0 L L , SAT N ,   DOM P 0 T S , ACD _ ,   IT _ ,
FENPA 3 1 4 ,   FEOFC _ _ _ _ _ , FELATA _ _ 0 ,   FESC6 Y ,   IWZ1 N , LSST _ _ _ ,
MEM _ ,   PSES N ,   INSEP 1 0 ,   MTSC _ 0 ,   GNSC 0 ,   GEOSEP _ 0 ,
ISC _ M F D D S D , RFA Y ,   ADIG N ,   CID _ _ _ _ _ ,   CCIS2WRE N , CBNPR _ _ _ _ _ ,
OSC _ M F D D S D , RFMP N ,   DPSTOP N ,   DELAY _ 2 0 ,   MFSPEED _ Z , DNHR _ ,
XCPA _ ,   DNP _ ,   REV N ,   GLARE N ,   PSOLI _ ,
BN _ _ _ _ _ , BRL _ ,   ITC _ ,   GSDN _ ,   GSDNPHSE _ ,   EAS _ ,   NPARINH _ ,
WATSBN _ _ _ _ _ , PSBN _ _ _ _ _ , PSCPN _ ,   ANISID _ _ _ _ _ ,   WANISID _ _ _ _ _ ,   PSUUI _ ,
BNPT _ _ _ _ _ ,   WBNPT _ _ _ _ _ ,   CMERGE _ ,   SCFN _ ,   OVL P _ ,   PRIT _ ,
APS _ ,   CHNEG _ , PSATP _ ,   PBXESGD _ ,   PBXAW _ ,   FAR4E _ , DOFP _ ,   SBRIV _ ,
MEGC _ ,   SDNA _ , OWAT _ ,   DATA _ , CBC _ ,   DDD _ ,   IDDD _ ,   FOSPS _ ,   CCIF _ ,
SDNPLAN _ _ _ _ _ ,   BFTIS _ _ _ _ _ , BFTNI _ _ _ _ _ ,   SKSP _ ,   PBXNWW _ , HYBRD _ ,
INCID _ ,   ITELCO _ , S5DIG _ ,
ONCID _ ,   D3DBN _ ,   MULAW _ , CSCSET _ _ _ _ _ ,   CID _ _ _ _ _ ,
ANCR _ ,   ACCID _ _ _ _ _ ,   ACCDTA _ _ _ _ _ , PSTNG _ ,   FLDSPR _ ,
CAREA 2 ,   CPOS 0 ,   SINDEX _ _ _ _ _ ,   CODSC _ ,   NEOTR N ,   TRIDX _ _ _ _ _ ,
OTSTT I 1 0 3 , OTSTN _ _ _ _ _ 1 0 3 ,   OTMTT _ _ _ _ _ N , OTMTN _ _ _ _ _ _ _ _ _ _ ,
XTSTT I 1 0 5 , XTSTN _ _ _ _ _ 1 0 5 ,   XTMTT _ _ _ _ _ N , XTMTN _ _ _ _ _ _ _ _ _ _ ,
S1 _ , S2 _ , S3 _ , S4 _ , S5 _ , S6 _ , S7 _ , S8 _ , S9 _ , S10 _ ,
07/24/90 17:44:27
#963
M 07 VER:TSG;OPT(TRUNKS):
                                TAN
                                D1D2 N ,
QTRK   FTFN   TSI   SPC   LVL   FTS   FCHAN   STATUS
{ 12,    25    1,    1,    6,    13,    0,    ASN,
  48,    49,    2,    2,    6,    1,    0,    ASN,
  12,    201,   3,    1,    6,    49,    0,    ASN,
  12,    213,   4,    2,    6,    49,    0,    ASN,
}
07/24/90 17:44:42
#966

```

CIN OF MF TSG

BLOCK OF TRUNKS REMAINING IN TSG

FIG. 2 - Sample CRT Display of TSG Characteristics and Associated Trunks

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VERIFY CURRENT TRANSLATIONS DATA TO DELETE TRUNKS FROM TSG

On RC Worksheet Form 200 [FIG. 1, Page 2]:

[1] Identify QTRK assignment

[2] Identify TAN assignment

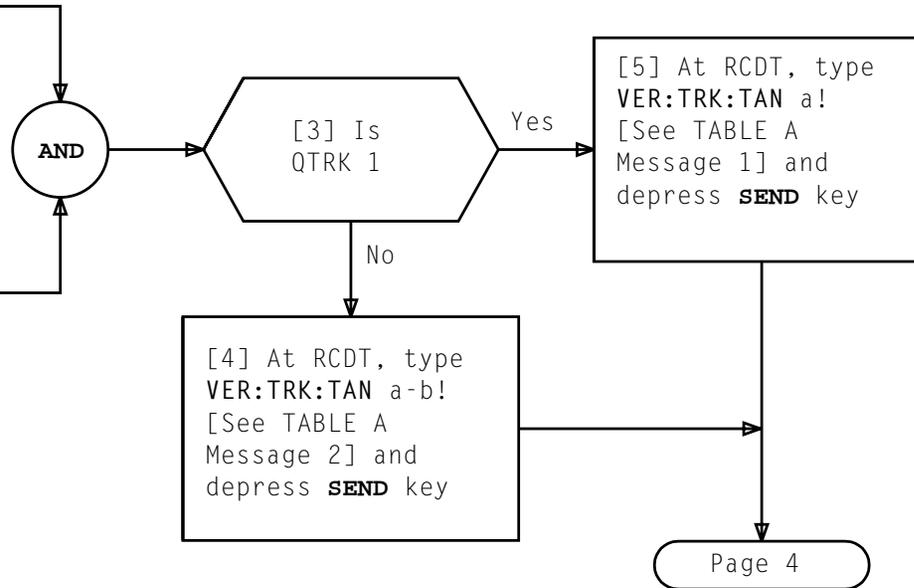


TABLE A INPUT VERIFY MESSAGES	
1. VER:TRK:TAN a! a = TAN assignment	
Example: VER:TRK:TAN 0116001!	
2. VER:TRK:TAN a-b! a = TAN assignment b = Last TAN in range of TANs to be verified. TANs Last Time Slot (LTS) = one less than QTRK added to First Time Slot (FTS)	
Example: VER:TRK:TAN 0116001-0116012!	<div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> FTS LTS </div>

FORM 200 DELETE MESSAGE TRUNKS
4ESS SWITCH

RC ORNU → RC:TRK;OUT;_ _ _ :
 ORNU 3 1 9 5 1 3,
 ES N,
 ES _ _,

BTFN TOWN ST BL FBS NBS
 TSG _ _ _ 1 S T L S M O 0 9 M F T 0 4 T, ← TSG
 D1D2 _ N,

QTRK ASSIGNMENT →

QTRK	FTFN	TSI	SPC	LVL	FTS
<u>2 4</u> ,	<u>8 7 0 1</u> ,	<u>_ 1</u> ,	<u>1</u> ,	<u>6</u> ,	<u>_ _ 1</u> ,
<u>_ _</u> ,	<u>_ _ _ _</u> ,	<u>_ _</u> ,	<u>_</u> ,	<u>_</u> ,	<u>_ _ _</u> ,
<u>_ _</u> ,	<u>_ _ _ _</u> ,	<u>_ _</u> ,	<u>_</u> ,	<u>_</u> ,	<u>_ _ _</u> ,
<u>_ _</u> ,	<u>_ _ _ _</u> ,	<u>_ _</u> ,	<u>_</u> ,	<u>_</u> ,	<u>_ _ _</u> ,
<u>_ _</u> ,	<u>_ _ _ _</u> ,	<u>_ _</u> ,	<u>_</u> ,	<u>_</u> ,	<u>_ _ _</u> ,

TAN ASSIGNMENT →

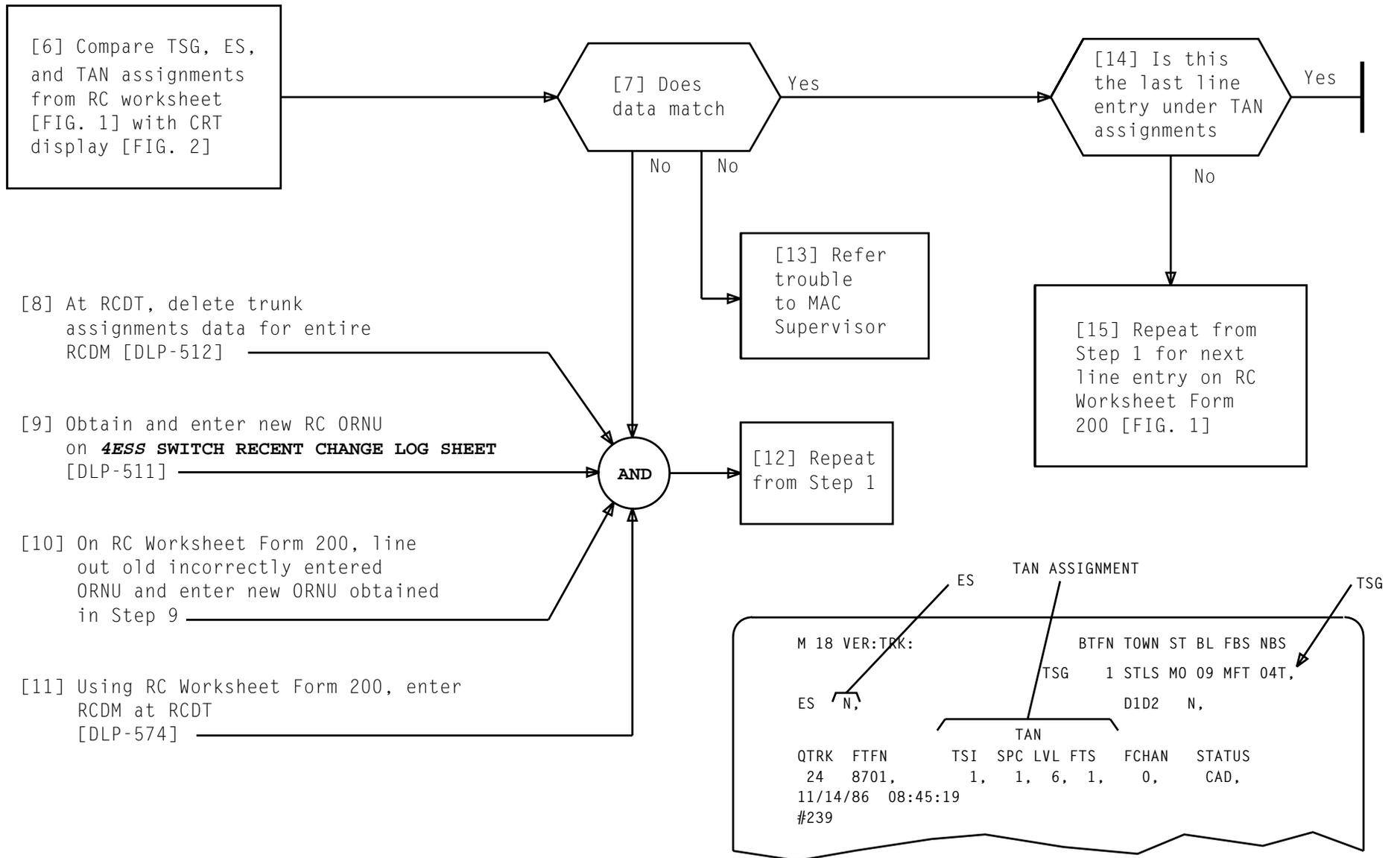
TAN

REMARKS C O N 1 1 1 - - - - - !

FIG. 1 - Sample of Partially Completed RC Worksheet Form 200

VERIFY CURRENT TRANSLATIONS DATA AND ADD TRUNKS TO TSG

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```

M 18 VER:TRK:          BTFN TOWN ST BL FBS NBS
                        TSG  1 STLS MO 09 MFT 04T,
ES  N,                D1D2  N,
                        TAN
QTRK  FTFN      TSI  SPC LVL FTS  FCHAN  STATUS
 24   8701,     1.   1.  6.  1.    0,    CAD,
11/14/86 08:45:19
#239
  
```

FIG. 2 - Sample CRT Display - Output Verify Message

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[1] At RCDT, type
VER:TSG:CIN a!
 (a = CCS TSG CIN) [FIG. 1, Page 2]

[2] Depress **SEND**
 key

CRT displays
 verify response

AND

[3] Does data
 on RC Worksheet
 Form 107 [FIG. 1]
 match data on CRT
 display [FIG. 2,
 Page 3]

Yes

No

No

[8] Refer
 trouble to
 MAC
 Supervisor

[4] Obtain and enter new RC ORNU on **4ESS SWITCH
 RECENT CHANGE LOG SHEET** [DLP-511]

[5] On RC worksheet, line out old incorrectly
 entered ORNU and enter new ORNU obtained
 in Step 4

AND

[7] Repeat
 from Step 1

[6] Enter RCDM using RCDT
 [DLP-574]

**VERIFY CURRENT TRANSLATIONS DATA TO CHANGE 2W TSG
 CHARACTERISTICS**

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FORM 107 TG-4
4E20

CHANGE A TWO-WAY TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;CHG;OPT(TWOWAY), A C T:

BTFN TOWN ST BL FBS NBS

ORNU 319516,

TSG 1 STLS M0 09 14T 04T

PCF _____, AOPC _____,

DPC _____,

TSG CIN

DATA
TO BE
CHANGED

FENCLASS _____, FENID _____, TFG _____, TSGBBC _____, VDCAP _____, DATAF _____,
FEAREA _____, FESWID _____, EXSEQ _____, FEPTY _____,
C1WT02W _____, TOT I T O L L, SAT N, DOM P O T S, ACD _____, IT _____,
FENPA 314, FEOFc _____, FELATA _____, FESC6 Y, IWZ1 _____, LSST _____,
MEM _____, PSES N, INSEP 1 0, MTSC 0, GNsc 0, GEOSEP 0,
ISC DOMCCIS, RFA Y, ADIG _____, CID _____, CCIS2WRE N, CBNPR _____,
OSC DOMCCIS, RFMP N, DPSTOP _____, DELAY _____, MFSPEED _____, DNHR _____,
XCPA 2, DNP _____, REV N, GLARE N, PSOLI _____,
BN _____, BRL _____, ITC _____, GSDN _____, GSDNPHSE _____, EAS _____, NPARINH _____,
WATSBN _____, PSBN _____, PSCPN _____, ANISID _____, WANISID _____, PSUUI _____,
BNPT _____, WBNPT _____, CMERGE _____, SCFN _____, OVLP _____, PRIT _____,
APS _____, CHNEG _____, PSATP _____, PBXESGD _____, PBXAW _____, FAR4E _____, DOFP _____, SBRIV _____,
MEGC _____, SDNA _____, OWAT _____, DATA _____, CBC _____, DDD _____, IDDD _____, FOSPS _____, CCIF _____,
SDNPLAN _____, BFTIS _____, BFTNI _____, SKSP _____, PBXNWW _____, HYBRD _____,
INCID _____, ITELCO _____, S5DIG _____, CID _____,
ONCID _____, D3DBN _____, MULAW _____, CSCSET _____, FLDSPR _____,
ANCR _____, ACCID _____, ACCDTA _____, PSTNG _____, CODSC _____, NEOTR N, TRIDX _____,
CAREA 1, CPOS 0, SINDEX _____, OTSTT _____ N, OTSTN _____, OTMTT _____ N, OTMTN _____,
XTSTT _____ N, XTSTN _____, XTMTT _____ N, XTMTN _____,
S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____,
REMARKS C O N 1 1 1 _____!

FIG. 1 - Sample of Partially Completed RC Worksheet Form 107 - 4E20 Generic Program

VERIFY CURRENT TRANSLATIONS DATA TO CHANGE 2W TSG
CHARACTERISTICS

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```

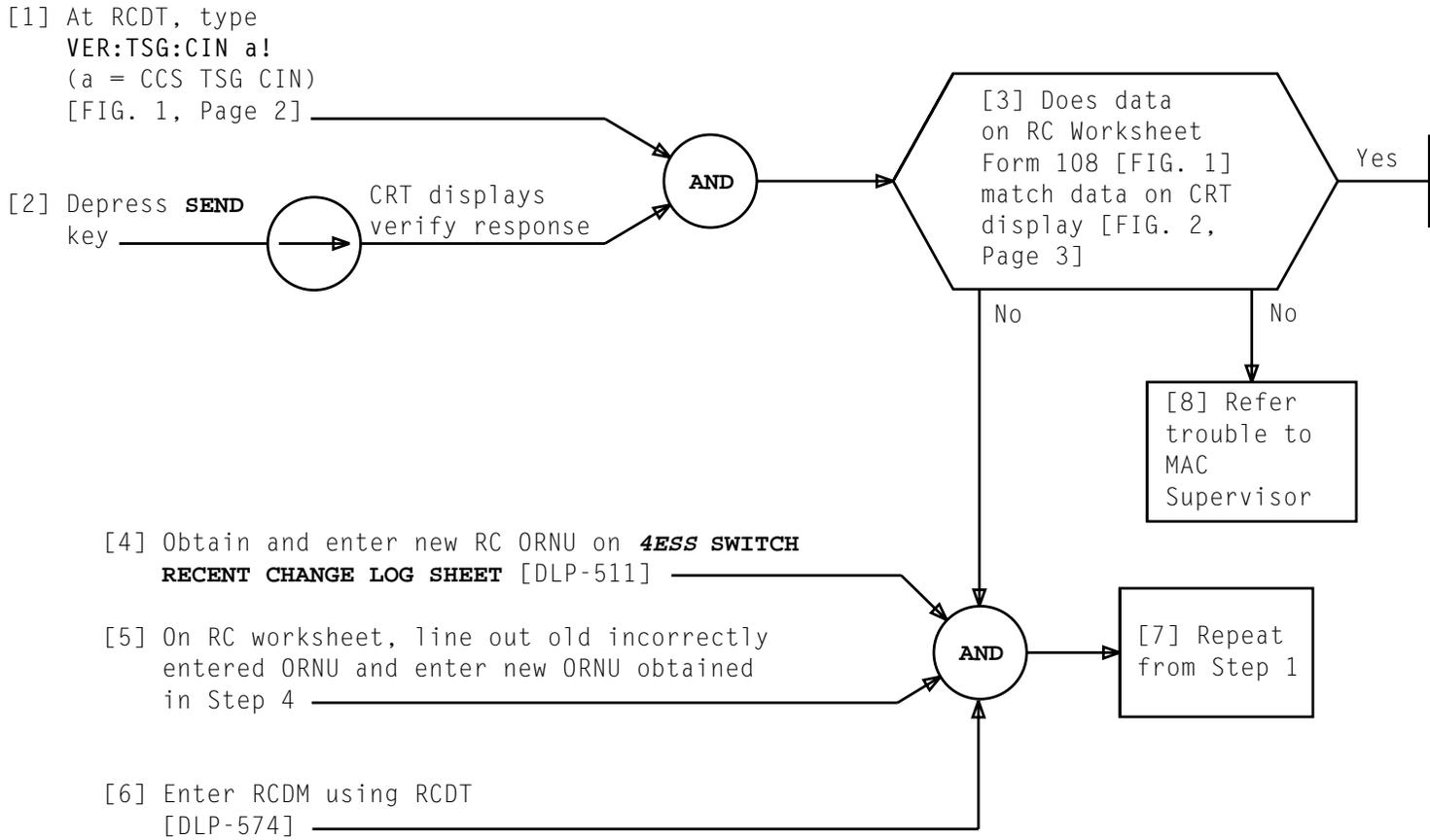
M 07 VER:TSG;OPT(TWOWAY):
                                BTFN   TOWN   ST   BL   FBS   NBS
                                TSG   _ 1 S T L S M O 0 9 1 4 T 0 4 T.
                                DPC   _ _ _ _ _ _ _ _ _ _
PCF _ _ _ _ ,   AOPC _ _ _ _ _ _ _ _ ,
                                TSG CIN
FENCLASS _ _ _ _ _ , FENID _ _ _ _ _ ,   TFG _ ,   TSGBBC _ , VDCAP _ _ _ _ , DATAF _ ,
FEAREA _ _ _ _ _ , FESWID _ _ _ _ _ _ _ _ _ _ ,   EXSEQ _ ,   FEPTY _ ,
QTFN 1 0 0 8 ,   TOT I T 0 L L , SAT N ,   DOM P 0 T S , ACD _ ,   IT _ ,
FENPA 3 1 4 ,   FEOFC _ _ _ _ , FELATA _ _ 0 ,   FESC6 Y ,   IWZ1 N , LSST _ _ _ _ ,
MEM _ ,   PSES _ ,   INSEP 1 0 ,   MTSC _ 0 ,   GNSC 0 ,   GEOSEP _ 0 ,
ISC _ M F D D S D , RFA Y ,   ADIG N ,   CID _ _ _ _ _ ,   CCIS2WRE N ,   CBNPR _ _ _ _ ,
OSC _ M F D D S D , RFMP N ,   DPSTOP N ,   DELAY _ 2 0 ,   MFSPEED _ Z , DNHR _ ,
XCPA _ ,   DNP _ ,   REV N ,   GLARE N ,   PSOLI _ ,
BN _ _ _ _ _ _ _ _ , BRL _ ,   ITC _ ,   GSDN _ ,   GSDNPHSE _ ,   EAS _ ,   NPARINH _ ,
WATSBN _ _ _ _ _ _ _ _ , PSBN _ _ _ _ , PSCPN _ _ ,   ANISID _ _ _ _ ,   WANISID _ _ _ _ ,   PSUUI _ ,
BNPT _ _ _ _ ,   WBNPT _ _ _ _ ,   CMERGE _ ,   SCFN _ ,   OVLP _ ,   PRIT _ _ _ _ _ ,
APS _ ,   CHNEG _ ,   PSATP _ ,   PBXESGD _ ,   PBXAW _ ,   FAR4E _ ,   DOFP _ ,   SBRIV _ ,
MEGC _ ,   SDNA _ ,   OWAT _ ,   DATA _ ,   CBC _ ,   DDD _ ,   IDDD _ ,   FOSPS _ ,   CCIF _ ,
SDNPLAN _ _ _ _ ,   BFTIS _ _ _ _ ,   BFTNI _ _ _ _ ,   SKSP _ ,   PBXNWW _ ,   HYBRD _ ,
INCID _ ,   ITELCO _ ,   S5DIG _ ,
ONCID _ ,   D3DBN _ ,   MULAW _ ,   CSCSET _ _ _ _ _ ,   CID _ _ _ _ _ ,
ANCR _ ,   ACCID _ _ _ _ ,   ACCDTA _ _ _ _ ,   PSTNG _ ,   FLDSPR _ ,
CAREA 2 ,   CPOS 0 ,   SINDEK _ _ _ _ ,   CODSC _ ,   NEOTR N ,   TRIDX _ _ _ _ ,
OTSTT I 1 0 3 , OTSTN _ _ _ _ _ _ _ _ 1 0 3 ,   OTMTT _ _ _ _ N , OTMTN _ _ _ _ _ _ _ _ ,
XTSTT I 1 0 5 , XTSTN _ _ _ _ _ _ _ _ 1 0 5 ,   XTMTT _ _ _ _ N , XTMTN _ _ _ _ _ _ _ _ ,
S1 _ , S2 _ , S3 _ , S4 _ , S5 _ , S6 _ , S7 _ , S8 _ , S9 _ , S10 _ ,
07/24/90 17:44:27
#963
M 19 VER: MESSAGE
NO DATA FOUND
07/24/90 17:44:42

```

FIG. 2 - Sample CRT Display - Output Verify Message

VERIFY CURRENT TRANSLATIONS DATA TO CHANGE 2W TSG CHARACTERISTICS

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**VERIFY CURRENT TRANSLATIONS DATA TO CHANGE 1WI TSG
CHARACTERISTICS**

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FORM 108 TG-4
4E20

CHANGE A ONE-WAY
INCOMING TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;CHG;OPT(INIWAY), A C T:

BTFN TOWN ST BL FBS NBS

ORNU 319517,

TSG 101 STLS MO 09 14T 04T,

TSG CIN

PCF _____, AOPC _____,

DPC _____,

FENCLASS _____, FENID _____,

TFG _____, TSGBBC _____,

TOT I T O L L, SAT N,

DOM P O T S, IT _____,

FENPA 314, FEOFCL _____, FELATA _____,

FESC6 Y, IWZ1 _____, LSST _____,

MEM _____, PSES N, INSEP 10,

MTSC 0, GNCS 0, GEOSEP 0,

ISC D O M C C I S, RFA N, ADIG _____,

CCIS2WRE N, CBNPR _____,

BN _____, BRL _____, ITC _____, GSDN _____,

GSDNPHSE _____, EAS _____, CMTYP _____, NPARINH _____,

WATSBN _____,

PSUUI _____,

BNPT _____, WBNPT _____, CMERGE _____,

SCFN _____, OVLPL _____, PRIT _____,

APS _____, PSATP _____, PBXESGD _____,

PBXAW _____, FAR4E _____,

MEGC _____, SDNA _____, OWAT _____, DATA _____, CBC _____,

DDD _____, IDDD _____, FOSPS _____,

SDNPLAN _____, BFTIS _____, BFTNI _____,

SKSP _____, PBXNW _____, HYBRD _____,

INCLD _____, ITELCO _____, S5DIG _____,

ANCR _____, ACCID _____, ACCDTA _____, PSTNG _____,

FLDSPR _____,

CAREA 2, CPOS 5, SINDEK _____,

S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____,

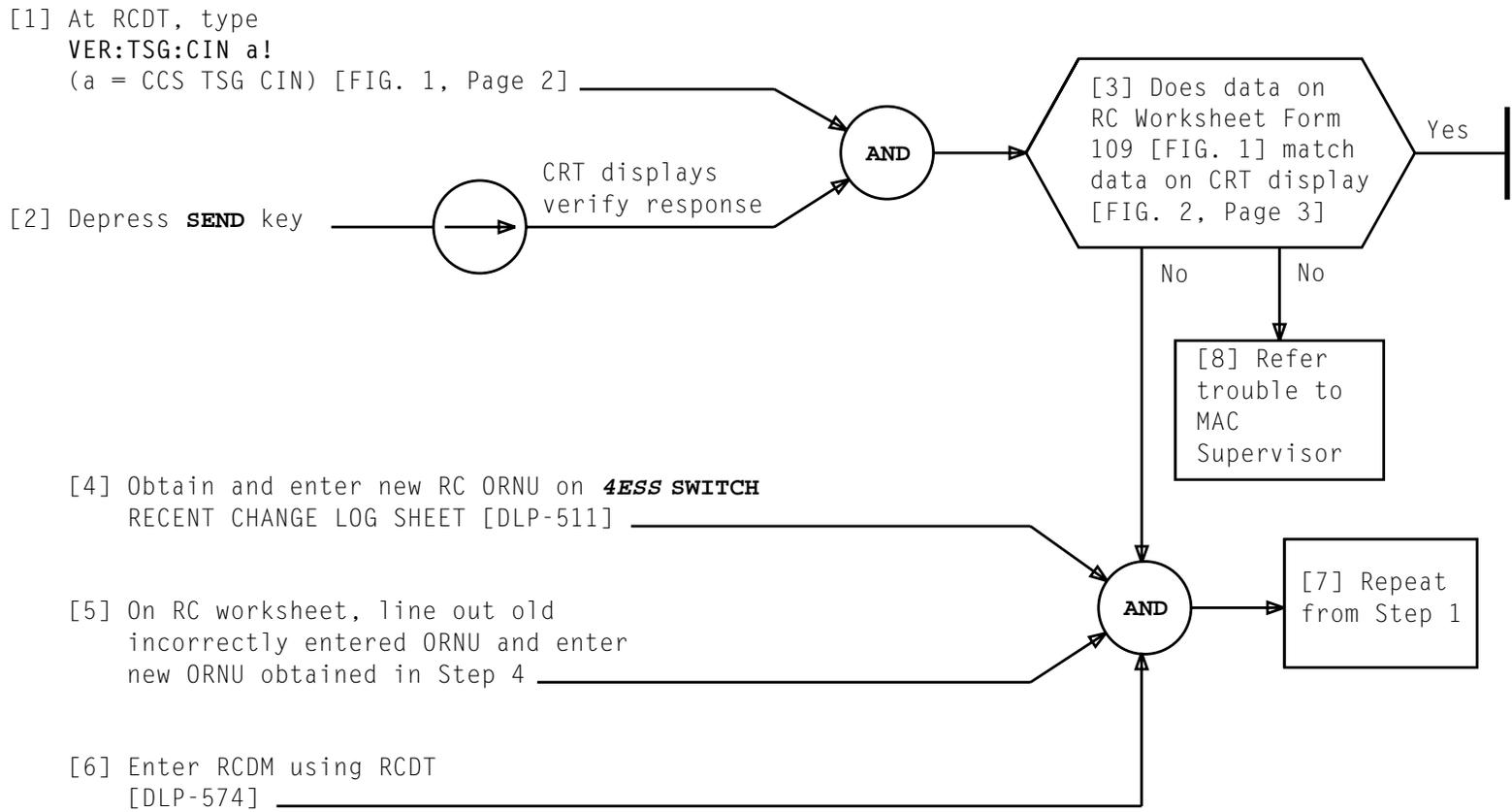
REMARKS C O N 1 1 1 _____!

DATA TO BE
CHANGED

FIG. 1 - Sample of Partially Completed RC Worksheet Form 108 - 4E20 Generic Program

VERIFY CURRENT TRANSLATIONS DATA TO CHANGE 1WI TSG
CHARACTERISTICS

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VERIFY CURRENT TRANSLATIONS DATA TO CHANGE 1WO TSG CHARACTERISTICS

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```

# FORM 109 TG-4          CHANGE THE CHARACTERISTICS OF AN EXISTING ONE-WAY
4E20                    OUTGOING TRUNK SUBGROUP
                        4ESS SWITCH
                        4E20 GENERIC PROGRAM

RC:TSG;CHG;OPT(OUT1WAY), A C I:
ORNU 3 1 9 5 1 8,          TSG 3 0 1 S T L S M O 0 9 1 4 T 0 4 T,
PCF     ,          AOPC     ,          DPC     ,
BTFN   TOWN   ST   BL   FBS   NBS

```

```

FENCLASS     , FENID     ,          TFG     , TSGBBC     ,
TOT I T O L L, SAT N,          DOM P O T S, ACD     ,
FENPA 3 1 4,          FE OFC     , FELATA     ,          IWZ1     ,
MEM     ,          PSES N,
OSC D O M C C I S, RFMP N,          DPSTOP     , DELAY     ,          CCIS2WRE N,
XCPA 1,          DNP     ,          PSOLI     ,
CID     ,
BN     , BRL     ,          GSDN     ,
PSBN     , PSCP     ,          ANISID     , WANISID     , PSUUI     ,
BNPT     ,          CMERGE     ,          SCFN     ,          PRIT     ,
APS     , CHNEG     ,          PSATP     ,          DOFP     , SBRIV     ,
FOSPS     , CCIF     ,
ONCID     , D3DBN     , MULAW     , CSCSET     ,          CID     ,
ANCR     , ACCID     , ACCDTA     , PSTNG     ,          FLDSPR     ,
CAREA 6,          CPOS 2,          SINDEXT     ,          CODSC     ,          NEOTR N,          TRIDX     ,
OTSTT      N,          OTSTN     ,          OTMTT      N,          OTMTN     ,
XTSTT      N,          XTSTN     ,          XTMTT      N,          XTMTN     ,
S1     , S2     , S3     , S4     , S5     , S6     , S7     , S8     , S9     , S10     ,
REMARKS C O N 1 1 1

```

DATA TO BE CHANGED

TSG CIN

FIG. 1 - Sample of Partially Completed RC Worksheet Form 109 - 4E20 Generic Program

VERIFY CURRENT TRANSLATIONS DATA TO CHANGE 1WO TSG CHARACTERISTICS

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```

M 48 VER:TSG,OPT(IN1WAY):
                                BTFN   TOWN   ST   BL   FBS   NBS
                                TSG 5501 GNBO NC EU 05T 03T,
                                DPC _____,
PCF _____,   AOPC _____,
FENCLASS _____, FENID _____,   TFG __,   TSGBBC __,
QTFN 192,   TOT TSPS_, SAT N,   DOM POTS_,   IT __,
FENPA 919,   FEOFC ___, FELATA __ 0,   FESC6 __,   IWZ1 N,   LSST ___,
MEM Y,   PSES __,   INSEP ___,   MTSC ___,   GNSC __,   GEOSEP ___,
ISC MFDDSD,   RFA Y,   ADIG __,   CCIS2WRE __,   CBNPR ___,
BN _____, BRL S,   ITC __,   GSDN __,   GSDNPHSE __,   EAS __,   CMTYP __,   NPARINH __,
WATSBN _____,   PSUUI __,
BNPT ___,   WBNPT ___,   CMERGE __,   SCFN __,   OVLP __,   PRIT ___,
APS N,   PSATP __,   PBXESGD __,   PBXAW __,   FAR4E __,
MEGC __,   SDNA __,   OWAT __,   DATA __,   CBC __,   DDD __,   IDDD __,   FOSPS __,
SDNPLAN ___,   BFTIS ___,   BFTNI ___,   SKSP __,   PBXNWW __,   HYBRD __,
INCID __,   ITELCO __,   S5DIG __,
ANCR __,   ACCID __,   ACCDTA __,   PSTNG __,   FLDSPR __,
CAREA 1,   CPOS 0,   SINDEX ___,
S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __,
07/24/90 17:48:19
#847
M 48 VER:MESSAGE
NO DATA FOUND
07/24/90 17:48:44

```

TSG CIN

FIG. 2 - Sample CRT Display - Output Verify Message

VERIFY CURRENT TRANSLATIONS DATA TO CHANGE 1WI TSG CHARACTERISTICS

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On RC Worksheet Form 203

[FIG. 1, Page 2]:

[1] Identify QTRK assignment

[2] Identify TAN assignment

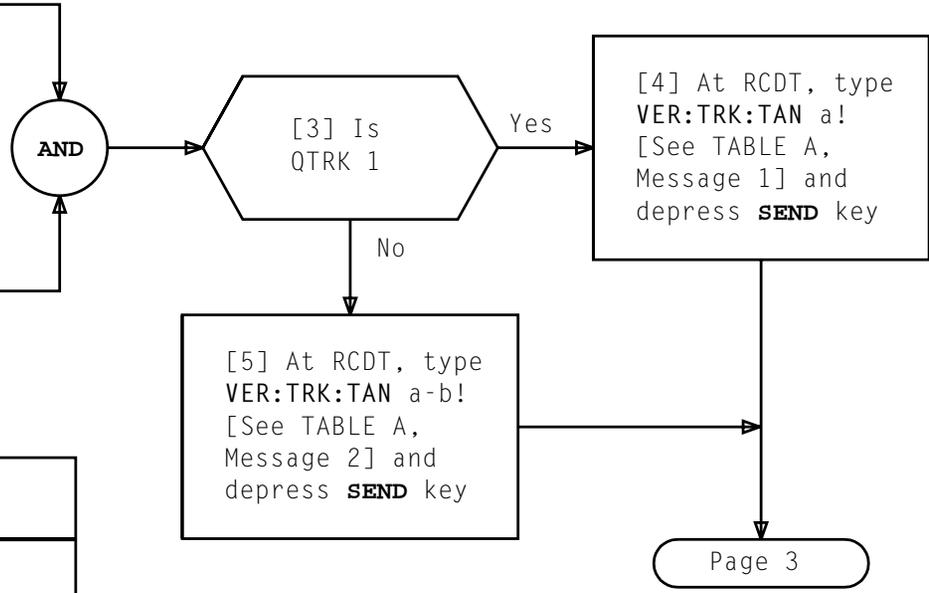
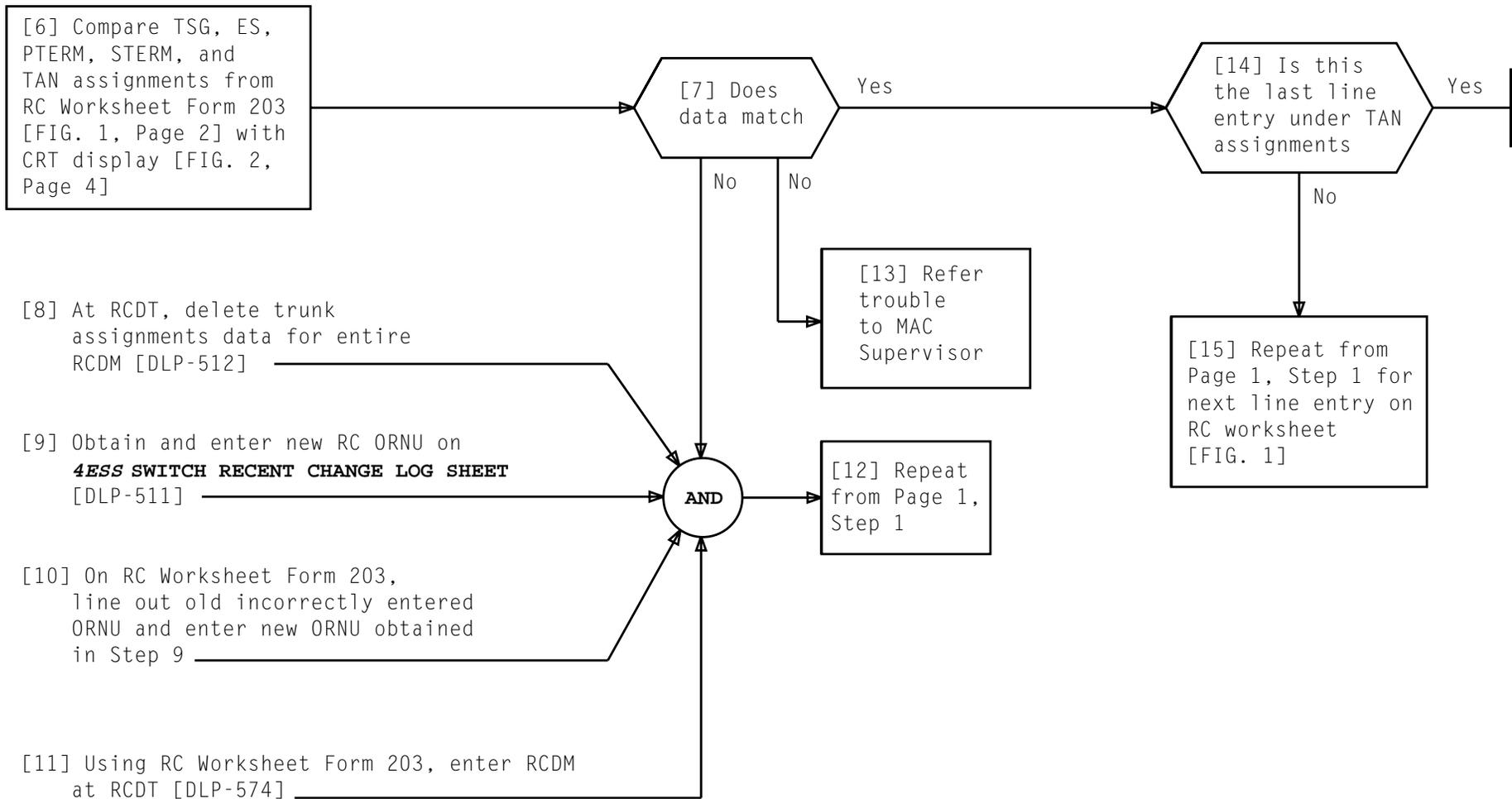


TABLE A INPUT VERIFY MESSAGES	
1. VER:TRK:TAN a! a = TAN assignment	
Example: VER:TRK:TAN 0116001!	
2. VER:TRK:TAN a-b! a = TAN assignment b = Last TAN in range of TANs to be verified. TANs Last Time Slot (LTS) = one less than QTRK added to First Time Slot (FTS)	
Example: VER:TRK:TAN 0116001-0116012!	



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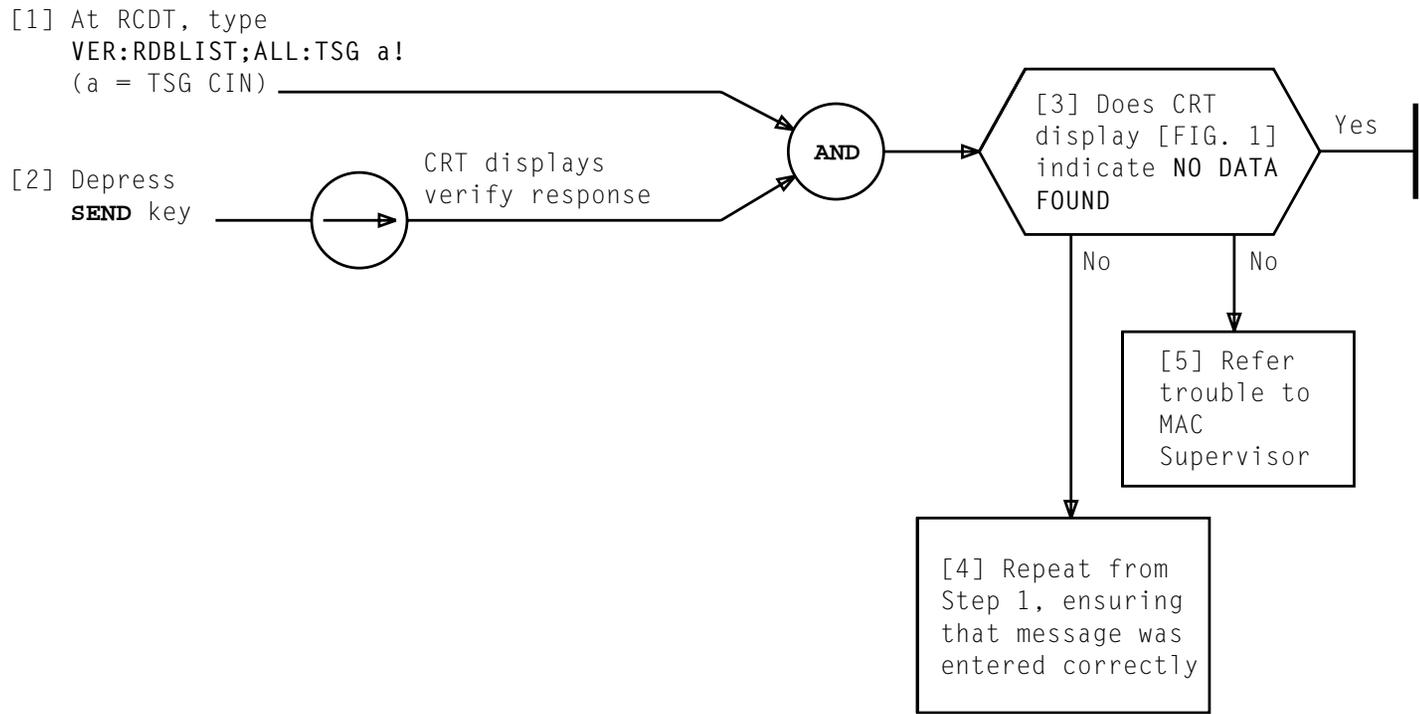
```

M 19 VER:TRK;OPT(CCS):                                BTFN TOWN ST BL FBS NBS
                                                    TSG      1 STLS MO 09 06T 04T
ES      N,                                                    PTERM 0,
                                                    STERM 1,
QTRK FTFN      TSI  TAN  SPC LVL FTS      LABEL  FCIC  VCR  BBC  SCGA
12,  1,  1,  1,  6,  1,  001,  0,  ,  ,  ,  ,

```

LINE ENTRY →

FIG. 2 - Sample CRT Display - Output Verify Message



```

M 34 VER:MESSAGE:                CODE 3, 111
      NO DATA FOUND

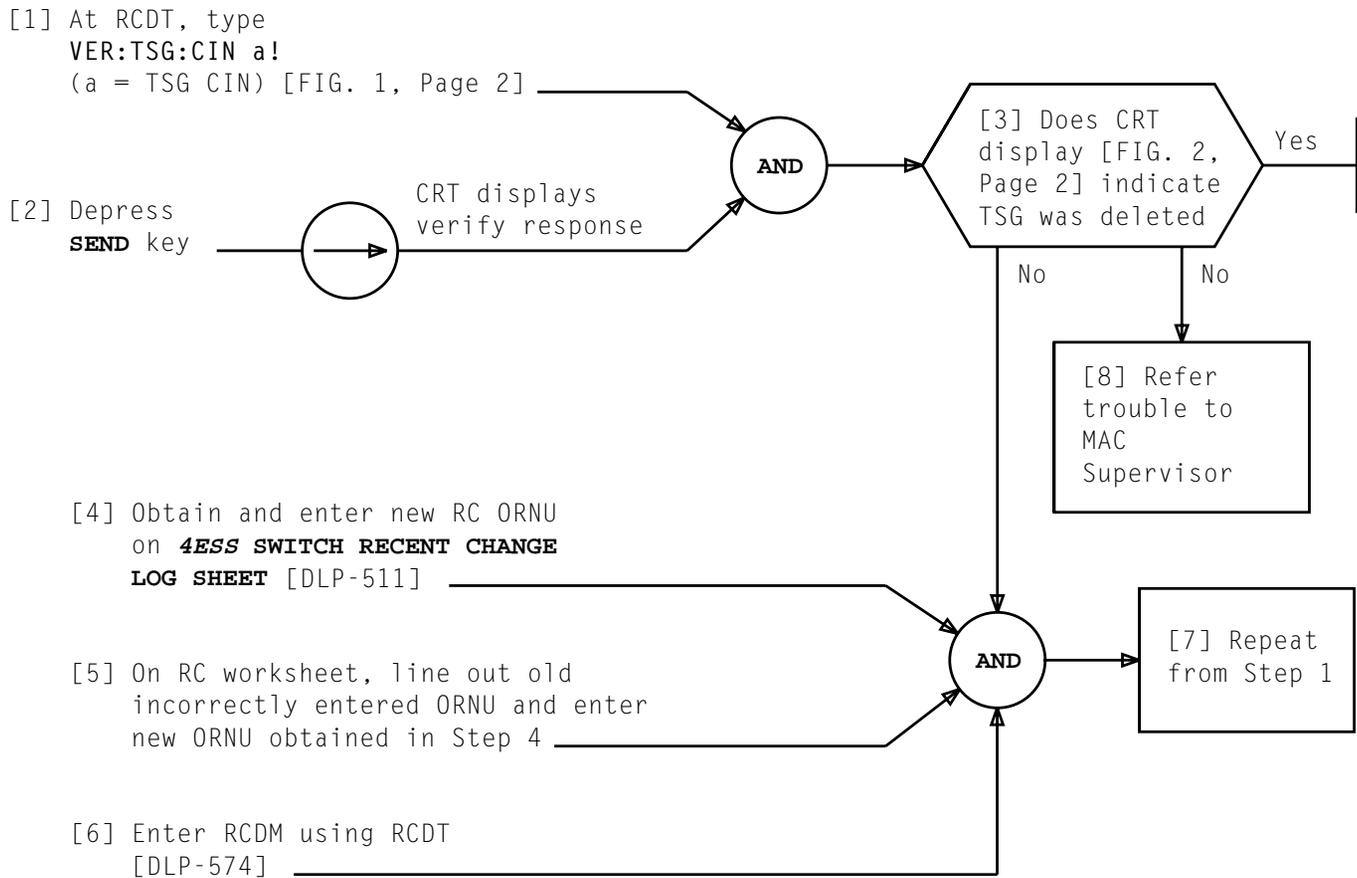
      #981

                        11/14/86  12:10:20
  
```

FIG. 1 - Sample CRT Display - Output Verify Message

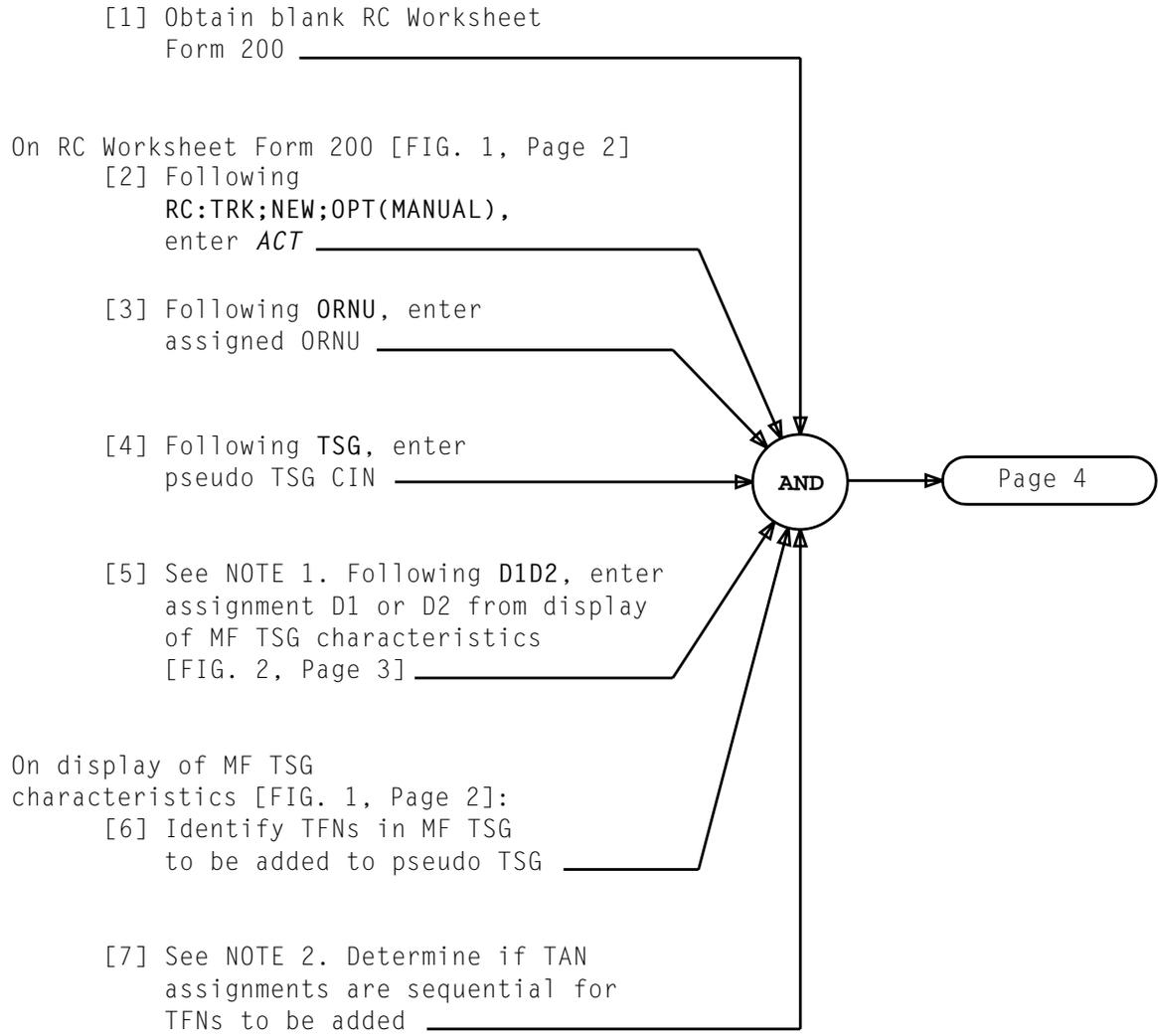
VERIFY CURRENT TRANSLATIONS DATA TO DELETE TSG FROM RDBs

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VERIFY CURRENT TRANSLATIONS DATA TO DELETE TSG

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NOTES

1. A DID2 entry on MF TSG characteristics of N requires a blank entry on RC Worksheet Form 200
2. A TAN is sequential as long as TSI, SPC, and LVL data remains unchanged and time slots change in sequence within range 001 thru 120

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```

M 07 VER:TSG;OPT(TWOWAY):
                                BTFN  TOWN  ST  BL  FBS  NBS
                                TSG  _ 1 S T L S M O 0 9 1 4 T 0 4 T.
                                DPC  _ _ _ _ _ _ _ _ _ _
PCF  _ _ _ _ ,   AOPC  _ _ _ _ _ _ _ _ ,
FENCLASS  _ _ _ _ _ , FENID  _ _ _ _ _ ,   TFG  _ ,   TSGBBC  _ , VDCAP  _ _ _ _ , DATAF  _ ,
FEAREA  _ _ _ _ _ , FESWID  _ _ _ _ _ ,   EXSEQ  _ ,   FEPTY  _ ,
QTFN  1 0 0 8 ,   TOT  I T O L L , SAT  N ,   DOM  P O T S , ACD  _ ,   IT  _ ,
FENPA  3 1 4 ,   FEOFC  _ _ _ , FELATA  _ _ 0 ,   FESC6  Y ,   IWZ1  N , LSST  _ _ ,
MEM  _ ,   PSES  _ ,   INSEP  1 0 ,   MTSC  _ 0 ,   GNSC  0 ,   GEOSEP  _ 0 ,
ISC  _ M F D D S D , RFA  Y ,   ADIG  N ,   CID  _ _ _ _ ,   CCIS2WRE  N , CBNPR  _ _ _ _ ,
OSC  _ M F D D S D , RFMP  N ,   DPSTOP  N ,   DELAY  _ 2 0 ,   MFSPEED  _ Z , DNHR  _ ,
XCPA  _ ,   DNP  _ ,   BN  _ _ _ _ _ , BRL  _ ,   ITC  _ , GSDN  _ ,   GSDNPHSE  _ ,   EAS  _ ,   NPARINH  _ ,
WATSBN  _ _ _ _ _ , PSBN  _ _ _ _ , PSCPN  _ _ ,   ANISID  _ _ _ , WANISID  _ _ _ ,   PSUUI  _ ,
BNPT  _ _ _ _ ,   WBNPT  _ _ _ _ , CMERGE  _ ,   SCFN  _ ,   OVLP  _ ,   PRIT  _ ,
APS  _ ,   CHNEG  _ , PSATP  _ ,   PBXESGD  _ ,   PBXAW  _ ,   FAR4E  _ , DOFP  _ ,   SBRIV  _ ,
MEGC  _ ,   SDNA  _ , OWAT  _ ,   DATA  _ , CBC  _ ,   DDD  _ ,   IDDD  _ ,   FOSPS  _ , CCIF  _ ,
SDNPLAN  _ _ _ ,   BFTIS  _ _ , BFTNI  _ _ ,   SKSP  _ ,   PBXNW  _ , HYBRD  _ ,
INCID  _ ,   ITELCO  _ , S5DIG  _ ,
ONCID  _ ,   D3DBN  _ , MULAW  _ , CSCSET  _ _ _ _ ,   CID  _ _ _ _ ,
ANCR  _ ,   ACCID  _ _ , ACCDTA  _ _ , PSTNG  _ ,   FLDSPR  _ ,
CAREA  2 ,   CPOS  0 ,   SINDEX  _ _ _ ,   CODSC  _ ,   NEOTR  N ,   TRIDX  _ _ _ ,
OTSTT  T 1 0 3 , OTSTN  _ _ _ _ _ 1 0 3 ,   OTMTT  _ _ _ N , OTMTN  _ _ _ _ _ ,
XTSTT  T 1 0 5 , XTSTN  _ _ _ _ _ 1 0 5 ,   XTMTT  _ _ _ N , XTMTN  _ _ _ _ _ ,
S1  _ , S2  _ , S3  _ , S4  _ , S5  _ , S6  _ , S7  _ , S8  _ , S9  _ , S10  _ ,
07/24/90  17:44:27
#963
M 07 VER:TSG;OPT(TRUNKS):
                                TAN
                                QTRK  FTFN  TSI  SPC  LVL  FTS  FCHAN  STATUS
                                { 48, 1, 1, 1, 6, 1, 0, ASN,
                                { 48, 49, 2, 2, 6, 1, 0, ASN,
                                { 12, 201, 3, 1, 6, 49, 0, ASN,
07/24/90  17:44:42
$966

```

CIN OF MF TSG

D1D2 CHANNEL BANK ASSIGNMENT

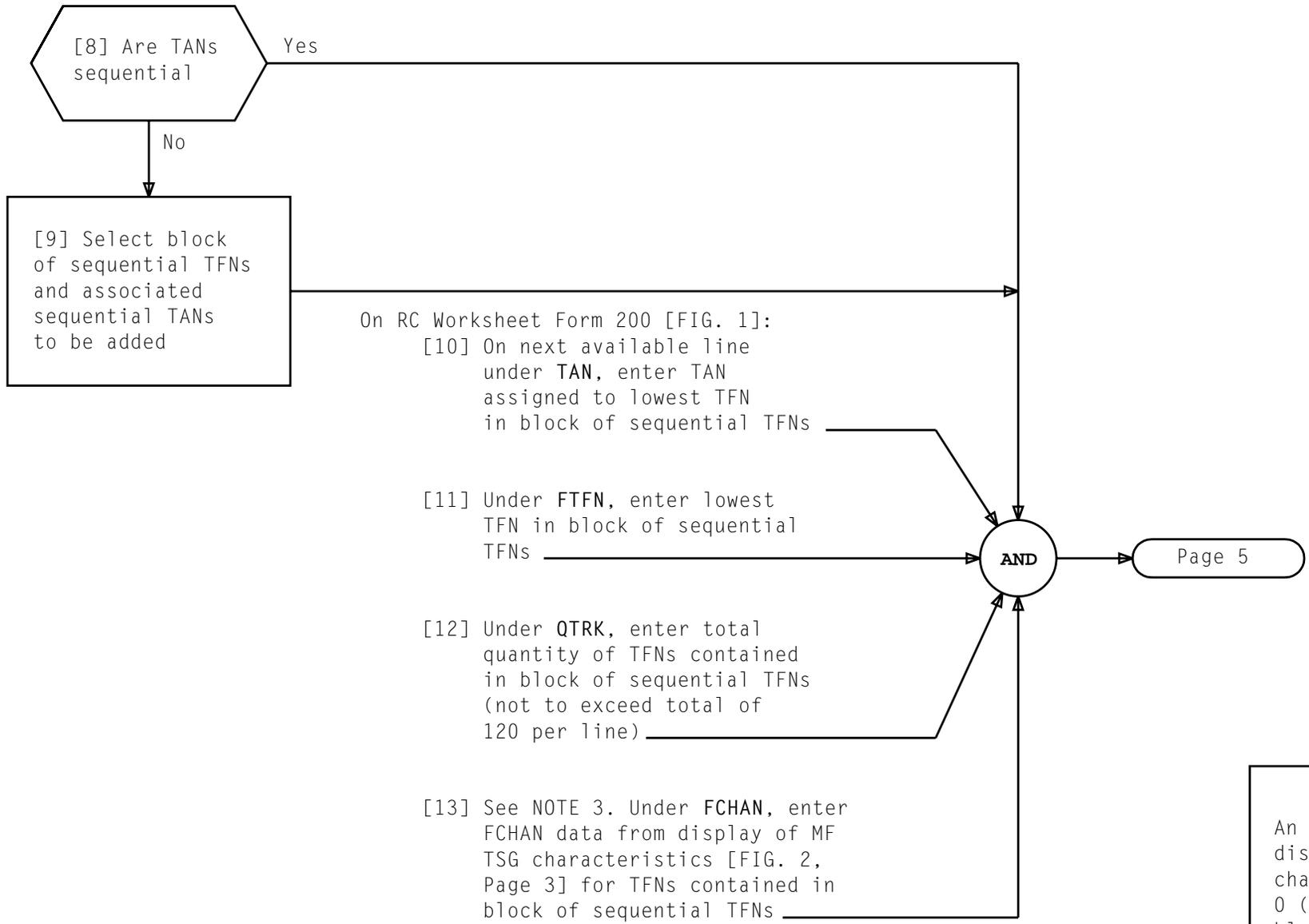
TAN ASSIGNMENTS FOR TRUNKS IN TSG

FCHAN DATA

TSG TRUNK ASSIGNMENTS

FIG. 2 - Sample CRT Display of MF TSG Characteristics and Associated Trunks

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NOTE 3	
An FCHAN entry on display of MF TSG characteristics of 0 (zero) requires a blank entry on RC Worksheet Form 200	
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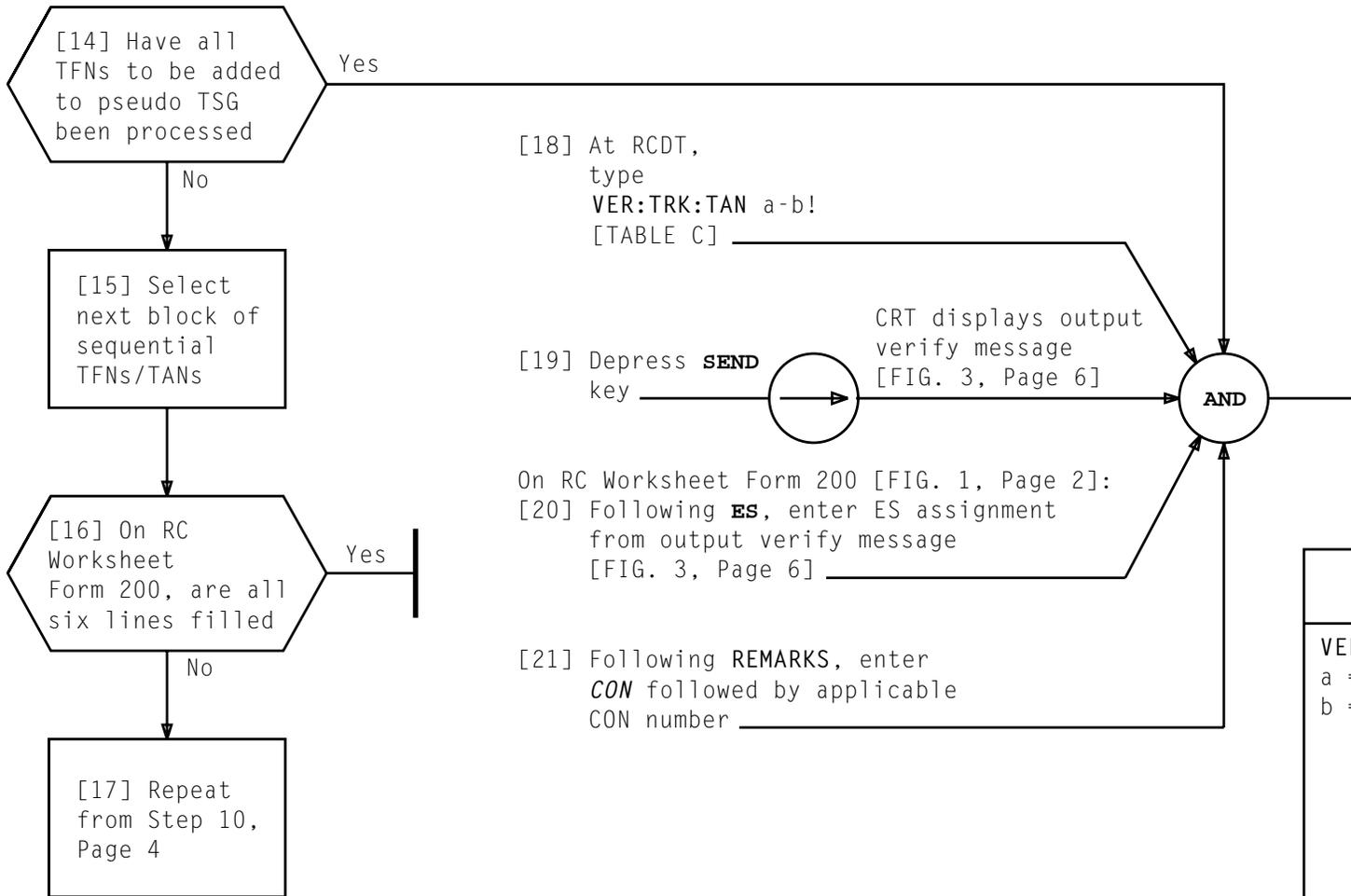
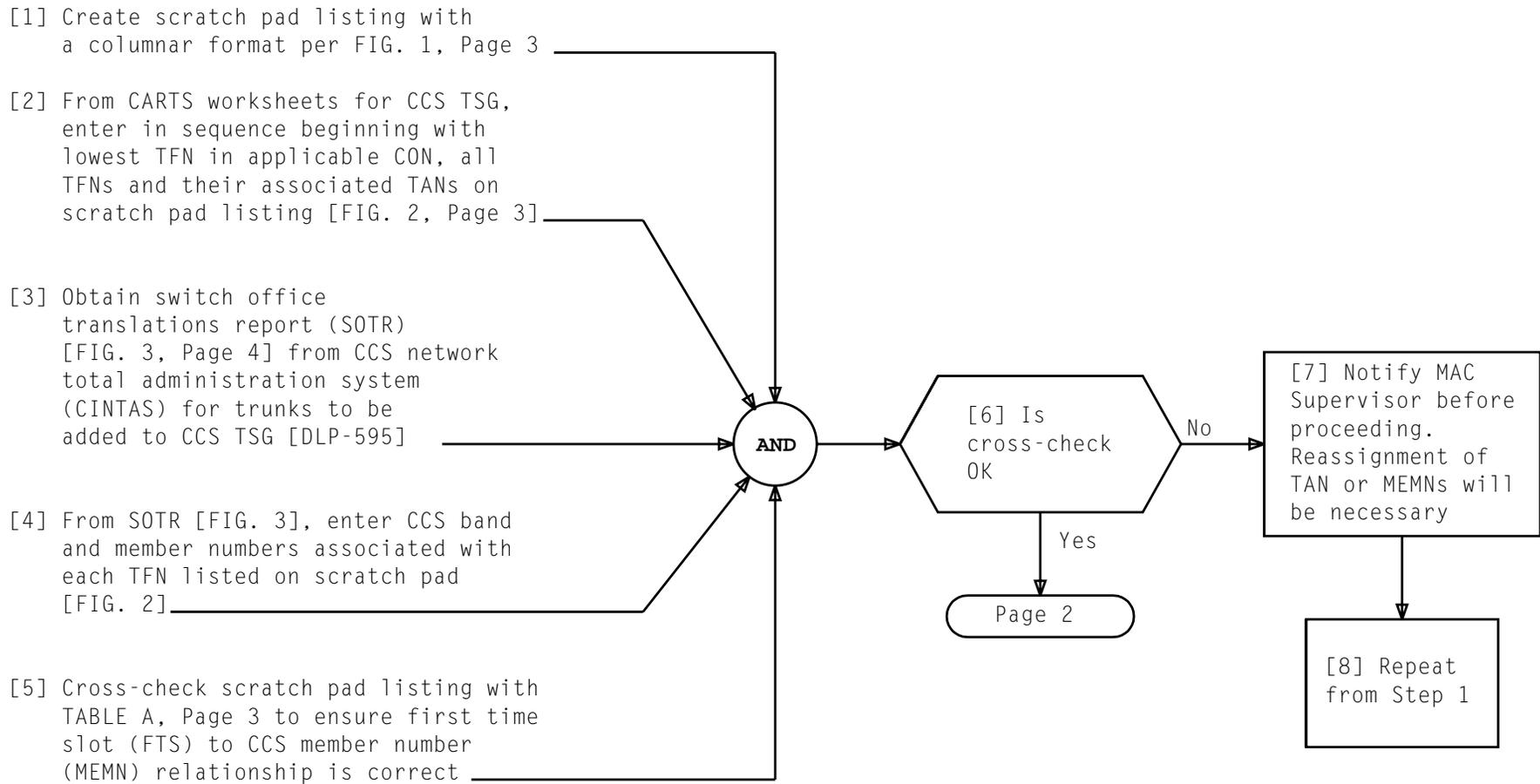


TABLE C INPUT MESSAGE VARIABLES	
VER:TRK:TAN a-b!	
a = TAN assignment	
b = Last TAN in range of TANS Last Time Slot (LTS) – one less than QTRK from line entry [FIG. 1, Page 2] added to First Time Slot (FTS)	
EXAMPLE:	
FTS	LTS
VER:TRK:TAN 0116001-0116012	

ECHO SUPPRESSOR (ES)
ASSIGNMENT

```
VER:TRK:
          TSG    1 STLS M0 09 14T 04T,
ES N,          DID2 N,
          TAN
QTRK  FTFN      TSI  SPC  LVL  FTS    FCHAN    STATUS
12,   1,       1,   1,   6,   1,     0,      ASN,
```

FIG. 3 - Sample CRT Display of Output Verify Message



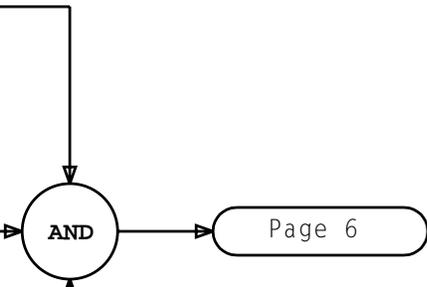
LIST TFNs, TANS, CCS LABEL ASSIGNMENTS, AND IDENTIFY COMPLETE AND INCOMPLETE MINIMODULES

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[9] See NOTE 1. On scratch pad listing [FIG. 4, Page 5], identify as blocks beginning with lowest TFN, blocks of sequential TFNs with associated sequential TANS

[10] See NOTE 2. On scratch pad listing [FIG. 5, Page 5], identify within each block additional secondary blocks containing sequential MEMNs that have common band number

[11] See NOTE 3. On scratch pad listing [FIG. 6, Page 6], identify within each secondary block complete or incomplete minimodules per TABLE B, Page 3



- NOTES
1. A TAN is sequential as long as TSI, SPC, and LVL data remains unchanged and time slots change in sequence within range 001 through 120
 2. CCS MEMNs are sequential when numbers change in sequence within range 0 through 15
 3. A complete minimodule must contain four MEMNs per TABLE B. An incomplete minimodule is one that is missing an associated MEMN per TABLE B

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LIST TFNs, TANS, CCS LABEL ASSIGNMENTS, AND IDENTIFY COMPLETE AND INCOMPLETE MINIMODULES

TABLE A TIME SLOT TO CCS MEMN RELATIONSHIPS	
TIME SLOT	CCS MEMN
1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 93, 97, 101, 105, 109, 113, 117	0, 4, 8, 12
2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46, 50, 54, 58, 62, 66, 70, 74, 78, 82, 86, 90, 94, 98, 102, 106, 110, 114, 118	1, 5, 9, 13
3, 7, 11, 15, 19, 23, 27, 31, 35, 39, 43, 47, 51, 55, 59, 63, 67, 71, 75, 79, 83, 87, 91, 95, 99, 103, 107, 111, 115, 119	2, 6, 10, 14
4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 84, 88, 92, 96, 100, 104, 108, 112, 116, 120	3, 7, 11, 15

TABLE B CCS MINIMODULES WITHIN ONE CCS BAND	
MINIMODULE	COMPOSED OF
1ST MINIMOD	MEMNS 0, 1, 2, 3
2ND MINIMOD	MEMNS 4, 5, 6, 7
3RD MINIMOD	MEMNS 8, 9, 10, 11
4TH MINIMOD	MEMNS 12, 13, 14, 15

TAN				LABEL		
<u>TFN</u>	<u>TSI</u>	<u>SPC</u>	<u>LVL</u>	<u>FTS</u>	<u>BAND</u>	<u>MEMN</u>

FIG. 1 - Columnar Format for Scratch Pad
Listing of TFNs and Their Associated
TAN and Label Assignments

TAN				LABEL		
<u>TFN</u>	<u>TSI</u>	<u>SPC</u>	<u>LVL</u>	<u>FTS</u>	<u>BAND</u>	<u>MEMN</u>
1	01	1	6	001	001	0
2				2		1
3				3		2
4				4		3
5				5		4
6				6		5
7				7		6
8				8		7
9				9		8
10				10		9
11				11		10
12				12		11

FIG. 2 - Sample Listing of TFNs With
Their Associated TANs and LABELS

LIST TFNs, TANs, CCS LABEL ASSIGNMENTS, AND IDENTIFY
COMPLETE AND INCOMPLETE MINIMODULES

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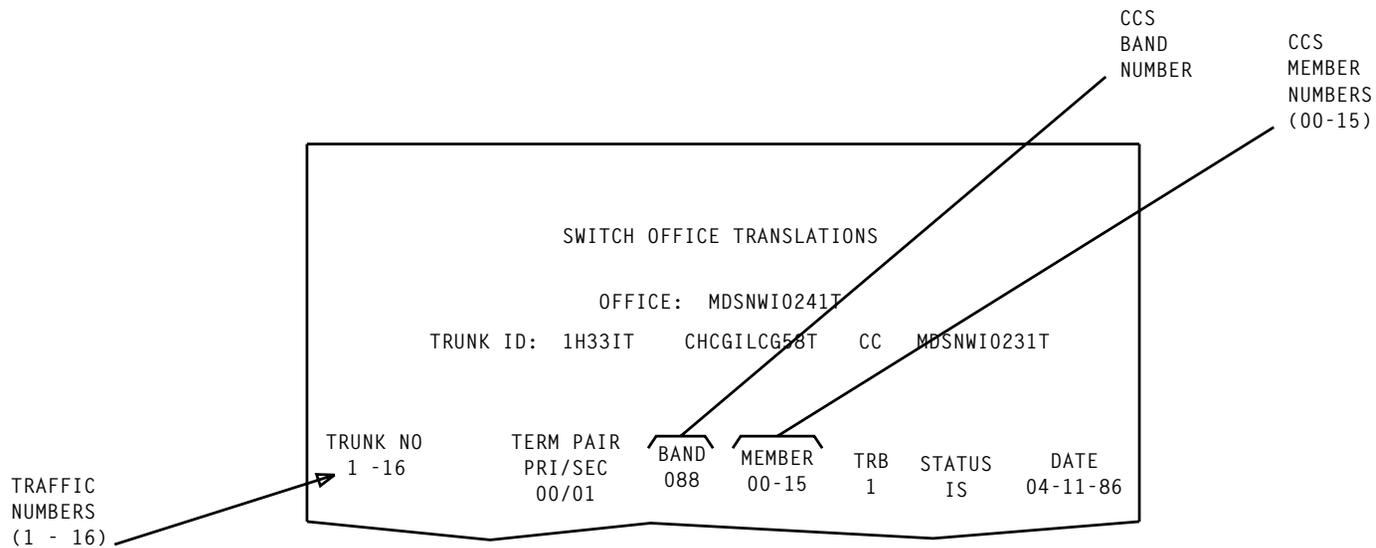


FIG. 3 - Sample Switch Office Translations Report (SOTR)

LIST TFNs, TAnS, CCS LABEL ASSIGNMENTS, AND IDENTIFY COMPLETE AND INCOMPLETE MINIMODULES

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<u>TFN</u>	<u>TAN</u>			
	<u>TSI</u>	<u>SPC</u>	<u>LVL</u>	<u>FTS</u>
1	01	1	6	001
2				2
3				3
4				4
5				5
6				6
7				7
8				8
9				9
10				10
11				11
12				12
13				13
14				14
15				15
16				16
17				17
18				18
19				19
20				20
21				21
22				22
23				23
24				24

1ST BLOCK
SEQUENTIAL
TFNs - TANS

FIG. 4 - TFN - TAN Assignments and Their Breakdown Into Sequential TFN - TAN Blocks

<u>TFN</u>	<u>TAN</u>				<u>LABEL</u>	
	<u>TSI</u>	<u>SPC</u>	<u>LVL</u>	<u>FTS</u>	<u>BAND</u>	<u>MEMN</u>
1	01	1	6	001	001	0
2				2		1
3				3		2
4				4		3
5				5		4
6				6		5
7				7		6
8				8		7
9				9		8
10				10		9
11				11		10
12				12		11
13				13		12
14				14		13
15				15		14
16				16		15
17				17	002	0
18				18		1
19				19		2
20				20		3
21				21		4
22				22		5
23				23		6
24				24		7

BLOCK

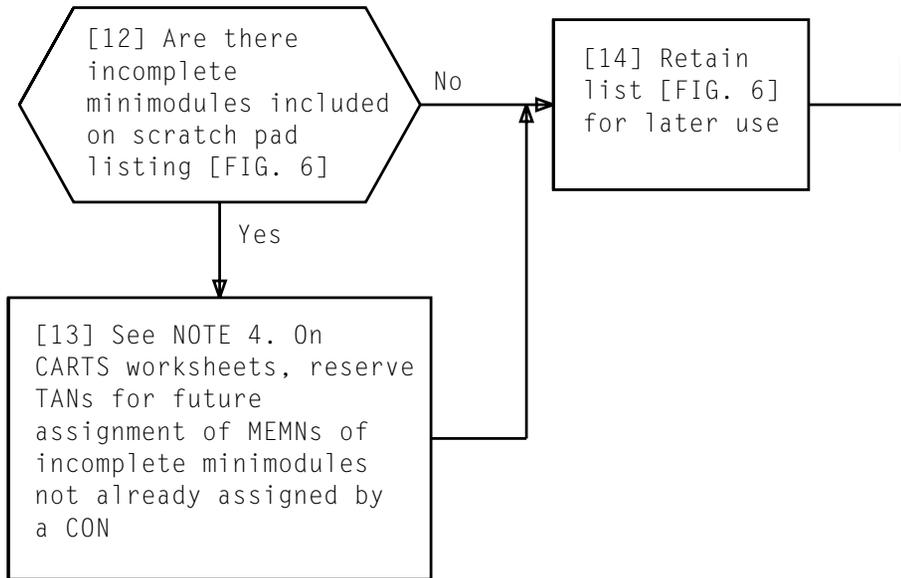
SECONDARY
BLOCK

SECONDARY
BLOCK

FIG. 5 - Breakdown of Sequential TFNs - TANS Into Secondary Blocks Containing Common Band Number and Sequential MEMNs

LIST TFNs, TANS, CCS LABEL ASSIGNMENTS, AND IDENTIFY COMPLETE AND INCOMPLETE MINIMODULES

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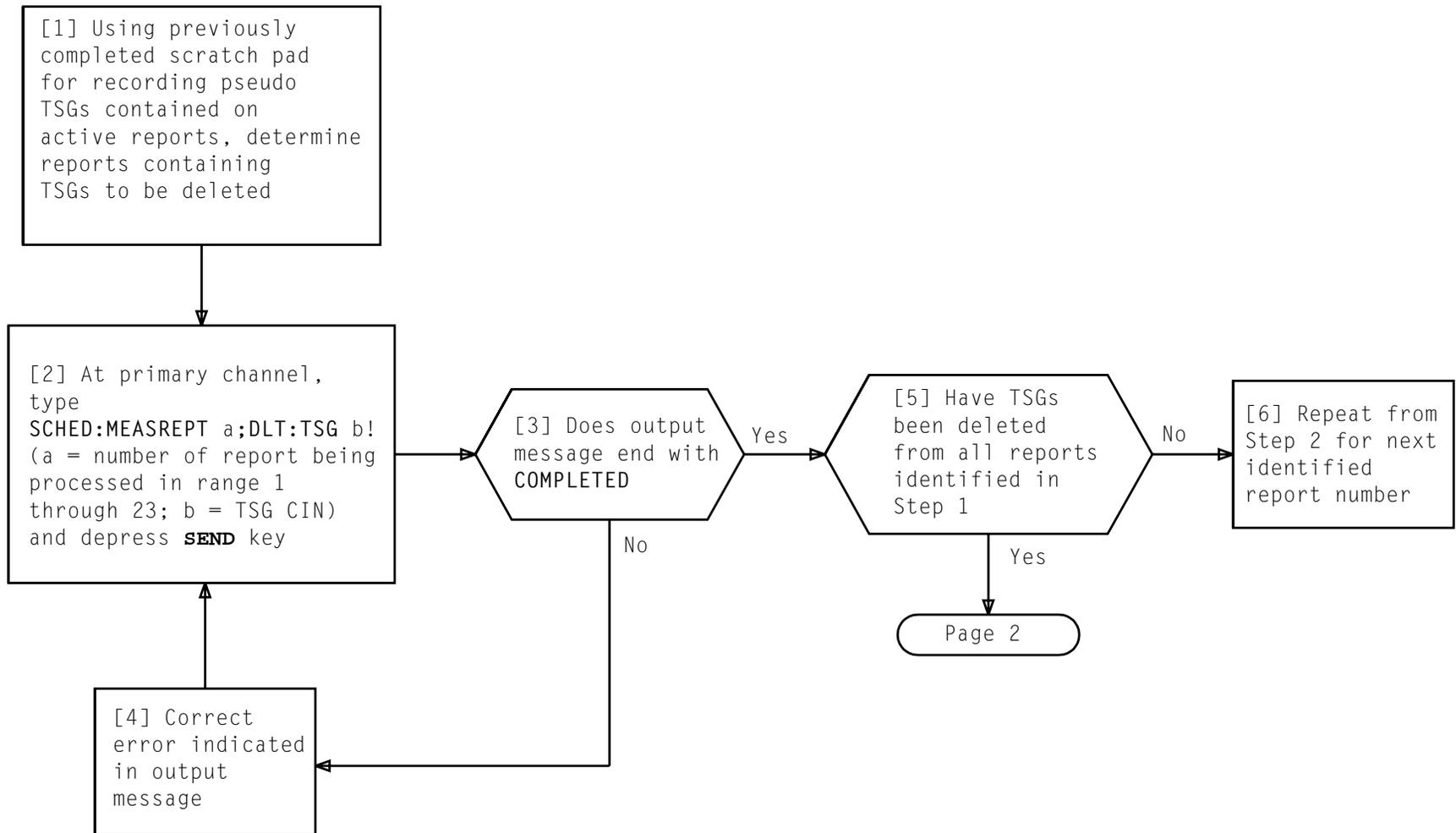


TFN	TAN				LABEL	
	TSI	SPC	LVL	FTS	BAND	MEMN
1	01	1	6	001	001	0
2					COMPLETE	1
3					MINIMOD (CM)	2
4						3
5						4
6					CM	5
7						6
8						7
9						8
10					CM	9
11						10
12					BLOCK	11
13						12
14					CM	13
15						14
16						15
17					002	0
18					CM	1
19						2
20						3
21						4
22					CM	5
23						6
24						7

FIG. 6 - Scratch Pad Listing Showing Breakdown Into Complete and Incomplete Minimodules Within Secondary Blocks

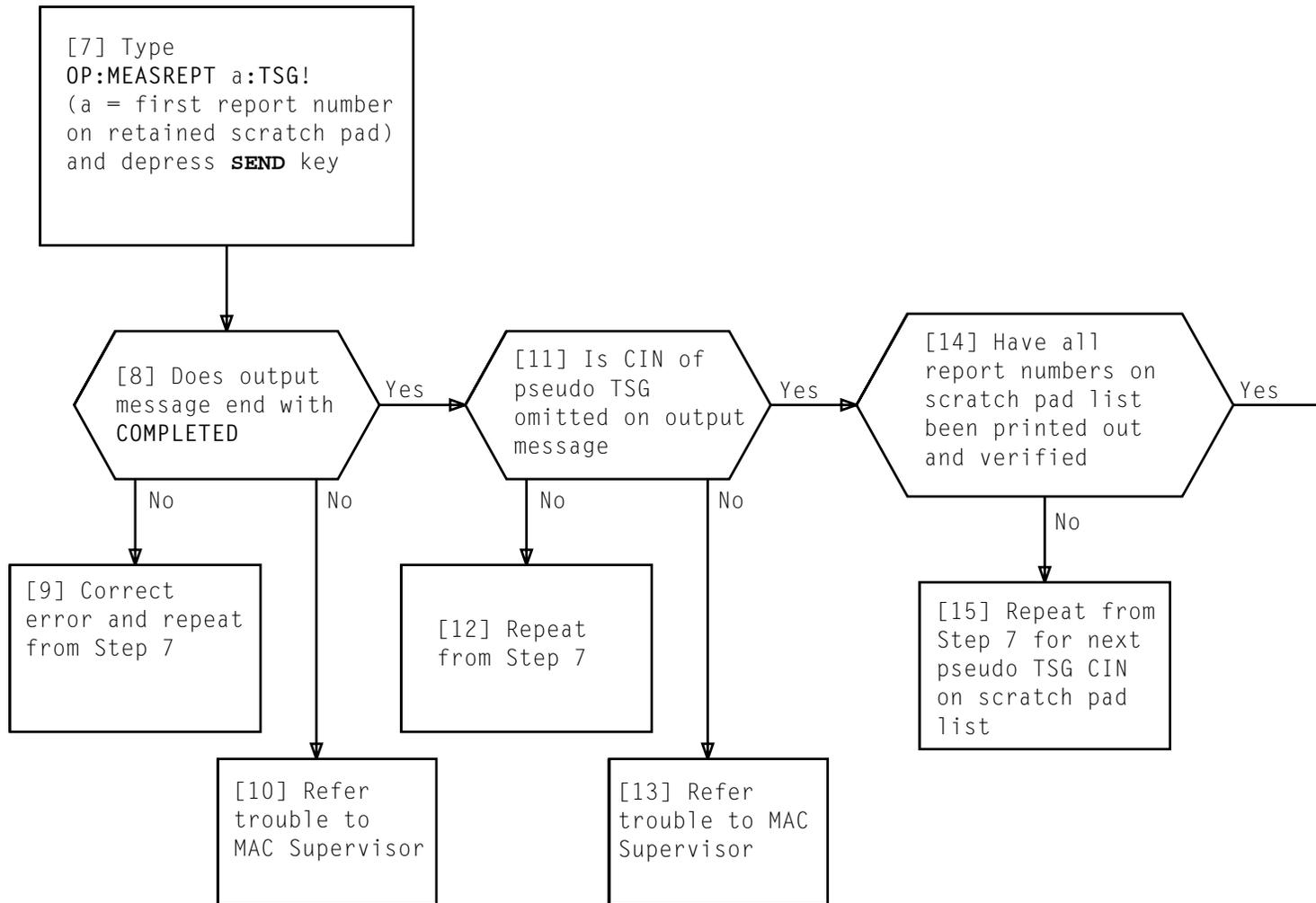
NOTE 4
 On CARTS worksheet, four consecutive TANs must be assigned to MEMNs of complete minimodule. If minimodule is incomplete (that is, all MEMNs not issued), TANs not used must be reserved for those MEMNs not assigned

LIST TFNs, TANs, CCS LABEL ASSIGNMENTS AND IDENTIFY COMPLETE AND INCOMPLETE MINIMODULES



DELETE PSEUDO TSG FROM TRAFFIC AND PLANT MEASUREMENT REPORT(S)

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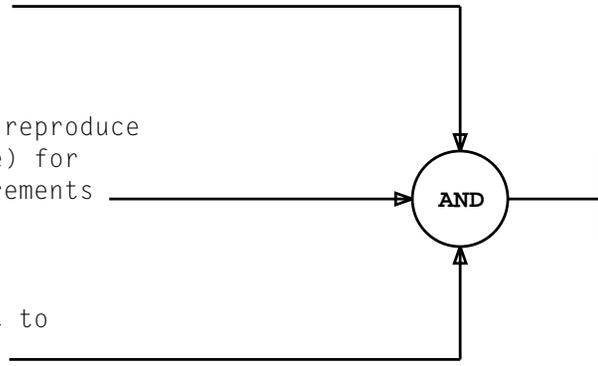
DELETE PSEUDO TSG FROM TRAFFIC AND PLANT MEASUREMENT REPORT(S)

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[1] Remove sample **CCS CUTOVER
AND/OR CONVERSION SCRATCH SHEET**
[FIG. 1, Page 2] from binder

[2] Using best available means, reproduce
sufficient copies (same size) for
anticipated immediate requirements

[3] Restore sample scratch sheet to
original location in binder

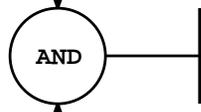


OBTAIN BLANK CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET(S)

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[1] Using CMS 961 Report [FIG. 1],
 identify earliest item
 due date for activated
 CON _____

[2] Enter earliest item due
 date on **CCS CUTOVER AND/OR
 CONVERSION SCRATCH SHEET**
 [FIG. 2] following
EARLIEST ITEM DUE DATE _____



EARLIEST
 ITEM DUE
 DATE FOR
 ACTIVATED
 CON

DATE - 10/15	TIME - 08:47	PAGE 29			
REPORT 961	CIRCUIT ORDER REPORT				
EARLIEST ITEM DUE DATE	CON	ORDER NUMBER	CIN	# OF ITEMS	STATUS MAC/TEC/TOC
TRUNK GROUP	STLSM00914T04T				
11/15/86	111	W82111	1STLSM00914T04T	01	RC/PND/PND
11/15/86	112	W82112	1STLSM00914T04T	01	RC/PND/PND
11/15/86	113	W82113	13STLSM00914T04T	13	PND/PND/PND

FIG. 1 - Sample of CMS 961 Report

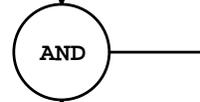
CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET					
MF TG CIN:	STLSM00914T04T			EARLIEST ITEM DUE DATE:	11/15/86
CCS TG CIN:	_____			CCIS2WRE:	_____
CON	ACT. CODE	ICL (db)	TRAFFIC NO. (TFN)	FACILITY	WORK-WITH CON(S)

FIG. 2 - Sample of CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET

ENTER EARLIEST ITEM DUE DATE

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[1] Using CMS 961 Report [FIG. 1],
 identify first CON
 for designated TG



[2] On **CCS CUTOVER AND/OR CONVERSION
 SCRATCH SHEET** [FIG. 2, Page 2] under
 column heading **CON**, enter first
 CON for designated TG

FIRST CON FOR
DESIGNATED TG

DATE -	TIME -					PAGE 29
10/15	08:53					
REPORT 961	CIRCUIT ORDER REPORT					
EARLIEST ITEM DUE DATE	CON	ORDER NUMBER	CIN	# OF ITEMS	STATUS MAC/TEC/TOC	
TRUNK GROUP	STLSM00914T04T					
11/15/86	111	W82111	1STLSM00914T04T	01	RC/PND/PND	
11/15/86	112	W82112	1STLSM00914T04T	01	RC/PND/PND	
11/15/86	113	W82113	13STLSM00914T04T	13	PND/PND/PND	
11/15/86	130	W82131	34STLSM00914T04T	02		

FIG. 1 - Sample of CMS 961 Report

ENTER FIRST CON FOR DESIGNATED TG

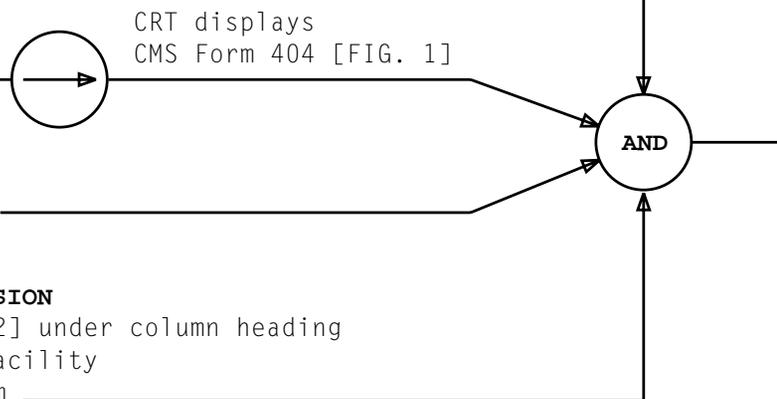
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[1] At CMS channel, type
CMS code 404

[2] Depress **S/R** key

[3] On CMS 404 display [FIG. 1],
identify facility designator

[4] On **CCS CUTOVER AND/OR CONVERSION
SCRATCH SHEET** [FIG. 2, Page 2] under column heading
FACILITY, enter identified facility
designator for activated item



```

MESSAGES:
CON/ITEM/MEMBER: 898/01 /01)M 1STLSM00906T04T STATUS: PND/PND/PND
MAC 01/CKT/DET

404 TRANSLATION DATA
----- CIRCUIT -----
430 CLCID: 1 IH21IT KSCYM00904T CC STLSM00906T
CIN : 1STLSM00906T04T
ALTERNATE NAME: PHONYNAMEEXAMPLE
CONTROL: CO RESP- TOC/TEC:22/50
OWNERSHIP:LL MTC RESP- TOC/TEC:22/50
ORIGINAL CLCID: (ONLY APPLIES TO NAME CHANGE)

431 ESS TAN: 1004078 CCS TERMINAL: / BAND: LABEL:

432 ABBREVIATED ORDER CODE: FE CHANNEL BANK:

----- FACILITY -----
433 OUTGOING FAX: 1 A 1 KSCYM00904T STLSM00906T
----- CIRCUIT ORDER -----
434 WORK DATE: / / TEST DATE: / / DUE DATE:11/15/86
435 CAROT TESTABLE? N CAROT TEST PASSED?
  
```

FACILITY
DESIGNATOR

FIG. 1 - Sample CMS 404 Display

ENTER ASSOCIATED FACILITY

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CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET

MF TG CIN: STLSM00914T04T

EARLIEST ITEM

DUE DATE: 11/15/86

CCS TG CIN: _____

CCIS2WRE: _____

CON	ACT. CODE	ICL (db)	TRAFFIC NO. (TFN)	FACILITY	WORK-WITH CON(S)
111	D		1		
112	A	1.3	1	1A1	

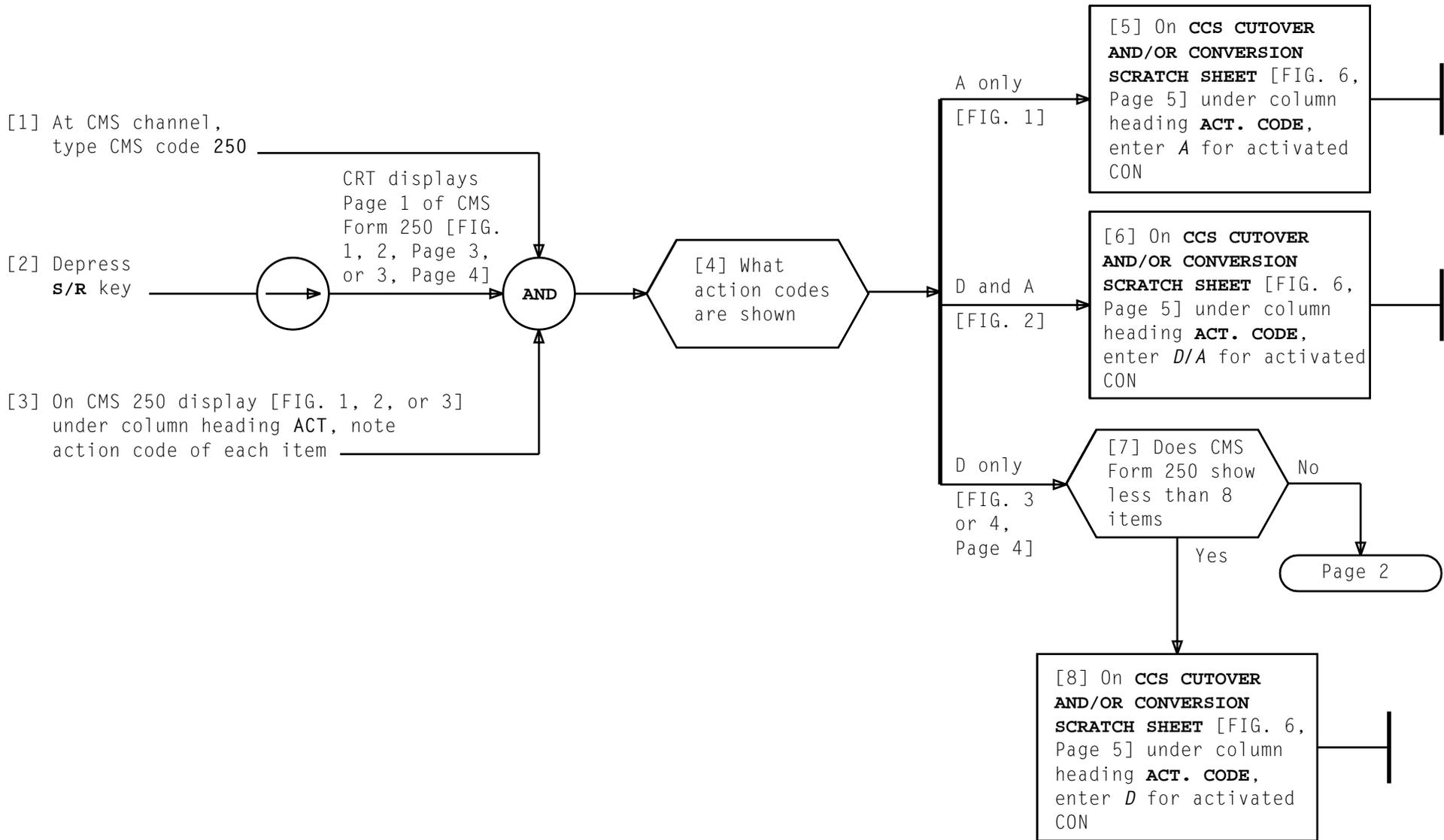
ACTIVATED CON → (points to CON 112)

FACILITY DESIGNATOR FOR ACTIVATED CON ← (points to 1A1)

FIG. 2 - Sample of CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET

ENTER ASSOCIATED FACILITY

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ENTER ACTION CODE(S)

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[9] Type CMS code 250/a
(a = number of last
item in CON)

[10] Depress
S/R key

CRT displays
last page of
CMS Form 250
[FIG. 5,
Page 5]

AND

[12] Is
action code A
displayed

Yes

[14] On **CCS CUTOVER
AND/OR CONVERSION
SCRATCH SHEET** [FIG. 6,
Page 5] under column
heading **ACT. CODE**,
enter *D/A* for activated
CON

[11] On displayed CMS Form 250 [FIG. 5]
under column heading **ACT**, make
mental note of action code for
each item

[13] On **CCS CUTOVER
AND/OR CONVERSION
SCRATCH SHEET** [FIG. 6,
Page 5] under column
heading **ACT. CODE**,
enter *D* for activated
CON

ENTER ACTION CODE(S)

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ACTION CODE →
 MESSAGES:
 CON/ITEM/MEMBER: 112/01 /01)M 1STLSM00914T04T STATUS: CPD/WRK/WRK
 MAC 01/CKT/DET
 250 CIRCUIT ORDER ITEM LIST

ITEM NO	CIN	PSD USE	ACT	WORK DATE	TEST DATE	DUE DATE	RESP TEC/TOC	STATUS MAC/TEC/TOC
01	1STLSM00914T04T		A			11/15	51/20	CPD/WRK/WRK

FIG. 1 - Sample CMS 250 Display - One Item CON

ACTION CODE →
 MESSAGES:
 CON/ITEM/MEMBER: 113/01/01)M 1STLSM00914T04T STATUS: CPD/WRK/WRK
 MAC 01/CKT/DET
 250 CIRCUIT ORDER ITEM LIST

ITEM NO	CIN	PSD USE	ACT	WORK DATE	TEST DATE	DUE DATE	RESP TEC/TOC	STATUS MAC/TEC/TOC
01	9001GRDNKCA0221T01T		D			11/15	51/20	CPD/WRK/WRK
02	9001GRDNKCA0221T02T		A			11/15	51/20	CPD/WRK/WRK

FIG. 2 - Sample CMS 250 Display - Two Item CON

ENTER ACTION CODE(S)

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MESSAGES:
 CON/ITEM/MEMBER: 113/01 /..) 13STLSM00914T04T STATUS: CPD/WRK/WRK
 MAC 01/CKT/DET

ACTION CODE 250 CIRCUIT ORDER ITEM LIST

ITEM NO	CIN	PSD USE	ACT	WORK DATE	TEST DATE	DUE DATE	RESP TEC/TOC	STATUS MAC/TEC/TOC
01	13STLSM00914T04T		D			11/15	51/20	CPD/WRK/WRK
02	14STLSM00914T04T		D			11/15	51/20	CPD/WRK/WRK
08	20STLSM00914T04T		D			11/15	51/20	CPD/WRK/WRK

FIG. 3 - Sample CMS 250 Display - First Page of Multipage Display

MESSAGES:
 CON/ITEM/MEMBER: 111/01/01)M 1STLSM00914T04T STATUS: CPD/WRK/WRK
 MAC 01/CKT/DET

ACTION CODE 250 CIRCUIT ORDER ITEM LIST

ITEM NO	CIN	PSD USE	ACT	WORK DATE	TEST DATE	DUE DATE	RESP TEC/TOC	STATUS MAC/TEC/TOC
01	1STLSM00914T04T		D			11/15	51/20	CPD/WRK/WRK

FIG. 4 - Sample CMS 250 Display - One Item CON

ENTER ACTION CODE(S)

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MESSAGES:
 CON/ITEM/MEMBER: 113/13 /..) 13STLSM00914T04T STATUS: CPD/WRK/WRK
 MAC 01/CKT/DET

ACTION CODE → 250 CIRCUIT ORDER ITEM LIST

ITEM NO	CIN	PSD USE	ACT	WORK DATE	TEST DATE	DUE DATE	RESP TEC/TOC	STATUS MAC/TEC/TOC
09	21STLSM00914T04T		D			11/15	51/20	CPD/WRK/WRK
12	24STLSM00914T04T		D			11/15	51/20	CPD/WRK/WRK
13	13STLSM00914T04T		A			11/15	51/20	CPD/WRK/WRK

FIG. 5 - Sample CMS 250 Display - Last Page of Multipage Display

**CCS CUTOVER AND/OR
CONVERSION SCRATCH SHEET**

MF TG CIN: STLSM00914T04T EARLIEST ITEM DUE DATE: 11/15/86
 CCS TG CIN: _____ CCIS2WRE: _____

CON	ACT. CODE	ICL (db)	TRAFFIC NO. (TFN)	FACILITY	WORK-WITH CON(S)
111	D		1		
112	A		1		
113	D/A		13		

ACTIVATED CON →

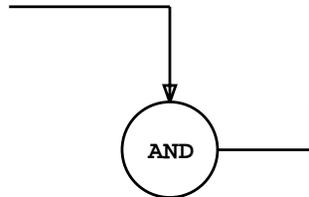
FIG. 6 - Sample of CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET

ENTER ACTION CODE(S)

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On scratch sheet [FIG. 1]:

[1] Pair CONs having identical TFNs



[2] Enter identified W-W CONs in
WORK-WITH CON(s) column [FIG. 1]

CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET					
MF TG CIN: <u>STLSM00914T04T</u>			EARLIEST ITEM		
CCS TG CIN: _____			DUE DATE: <u>11/15/86</u>		
			CCIS2WRE: _____		
CON	ACT. CODE	ICL (db)	TRAFFIC NO. (TFN)	FACILITY	WORK-WITH CON(s)
111	D		1	1A1	112
112	A	1.3	1	1A1	111
113	D/A	1.3	13		

IDENTICAL TFNs

W-W CONs

FIG. 1 - Sample of CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET

ENTER W-W CONs

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[1] From **CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET**, identify first CON with action code A containing TFNs assigned to TSG

At CMS channel:

[2] Type CMS code 120/a (a = CON number for identified circuit order)

[3] Depress **S/R** key → CRT displays standard header with CON/1st item/1st member

[4] Type CMS code 350

[5] Depress **S/R** key → CRT displays CMS Form 350

[6] Type CMS code 351

[7] Depress **S/R** key → Cursor moves to line 351 [FIG. 1]

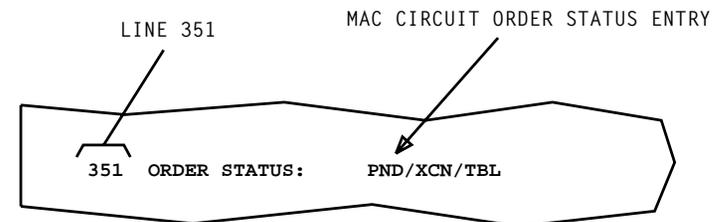
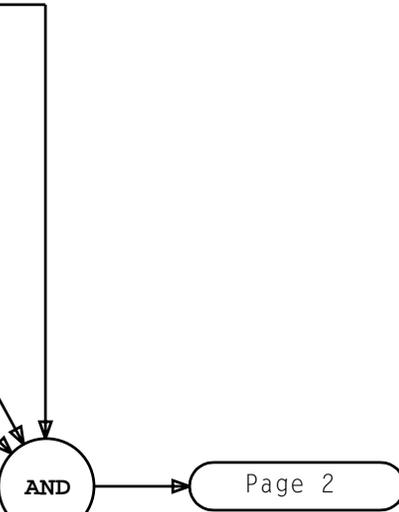


FIG. 1 - Sample CRT Display of CMS Form 350 (Partial)

UPDATE MAC CIRCUIT ORDER STATUS IN CMS TO CPD FOR CONS ASSIGNED TO TSG

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[8] On CMS Form 350 [FIG. 1]
 following ORDER STATUS:,
 type *CPD* over MAC circuit order
 status entry _____

[9] From **CCS CUTOVER AND/OR CONVERSION
 SCRATCH SHEET**, identify W-W CONs
 associated with action code A CONs _____

At CMS channel:

[10] Type CMS code
 120/a (a = CON number for
 identified W-W CON) _____

[11] Depress **S/R** key _____
 CRT displays standard
 header with
 CON/1st item/1st member

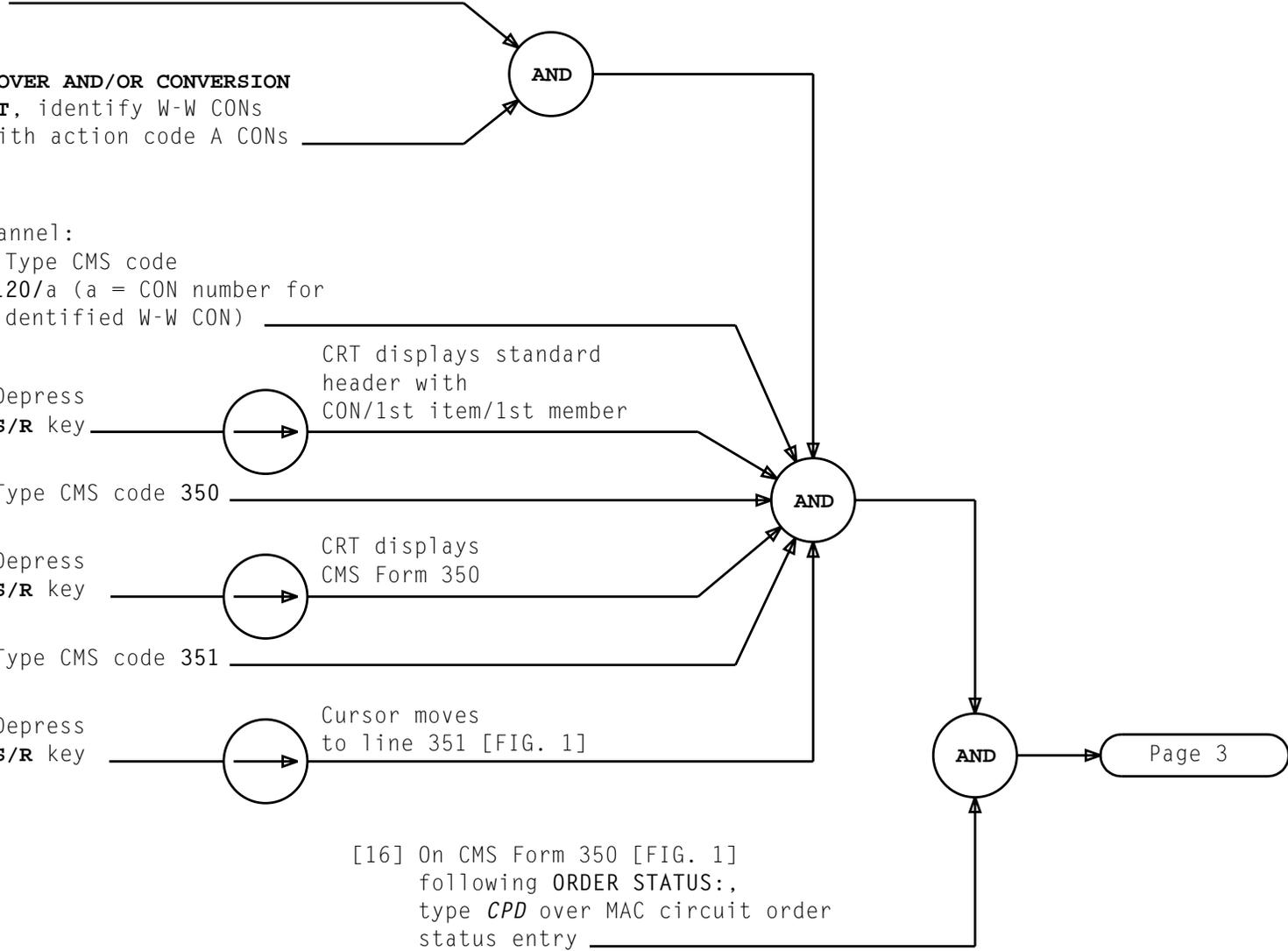
[12] Type CMS code 350 _____

[13] Depress **S/R** key _____
 CRT displays
 CMS Form 350

[14] Type CMS code 351 _____

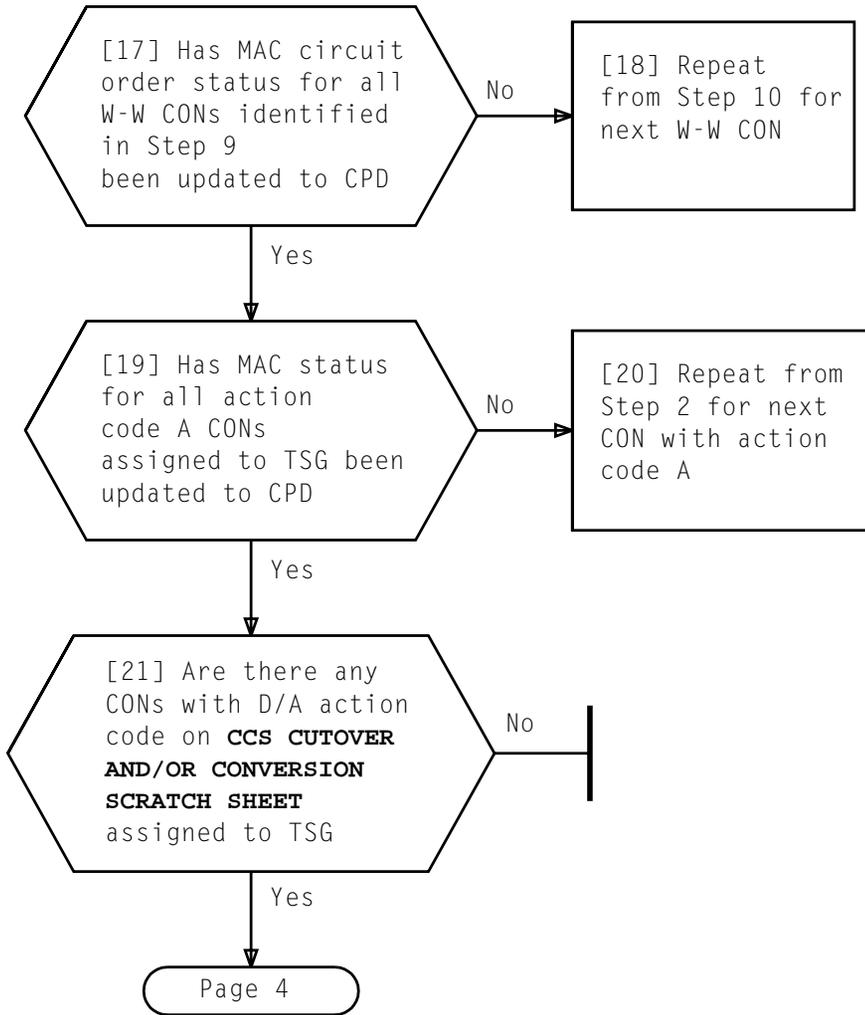
[15] Depress **S/R** key _____
 Cursor moves
 to line 351 [FIG. 1]

[16] On CMS Form 350 [FIG. 1]
 following ORDER STATUS:,
 type *CPD* over MAC circuit order
 status entry _____



**UPDATE MAC CIRCUIT ORDER STATUS IN CMS TO
 CPD FOR CONs ASSIGNED TO TSG**

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UPDATE MAC CIRCUIT ORDER STATUS IN CMS TO CPD FOR CONs ASSIGNED TO TSG

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[22] From **CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET**, identify first CON with D/A action code

At CMS channel:

[23] Type CMS code 120/a (a = CON number for identified circuit order)

[24] Depress **S/R** key → CRT displays standard header with CON/1st item/1st member

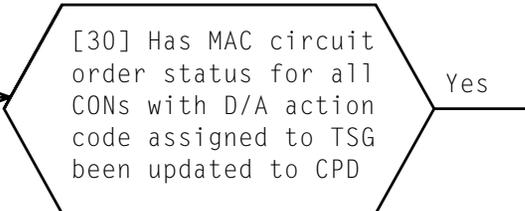
[25] Type CMS code 350

[26] Depress **S/R** key → CRT displays CMS Form 350

[27] Type CMS code 351

[28] Depress **S/R** key → Cursor moves to line 351 [FIG. 1]

[29] On CMS Form 350 [FIG. 1] following **ORDER STATUS:**, type **CPD** over MAC circuit order status entry



[31] Repeat from Step 23 for next CON with an action code of D/A

UPDATE MAC CIRCUIT ORDER STATUS IN CMS TO CPD FOR CONs ASSIGNED TO TSG

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[1] Obtain blank RC Worksheet Form 100 _____

On RC Worksheet Form 100 [FIG. 1, Page 2]:

[2] Following RC:TSG;NEW;OPT(TWOWAY), enter ACT _____

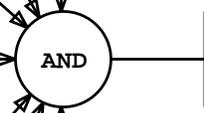
[3] Following ORNU, enter assigned ORNU _____

[4] Following TSG, enter CIN of pseudo TSG _____

[5] Following QTFN, enter previously noted QTFN from MF TFNB printout for first TFNB in pseudo TSG _____

[6] Following REMARKS, enter CON followed by applicable CON number _____

[7] See NOTE 1. Complete remaining entries per displayed MF TSG characteristics [FIG. 2, Page 3] _____



NOTE 1

If an N appears adjacent to ADIG, DPSTOP, or CCIS2WRE on displayed MF TSG characteristics, the associated space must be left blank on RC Worksheet Form 100. If display shows NONE for OTMTT, XTMTT, OTSTT, or XTSTT, an N must be entered on RC Worksheet Form 100 beside applicable acronyms

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FORM 100
4E20

ESTABLISH A NEW TWO-WAY TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;NEW;OPT(TWOWAY), A C T:

ORNU 3 1 9 5 0 4,

PCF _____, AOPC _____,

BTFN TOWN ST BL FBS NBS

TSG ___ 1 S T L S M O 0 9 M F T 0 4 T,

DPC _____,

FENCLASS _____, FENID _____,
FEAREA _____, FESWID _____,

QTFN 1 9 2, TOT I T O L L, SAT N,
FENPA __, FEOFC __, FELATA __,
MEM __, PSES N, INSEP 1 0 __,

TFG __, TSGBBC __, VDCAP _____, DATAF __,
EXSEQ __, FEPTY __,

DOM P O T S, ACD __, IT __,
FESC6 Y, IWZ1 __, LSST __,
0 0 0

ISC M F D D S D __, RFA Y, ADIG __,
OSC M F D D S D __, RFMP N, DPSTOP __,
XCPA __, DNP __,

CID _____, CCIS2WRE __, CBNPR __ __,
DELAY 2 0, MFSPEED 7 __, DNHR __,
REV N, GLARE N, PSOLI __,

BN _____, BRL __, ITC __, GSDN __,
WATSBN _____, PSBN __, PSCPN __,
BNPT __, WBNPT __, CMERGE __,
APS __, CHNEG __, PSATP __, PBXESGD __,
MEGC __, SDNA __, OWAT __, DATA __, CBC __,
SDNPLAN __, BFTIS __, BFTNI __,
INCID __, ITELCO __, S5DIG __,
ONCID __, D3DBN __, MULAW __, CSCSET _____, CID _____,
ANCR __, ACCID __, ACCDTA __, PSTNG __, FLDSPR __,

GSDNPHSE __, EAS __, NPARINH __,
ANISID __, WANISID __, PSUUI __,
SCFN __, OVLP __, PRIT __,
PBXAW __, FAR4E __, DOFP __, SBRIV __,
DDD __, IDDD __, FOSPS __, CCIF __,
SKSP __, PBXNWW __, HYBRD __,

CAREA 2, CPOS __, SINDEX __,
OTSTT T 1 0 3, OTSTN _____ 1 0 3,
XTSTT T 1 0 5, XTSTN _____ 1 0 5,

CODSC __, NEOTR N, TRIDX __,
OTMTT __ N, OTMTN _____,
XTMTT __ N, XTMTN _____,

S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __,

REMARKS C O N 8 7 6 _____!

FIG. 1 - Sample of Partially Completed RC Worksheet Form 100 - 4E20 Generic Program

COMPLETE RC WORKSHEET TO ESTABLISH 2W PSEUDO TSG

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```

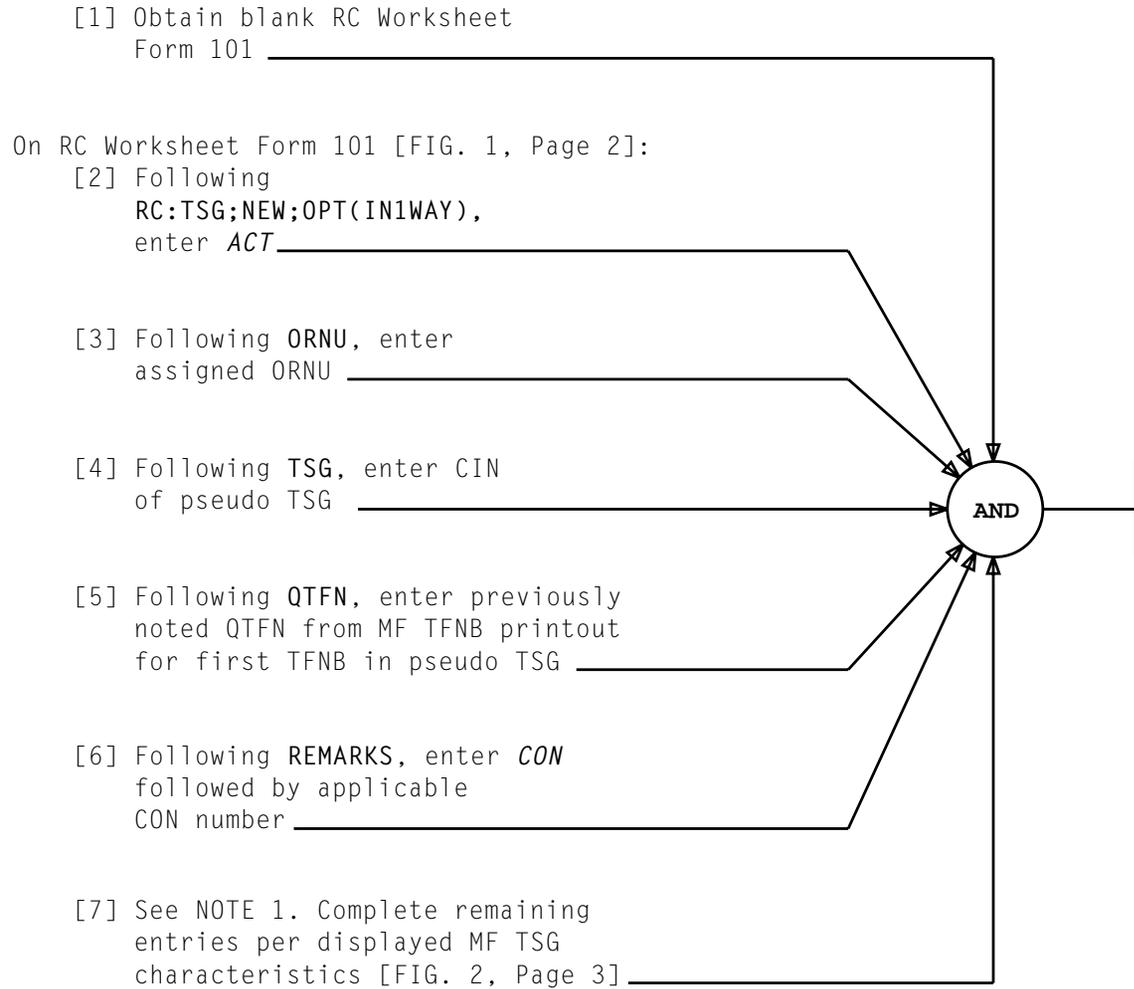
M 07 VER:TSG;OPT(TWOWAY):
                                BTFN   TOWN   ST   BL   FBS   NBS
                                TSG   _ _ _ 1 S T L S M O 0 9 1 4 T 0 4 T.
                                DPC   _ _ _ _ _ _ _ _ _ _
PCF _ _ _ _ _ ,   AOPC _ _ _ _ _ ,
FENCLASS _ _ _ _ _ , FENID _ _ _ _ _ ,   TFG _ ,   TSGBBC _ , VDCAP _ _ _ _ _ , DATAF _ ,
FEAREA _ _ _ _ _ , FESWTD _ _ _ _ _ ,   EXSEQ _ ,   FEPTY _ ,
QTFN 1 0 0 8 ,   TOT I T O L L , SAT N ,   DOM P Q I S , ACD _ ,   IT _ ,
FENPA 3 1 4 ,   FEOF C _ _ _ _ , FELATA _ _ 0 ,   FESC6 Y ,   IWZ1 N , LSST _ _ _ ,
MEM _ ,   PSES _ ,   INSEP 1 0 .   MTSC _ 0 ,   GNSC 0 ,   GEOSEP _ 0 ,
ISC _ M F D D S D , RFA Y ,   ADIG N ,   CID _ _ _ _ _ ,   CCIS2WRE N , CBNPR _ _ _ _ ,
OSC _ M F D D S D , RFMP N ,   DPSTOP N ,   DELAY _ 2 0 ,   MFSPEED _ Z , DNHR _ ,
XCPA _ ,   DNP _ ,   REV N ,   GLARE N ,   PSOLI _ ,
BN _ _ _ _ _ , BRL _ ,   ITC _ ,   GSDN _ ,   GSDNPHSE _ ,   EAS _ ,   NPARINH _ ,
WATSBN _ _ _ _ _ , PSBN _ _ _ , PSCPN _ ,   ANISID _ _ _ _ _ ,   WANISID _ _ _ _ ,   PSUUI _ ,
BNPT _ _ _ ,   WBNPT _ _ _ ,   CMERGE _ ,   SCFN _ ,   OVL P _ ,   PRIT _ _ _ _ _ ,
APS _ ,   CHNEG _ , PSATP _ ,   PBXESGD _ ,   PBXAW _ ,   FAR4E _ , DOFP _ ,   SBRIV _ ,
MEGC _ ,   SDNA _ , OWAT _ ,   DATA _ , CBC _ ,   DDD _ ,   IDDD _ ,   FOSPS _ ,   CCIF _ ,
SDNPLAN _ _ _ ,   BFTIS _ _ , BFTNI _ _ ,   SKSP _ ,   PBXNWW _ , HYBRD _ ,
INCID _ ,   ITELCO _ , S5DIG _ ,
ONCID _ ,   D3DBN _ ,   MULAW _ , CSCSET _ _ _ _ _ ,   CID _ _ _ _ _ ,
ANCR _ ,   ACCID _ _ ,   ACCDTA _ _ , PSTNG _ ,   FLDSPR _ ,
CAREA 2 ,   CPOS 0 ,   SINDEX _ _ _ ,   CODSC _ ,   NEOTR N ,   TRIDX _ _ _ ,
OTSTT T 1 0 3 , OTSTN _ _ _ _ _ 1 0 3 ,   OTMTT _ _ _ N , OTMTN _ _ _ _ _ _ _ _ _ ,
XTSTT T 1 0 5 , XTSTN _ _ _ _ _ 1 0 5 ,   XTMTT _ _ _ N , XTMTN _ _ _ _ _ _ _ _ _ ,
S1 _ , S2 _ , S3 _ , S4 _ , S5 _ , S6 _ , S7 _ , S8 _ , S9 _ , S10 _ ,
07/24/90 17:44:27
#963

```

CIN OF MF TSG

FIG. 2 - Sample CRT Display of 2W MF TSG Characteristics

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NOTE 1	
If an N appears adjacent to ADIG or CCIS2WRE on displayed MF TSG characteristics, the associated space must be left blank on RC Worksheet Form 101	
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COMPLETE RC WORKSHEET TO ESTABLISH 1WI PSEUDO TSG

```

# FORM 101 TG-4
4E20
ESTABLISH A NEW ONE-WAY INCOMING TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC ORNU → RC:TSG;NEW;OPT(IN1WAY), A C T:
ORNU 3 1 9 5 0 7,
PCF _____, AOPC _____,
BTFN TOWN ST BL FBS NBS
TSG ___ 1 S T L S M O 0 9 M F T 0 4 T, ← TSG CIN
DPC _____,

FENCLASS _____, FENID _____, TFG __, TSGBBC __,
QTFN 9 6, TOT I T O L L, SAT N, DOM P O T S, IT __,
FENPA 3 1 4, FEOF C ____, FELATA _____, FESC6 Y, IWZ1 __, LSST ____,
MEM __, PSES N, INSEP 1 0, MTSC 0 __, GNSC 0, GEOSEP 0 __,

ISC M F D D S D, RFA Y, ADIG __, CCIS2WRE __, CBNPR _____,
BN _____, BRL __, ITC __, GSDN __, GSDNPHSE __, EAS __, CMTYP __, NPARINH __,
WATSBN _____, PSUUI __,
TSG CHARACTERISTICS → BNPT _____, WBNPT _____, CMERGE __, SCFN __, OVL P __, PRIT _____,
APS __, PSATP __, PBXESGD __, PBXAW __, FAR4E __,
MEGC __, SDNA __, OWAT __, DATA __, CBC __, DDD __, IDDD __, FOSPS __,
SDNPLAN _____, BFTIS ____, BFTNI ____, SKSP __, PBXNWW __, HYBRD __,
INCID __, ITELCO __, S5DIG __,
ANCR __, ACCID __, ACCDTA __, PSTNG __, FLDSPR __,

CAREA 2, CPOS 0, SINDEX __ __,
S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __,

REMARKS C O N 8 8 7 _____!

```

FIG. 1 - Sample of Partially Completed RC Worksheet Form 101 - 4E20 Generic Program

VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH 1WI TSG

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```

M 48 VER:TSG,OPT(IN1WAY):
                                BTFN   TOWN   ST   BL   FBS   NBS
TSG 101 STLS MO 09 14T 04T
DPC -----,
PCF -----,   AOPC -----,
FENCLASS -----, FENID -----,   TFG __,   TSGBBC __,
QTFN ____,   TOT ITOLL, SAT N,   DOM PQIS,   IT __,
FENPA 314,   FE0FC ____, FELATA ____,   FESC6 Y,   IWZ1 __, LSST ____,
MEM __,   PSES N,   INSEP 10__,   MTSC 0__,   GNSC 0,   GEOSEP 0,
ISC MFDSDSD,   RFA Y,   ADIG N,   CCIS2WRE N,   CBNPR ____,
BN -----,   BRL S,   ITC 0,   GSDN __,   GSDNPHSE __,   EAS N,   CMTYP __,   NPARINH __,
WATSBN -----,   PSUUI __,
BNPT ____,   WBNPT ____,   CMERGE __,   SCFN __,   OVLN __,   PRIT ____,
APS __,   PSATP __,   PBXESGD __,   PBXAW __,   FAR4E __,
MEGC __,   SDNA __,   OWAT __,   DATA __,   CBC __,   DDD __,   IDDD __,   FOSPS __,
SDNPLAN ____,   BFTIS ____,   BFTNI ____,   SKSP __,   PBXNWW __,   HYBRD __,
INCID __,   ITELCO __,   S5DIG __,
ANCR __,   ACCID __,   ACCDTA __,   PSTNG __,   FLDSPR __,
CAREA 2,   CPOS 5,   SINDEK ____,
S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __,
07/24/90 17:48:19
#847

M 48 VER:MESSAGE
NO DATA FOUND
07/24/90 17:48:36

```

MF
TSG CIN

TSG
CHARACTERISTICS

FIG. 2 - Sample CRT Display of 1WI MF TSG Characteristics

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[1] Obtain blank RC Worksheet Form 102

On RC Worksheet Form 102 [FIG. 1, Page 2]:

[2] Following RC:TSG;NEW;OPT(OUT1WAY), enter ACT

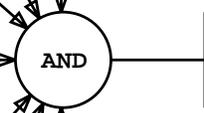
[3] Following ORNU, enter assigned ORNU

[4] Following TSG, enter CIN of pseudo TSG

[5] Following QTFN, enter previously noted QTFN from MF TFNB printout for first TFNB in pseudo TSG

[6] Following REMARKS, enter CON followed by applicable CON number

[7] See NOTE 1. Complete remaining entries per displayed MF TSG characteristics [FIG. 2, Page 3]



NOTE 1

If an N appears adjacent to DPSTOP or CCIS2WRE on displayed MF TSG characteristics, the associated space must be left blank on RC Worksheet Form 102. If display shows NONE for OTMTT, XTMTT, OTSTT, or XTSTT, an N must be entered on RC Worksheet Form 102 beside applicable acronyms

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FORM 102 TG-4
4E20

ESTABLISH A NEW ONE-WAY OUTGOING TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;NEW;OPT(OUT1WAY), A C T:

ORNU 3 1 9 5 0 8,

PCF _____, AOPC _____,

FENCLASS _____, FENID _____,

FEAREA _____, FESWID _____,

QTFN 9 6, TOT I T O L L, SAT N,

FENPA 3 1 4, FEOFC _____, FELATA _____,

MEM _____, PSES N,

OSC M F D D S D, RFMP N, DPSTOP _____,

XCPA _____, DNP _____,

BN _____, BRL _____, GSDN _____,

PSBN _____, PSCPN _____,

BNPT _____, CMERGE _____,

APS _____, CHNEG _____, PSATP _____,

ONCID _____, D3DBN _____, MULAW _____, CSCSET _____,

ANCR _____, ACCID _____, ACCDTA _____, PSTNG _____,

CAREA 2, CPOS 0, SINDEX _____,

OTSTT T 1 0 3, OTSTN _____, 1 0 3,

XTSTT T 1 0 5, XTSTN _____, 1 0 5,

S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____,

REMARKS C O N 8 9 2 _____!

BTFN TOWN ST BL FBS NBS

TSG _____ 1 S T L S M O 0 9 M F T 0 4 T,

DPC _____,

TFG _____, TSGBBC _____,

EXSEQ _____, FEPTY _____,

DOM P O T S, ACD _____,

IWZ1 _____,

CID _____, CCIS2WRE _____,

DELAY 2 0, MFSPEED 7,

PSOLI _____,

ANISID _____, WANISID _____, PSUUI _____,

SCFN _____, PRIT _____,

DOFP _____, SBRIV _____,

FOSPS _____, CCIF _____,

CID _____,

FLDSPR _____,

CODSC _____, NEOTR N TRIDX _____,

OTSTT _____, OTSTN _____,

XTSTT _____, XTSTN _____,

TSG CIN

FIG. 1 - Sample of Partially Completed RC Worksheet Form 102 - 4E20 Generic Program

COMPLETE RC WORKSHEET TO ESTABLISH 1WO PSEUDO TSG

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```

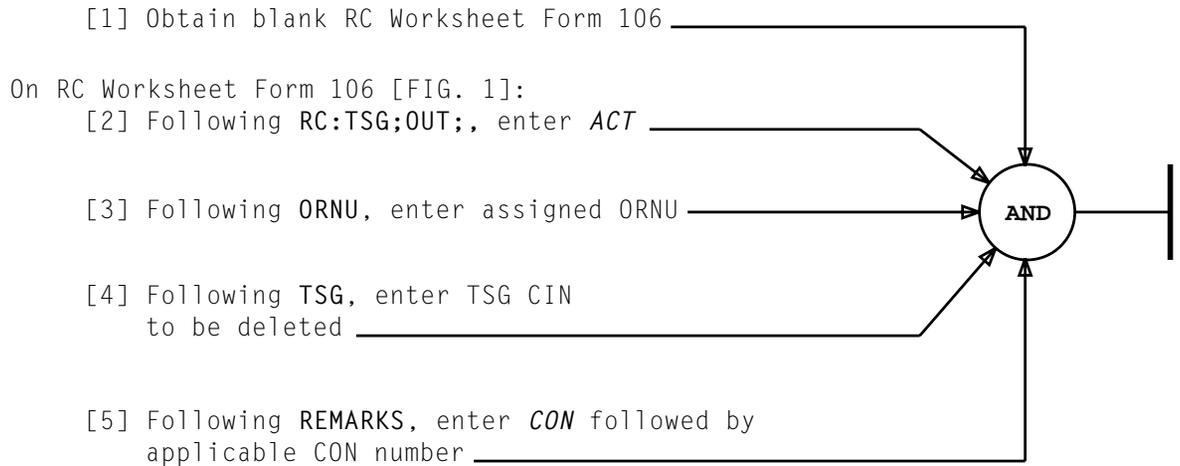
M 48 VER:TSG,OPT(IN1WAY):
                                     BTFN   TOWN   ST   BL   FBS   NBS
TSG 5501GNB0NC EU05T03T,
DPC _____,
PCF _____,   AOPC _____,
FENCLASS _____, FENID _____,   TFG __,   TSGBBC __,
QTFN 192,   TOT ISPS, SAT N,   DOM POTS,   IT __,
FENPA 919,   FEOFC ____, FELATA __ 0,   FESC6 __,   IWZ1 N, LSST ____,
MEM Y,   PSES ____,   INSEP ____,   MTSC ____,   GNSC ____,   GEOSEP ____,
ISC MFDDSD,   RFA Y,   ADIG __,   CCIS2WRE __,   CBNPR ____,
BN _____, BRL S,   ITC __,   GSDN __,   GSDNPHSE __,   EAS __,   CMTYP __,   NPARINH __,
WATSBN _____,   PSUUI __,
BNPT ____,   WBNPT ____,   CMERGE __,   SCFN __,   OVLV __,   PRIT ____,
APS N,   PSATP __,   PBXESGD __,   PBXAW __,   FAR4E __,
MEGC __,   SDNA __,   OWAT __,   DATA __,   CBC __,   DDD __,   IDDD __,   FOSPS __,
SDNPLAN ____,   BFTIS ____,   BFTNI ____,   SKSP __,   PBXNWW __,   HYBRD __,
INCID __,   ITELCO __,   S5DIG __,
ANCR __,   ACCID __,   ACCDTA __,   PSTNG __,   FLDSPR __,
CAREA I,   CPOS 0,   SINDEK ____,
S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __,
07/24/90 17:48:19
#847
M 48 VER:MESSAGE
NO DATA FOUND
07/24/90 17:48:44

```

MF TSG CIN

FIG. 2 - Sample CRT Display of 1WI MF TSG Characteristics

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```

# FORM 106 (02) TG-4                DELETE A TRUNK SUBGROUP
                                      4ESS SWITCH

RC:TSG;OUT; A C T:                BTFN   TOWN   ST   BL   FBS   NBS
ORNU 3 1 9 5 2 3,                TSG  _ _ _ 1 S T L S M O 0 9 M F T 0 4 T,
                                      ^
                                      |
                                      | TSG CIN
REMARKS C O N 8 7 6
        _ _ _ _ _ !
  
```

FIG. 1 - Sample of Completed RC Worksheet Form 106

COMPLETE RC WORKSHEET TO DELETE TSG

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[1] At RCDT, type
 VER:RDBLIST;ALL:TSG a!
 (a = TSG CIN)

[2] Depress **SEND** key

CRT displays
 list of RDBIs [FIG. 1]

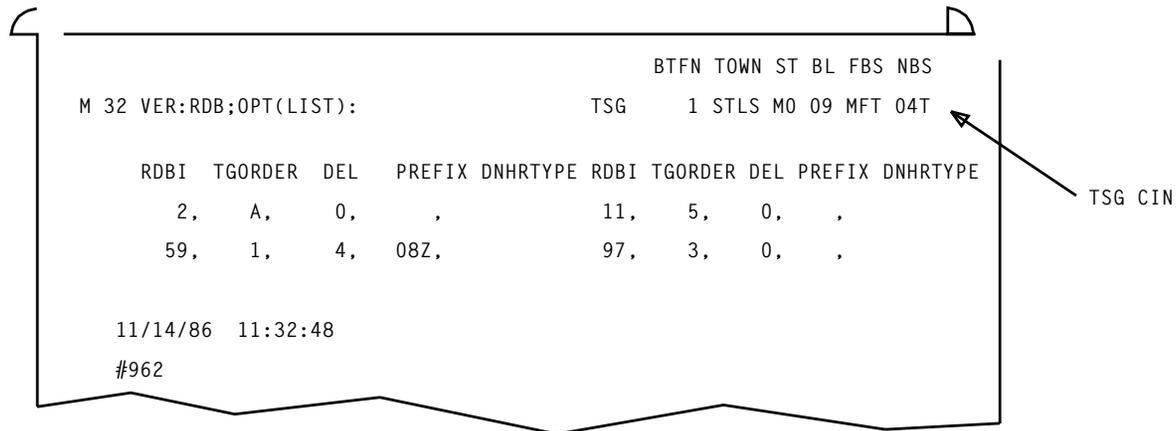
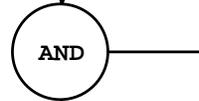
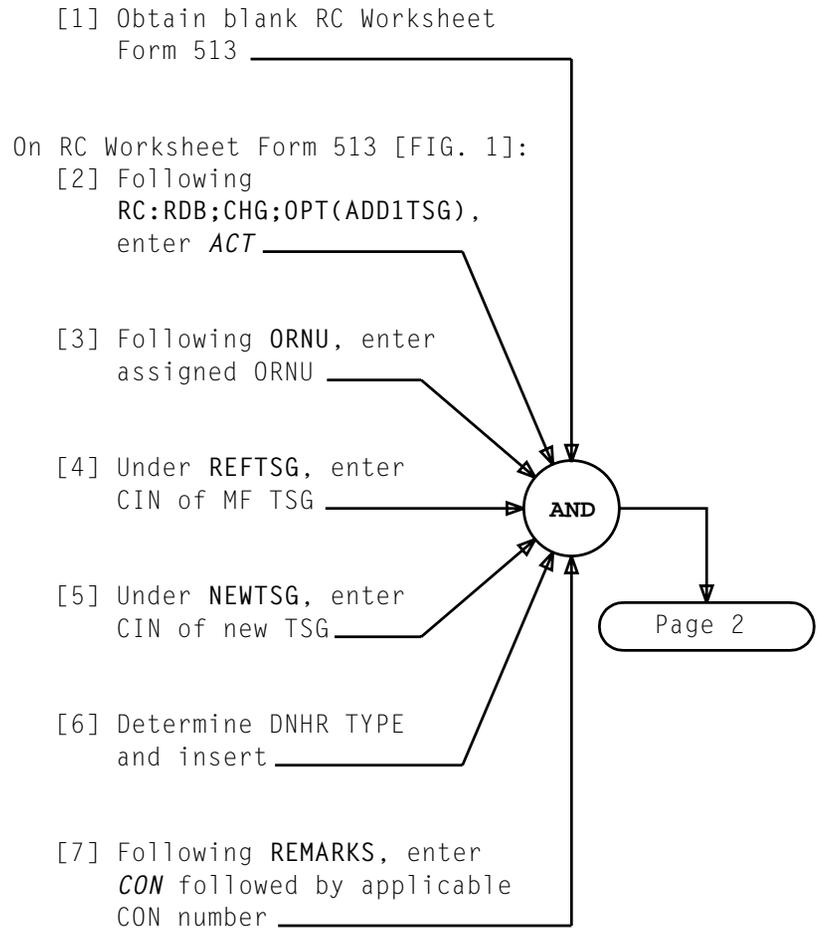


FIG. 1 - Sample CRT Display - RDBIs Containing TSG



```

# FORM 513 TG-4 ADD A TRUNK SUBGROUP TO EXISTING ROUTING DATA BLOCKS
4ESS SWITCH

RC:RDB;CHG;OPT(ADD1TSG), A C T:
ORNU 3 1 9 5 0 9,

                                REFTSG
CIN OF MF TSG --> BTFN   TOWN   ST   BL   FBS   NBS
                   1 S T L S M O 0 9 1 4 T 0 4 T,   INSERT NEWTSG A,

                                NEWTSG
CIN OF NEW TSG --> BTFN   TOWN   ST   BL   FBS   NBS
                   1 S T L S M O 0 9 M F T 0 4 T,   DNHRTYPE _ _,

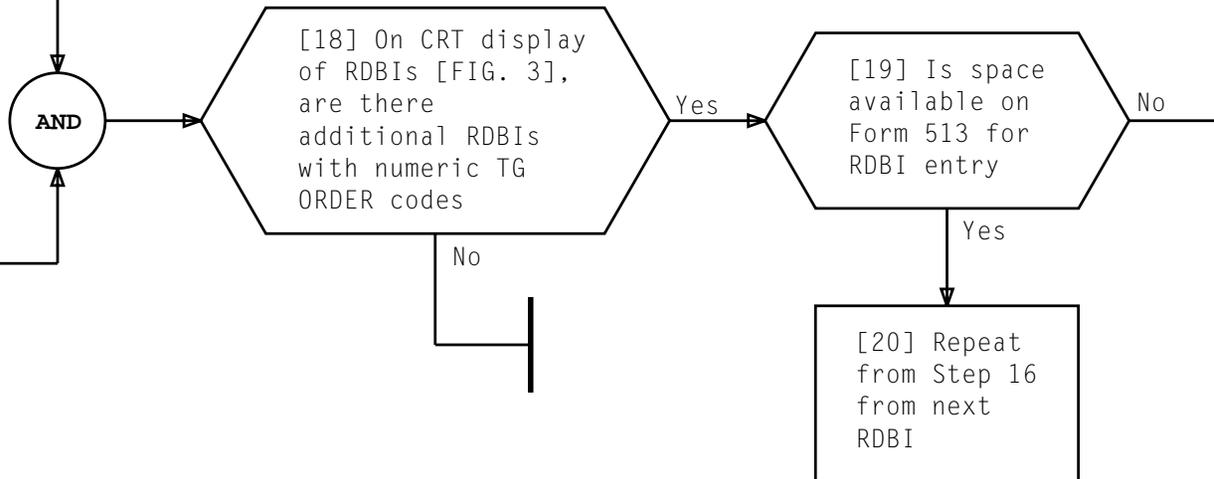
RDBI      RDBI      RDBI      RDBI
1 1,    5 9,    9 7,    _____,
_____, _____, _____, _____,
_____, _____, _____, _____,
_____, _____, _____, _____,
REMARKS CON 876
_____
_____!
  
```

FIG. 1 - Sample of Completed RC Worksheet Form 513

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[16] On CRT display of RDBIs [FIG. 3], identify first RDBI with numeric TG ORDER code

[17] On Form 513 [FIG. 1] under column heading RDBI, enter identified RDBI

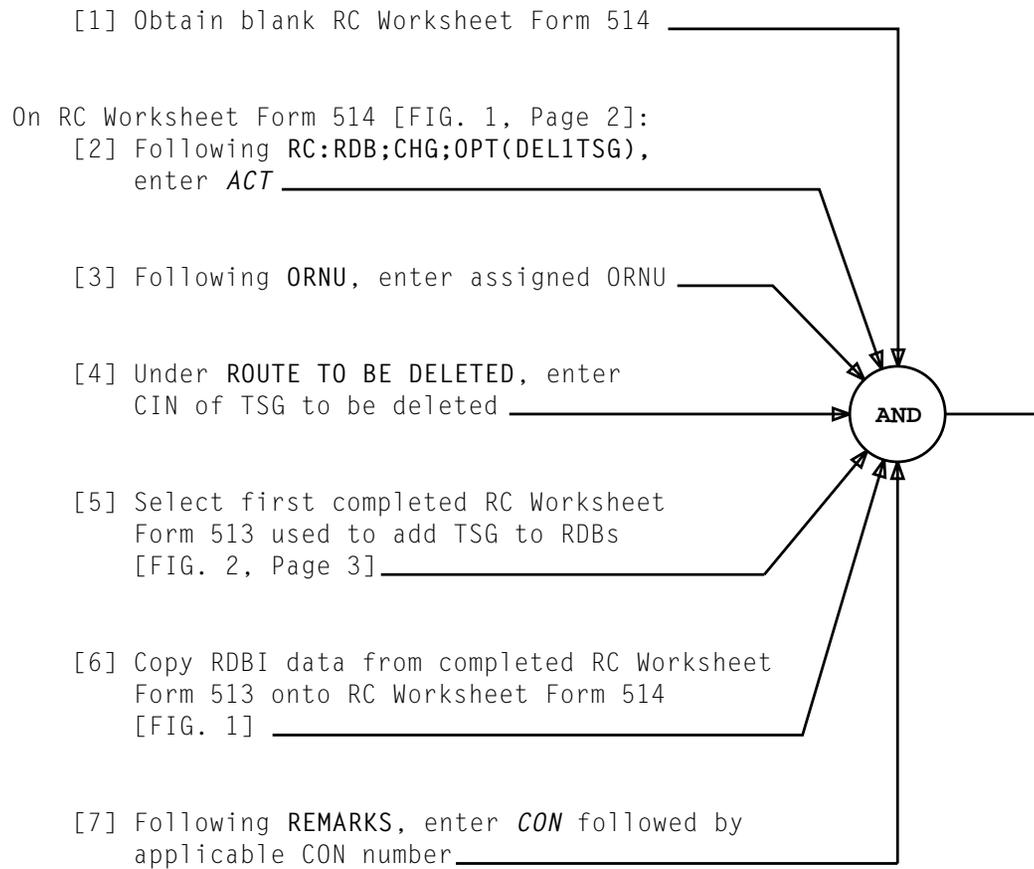


FIRST RDBI WITH NUMERIC TG ORDER CODE

						BTFN	TOWN	ST	BL	FBS	NBS
M 32 VER:RDB;OPT(LIST):						TSG	1	STLS	MO	09	14T 04T
RDBI	TG ORDER	DEL	PREFIX	DNHR	TYPE	RDBI	TGORDER	DEL	PREFIX	DNHR	TYPE
2,	A,	0,	,	,		11,	5,	0,	,	,	
59,	1,	4,	08Z,	,		97,	3,	0,	,	,	
11/14/86 11:40:20											
#980											

TSG CIN

FIG. 3 - Sample CRT Display of RDBIs Containing TSG



COMPLETE RC WORKSHEET TO DELETE TSG FROM RDB

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FORM 513 TG-4

ADD A TRUNK SUBGROUP TO EXISTING ROUTING DATA BLOCKS
4ESS SWITCH

RC:RDB;CHG;OPT(ADDITSG), A C T:

ORNU 3 1 9 5 0 9.

CIN OF
REFERENCE
TSG

REFTSG

BTFN TOWN ST BL FBS NBS

1 S T L S M O 0 9 1 4 T 0 4 T,

INSERT NEWTSG A.

CIN OF
NEW TSG

NEWTSG

BTFN TOWN ST BL FBS NBS

1 S T L S M O 0 9 M F T 0 4 T,

DNHRTYPE ,

RDBI RDBI RDBI RDBI

1 1, 5 9, 9 7, ,

 , , , ,

 , , , ,

 , , , ,

 , , , ,

 , , , ,

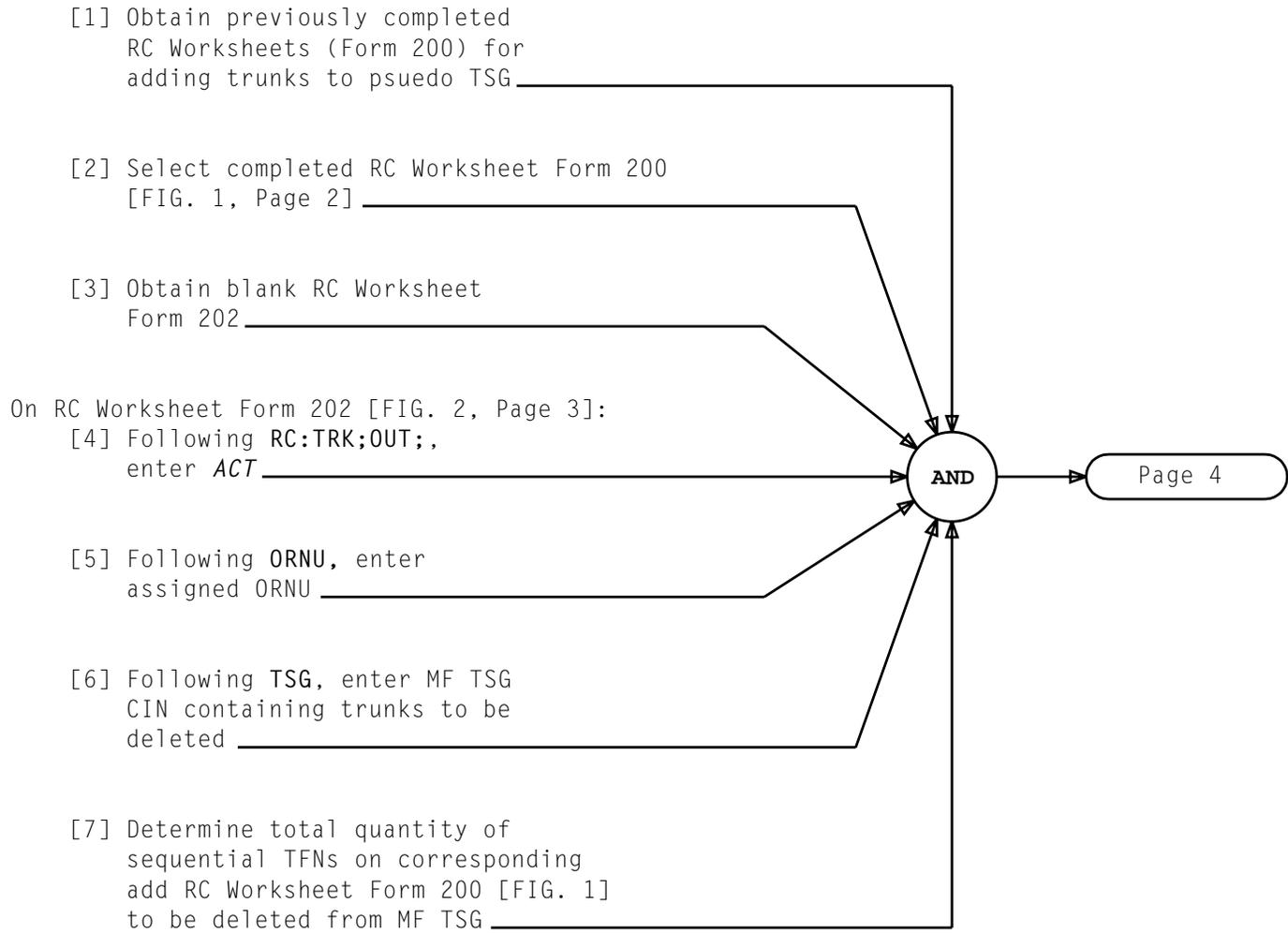
REMARKS C O N 8 7 6

 !

RECENT CHANGE WORKSHEET - NOT FOR ODA INPUT

FIG. 2 - Sample of Completed RC Worksheet Form 513

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COMPLETE RC WORKSHEETS TO DELETE TRUNKS FROM MF TSG

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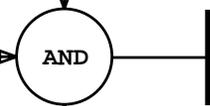
On RC Worksheet Form 202 [FIG. 3]:

[8] Following **FTFN**, enter

lowest TFN to be deleted _____

[9] Following **QTRK**, enter determined quantity
of sequential TFNs to be deleted from
MF TSG (not to exceed 120 per RC worksheet
line) _____

[10] Following **REMARKS**, enter
CON followed by applicable
CON number _____



```

# FORM 202 TG-4                                DELETE MESSAGE AND VFL TRUNKS
                                                4ESS SWITCH

RC:TRK;OUT; A C T:

                                BTFN      TOWN      ST      BL      FBS      NBS
ORNU 3 1 9 5 1 2,                TSG   _ _ 1 S T L S M O 0 9 1 4 T 0 4 T,
QTRK  2 4 ,                FTFN   _ _ 1
  - - ,                - - - ,
  - - ,                - - - ,
  - - ,                - - - ,
  - - ,                - - - ,

REMARKS C O N 1 1 1 - - - - -
  - - - - - !
  
```

CIN OF MF TSG

FIG. 2 - Sample of Completed RC Worksheet Form 202

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[1] Obtain blank RC Worksheet
Form 107 _____

On RC Worksheet Form 107 [FIG. 1, Page 2]:

[2] Following RC:TSG;CHG;OPT(TWOWAY),
enter ACT _____

[3] Following ORNU, enter
assigned ORNU _____

[4] Following TSG, enter
CIN of CCIS TSG _____

[5] Following FENCLASS, FENID, TFG, TOT, SAT, DOM,
FENPA, FESC6, INSEP, MTSC, GNCS, GEOSAP, RFA,
DNHR, REV, BN, BRL, EAS, PBXESGD, PBXAW, and
FAR4E, enter data from displayed MF TSG
characteristics _____

[6] Following ADIG, DPSTOP, DELAY,
MFSPEED, OTSTN, and OTMTN,
leave entries blank _____

[7] Following ISC and OSC, enter
DOMCCIS _____

AND

Page 3

**COMPLETE RC WORKSHEET TO CHANGE CHARACTERISTICS
OF 2W MF TSG TO 2W CCS TSG**

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FORM 107 TG-4
4E20

CHANGE THE CHARACTERISTICS OF AN EXISTING TWO-WAY
TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;CHG;OPT(TWOWAY), A C T:

BTFN TOWN ST BL FBS NBS

ORNU 319516,

TSG 1STLSMO0914T04T,

PCF _____, AOPC _____,

DPC _____,

FENCLASS _____, FENID _____,

TFG _____, TSGBBC _____, VDCAP _____, DATAF _____,

FEAREA _____, FESWID _____,

EXSEQ _____, FEPTY _____,

C1WT02W _____, TOT ITOLL, SAT N,

DOM POTS, ACD _____, IT _____,

FENPA 314, FEOFCL _____, FELATA _____,

FESC6 Y, IWZ1 _____, LSST _____,

MEM _____, PSES N, INSEP 10,

MTSC 1, GNSC 0, GEOSEP 0,

ISC DOMCCIS, RFA Y, ADIG _____,

CID _____, CCIS2WRE N, CBNPR _____,

OSC DOMCCIS, RFMP N, DPSTOP _____,

DELAY _____, MFSPEED _____, DNHR _____,

XCPA 2, DNP _____,

REV N, GLARE N, PSOLI _____,

BN _____, BRL _____, ITC _____, GSDN _____,

GSDNPHSE _____, EAS _____, NPARINH _____,

WATSBN _____, PSBN _____, PSCPN _____,

ANISID _____, WANISID _____, PSUUI _____,

BNPT _____, WBNPT _____, CMERGE _____,

SCFN _____, OVLV _____, PRIT _____,

APS _____, CHNEG _____, PSATP _____, PBXESGD _____,

PBXAW _____, FAR4E _____, DOFP _____, SBRIV _____,

MEGC _____, SDNA _____, OWAT _____, DATA _____, CBC _____,

DDD _____, IDDD _____, FOSPS _____, CCIF _____,

SDNPLAN _____, BFTIS _____, BFTNI _____,

SKSP _____, PBXNWW _____, HYBRD _____,

INCLD _____, ITELCO _____, S5DIG _____,

CID _____,

ONCID _____, D3DBN _____, MULAW _____, CSCSET _____,

FLDSPR _____,

ANCR _____, ACCID _____, ACCDTA _____, PSTNG _____,

CODSC _____, NEOTR N, TRIDX _____,

CAREA 1, CPOS 0, SINDEXT _____,

OTMTT _____, OTMTN _____,

OTSTT _____, OTSTN _____,

XTMTT _____, XTMTN _____,

XTSTT _____, XTSTN _____,

S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____,

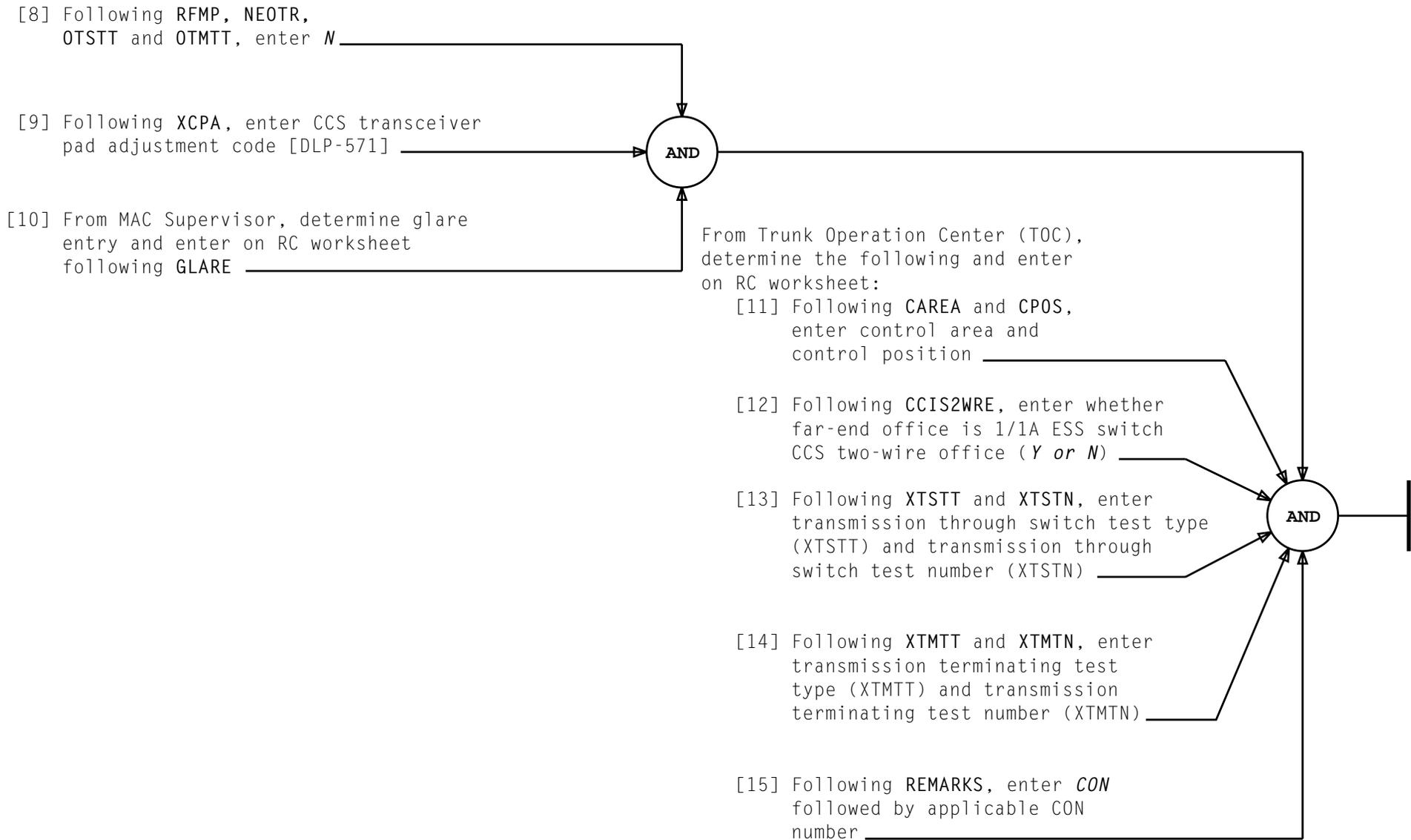
REMARKS CON 876 _____!

TSG CIN

FIG. 1 - Sample of Partially Completed RC Worksheet Form 107 - 4E20 Generic Program

COMPLETE RC WORKSHEET TO CHANGE CHARACTERISTICS OF
2W MF TSG TO 2W CCS TSG

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COMPLETE RC WORKSHEET TO CHANGE CHARACTERISTICS OF 2W MF TSG TO 2W CCS TSG

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1. Obtain blank RC Worksheet Form 108
 2. On RC Worksheet Form 108 [FIG. 1, Page 2]:
 - 2.1 Following RC:TSG;CHG;OPT(IN1WAY), enter *ACT*
 - 2.2 Following ORNU, enter assigned ORNU
 - 2.3 Following TSG, enter CIN of CCIS TSG
 - 2.4 Following FENCLASS, FENID, TFG, TOT, SAT, DOM, FENPA, FESC6, INSEP, MTSC, GNSC, GEOSEP, RFA, BN, BRL, EAS, CMTYP, PBXESGD, PBXAW, and FAR4E, enter data from displayed MF TSG characteristics
 - 2.5 Following ADIG, leave entries blank
 - 2.6 Following ISC, enter *DOMCCIS*
 - 2.7 From Trunk Operation Center (TOC) or equivalent source, following CCIS2WRE, enter whether far-end office is 1/1A ESS switch CCS two-wire office (Y or N)
 - 2.8 From Trunk Operation Center (TOC), determine control area (CAREA) and control position (CPOS) and enter on RC worksheet following CAREA and CPOS
 - 2.9 Following REMARKS, enter *CON* followed by applicable CON number
- End of procedure

FORM 108 TG-4
4E20

CHANGE THE CHARACTERISTICS OF AN EXISTING ONE-WAY
INCOMING TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;CHG;OPT(INIWAY), A C T:
BTFN TOWN ST BL FBS NBS
ORNU 3 1 9 5 1 7, TSG 1 0 1 S T L S M 0 0 9 1 4 T 0 4 T,
PCF _____, AOPC _____, DPC _____,
FENCLASS _____, FENID _____, TFG _____, TSGBBC _____,
TOT I T O L L, SAT N, DOM P O T S, IT _____,
FENPA 3 1 4, FEOFCL _____, FELATA _____, FESC6 _____, IWZ1 _____, LSST _____,
MEM _____, PSES N, INSEP 1 0, MTSC 0, GNSC 0, GEOSEP 0,
ISC D O M C C I S, RFA Y, ADIG _____, CCIS2WRE N, CBNPR _____,
BN _____, BRL _____, ITC _____, GSDN _____, GSDNPHSE _____, EAS _____, CMTYP _____, NPARINH _____,
WATSBN _____, PSUUI _____,
BNPT _____, WBNPT _____, CMERGE _____, SCFN _____, OVLPL _____, PRIT _____,
APS _____, PSATP _____, PBXESGD _____, PBXAW _____, FAR4E _____,
MEGC _____, SDNA _____, OWAT _____, DATA _____, CBC _____, DDD _____, IDDD _____, FOSPS _____,
SDNPLAN _____, BFTIS _____, BFTNI _____, SKSP _____, PBXNWW _____, HYBRD _____,
INCLD _____, ITELCO _____, S5DIG _____,
ANCR _____, ACCID _____, ACCDTA _____, PSTNG _____, FLDSPR _____,
CAREA 1, CPOS 2, SINDEK _____,
S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____,
REMARKS C O N 8 8 7 _____!

FIG. 1 - Sample of Completed RC Worksheet Form 108 - 4E20 Generic Program

COMPLETE RC WORKSHEET TO CHANGE CHARACTERISTICS OF
1WI MF TSG TO 1WI CCS TSG

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1. Obtain blank RC Worksheet Form 109; data is generic sensitive [Fig. 1, Page 2]:
 2. On RC Worksheet Form 109:
 - 2.1 Following RC:TSG;CHG;OPT(OUT1WAY), enter *ACT*
 - 2.2 Following ORNU, enter assigned ORNU
 - 2.3 Following TSG, enter CIN of CCIS TSG
 - 2.4 Following FENCLASS, FENID, TOT, SAT, DOM, FENPA, BN, and BRL, enter data from displayed MF TSG characteristics
 - 2.5 Following DPSTOP, DELAY, MFSPEED, OTSTN, and OTMTN, leave entries blank
 - 2.6 Following OSC, enter *DOMCCIS*
 - 2.7 Following RFMP, NEOTR, OTSTT, and OTMTT, enter *N*
 - 2.8 Following XCPA, enter CCIS transceiver pad adjustment code [DLP-571]
 3. Continuing on RC Worksheet Form 109, from Trunk Operation Center (TOC) or equivalent source, determine and enter on RC Worksheet:
 - 3.1 Following XTSTT and XTSTN, enter transmission through switch test type (XTSTT) and transmission through switch test number (XTSTN)
 - 3.2 Following CCIS2WRE, enter whether far-end office is 1/1A ESS switch CCS two-wire office (*Y* or *N*)
 - 3.3 Following CAREA and CPOS, enter control area and control position
 - 3.4 Following XTMTT and XTMTN, enter transmission terminating test type (XTMTT) and transmission terminating test number (XTMTN)
 - 3.5 Following REMARKS, enter *CON* followed by applicable CON number
- End of procedure

**COMPLETE RC WORKSHEET TO CHANGE CHARACTERISTICS OF
1W0 MF TSG TO 1W0 CCS/CCS7 TSG**

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```

# FORM 109
4E20
CHANGE THE CHARACTERISTICS OF AN EXISTING ONE-WAY
OUTGOING TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG:CHG:OPT(OUT1WAY), A C T:
BTFN TOWN ST BL FBS NBS
ORNU 3 1 9 5 1 8, TSG 3 0 1 S T L S M O 0 9 1 4 T 0 4 T,
PCF _____, AOPC _____, DPC _____,
FENCLASS _____, FENID _____, TFG _____, TSGBBC _____,
TOT I T O L L, SAT _____, DOM P O T S, ACD _____,
FENPA 3 1 4, FEOF _____, FELATA _____, IWZ1 _____,
MEM _____, PSES N,
OSC D O M C C I S, RFMP N, DPSTOP _____, CID _____, CCIS2WRE N,
XCPA 2, DNP _____, DELAY _____, MFSPEED _____,
PSOLI _____,
BN _____, BRL _____, GSDN _____,
PSBN _____, PSCPN _____, ANISID _____, WANISID _____, PSUUI _____,
BNPT _____, CMERGE _____, SCFN _____, PRIT _____,
APS _____, CHNEG _____, PSATP _____, DOFP _____, SBRIV _____,
FOSPS _____, CCIF _____,
ONCID _____, D3DBN _____, MULAW _____, CSCSET _____, CID _____,
ANCR _____, ACCID _____, ACCDTA _____, PSTNG _____, FLDSPR _____,
CAREA 1, CPOS 3, SINDEXT _____, CODSC _____, NEOTR N, TRIDX _____,
OTSTT _____ N, OTSTN _____, OTMTT _____ N, OTMTN _____,
XTSTT _____ N, XTSTN _____, XTMTT _____ N, XTMTN _____,
S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____,
REMARKS C O N 8 9 2
_____
_____!

```

FIG. 1 - Sample of Partially Completed RC Worksheet Form 109 - 4E20 Generic Program

**COMPLETE RC WORKSHEET TO CHANGE CHARACTERISTICS OF
1WO MF TSG TO 1WO CCS/CCS7 TSG**

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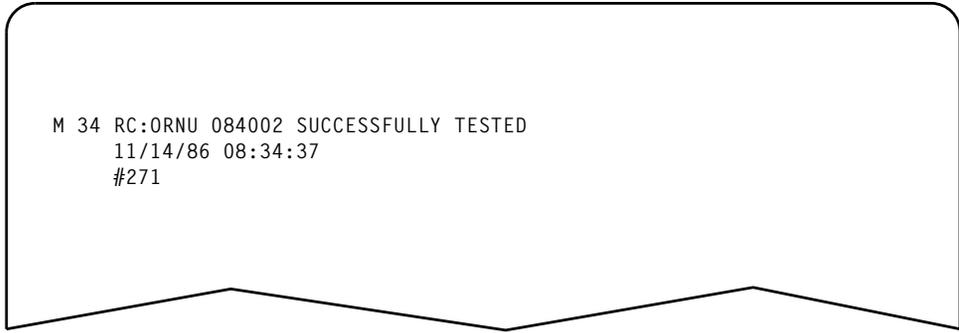
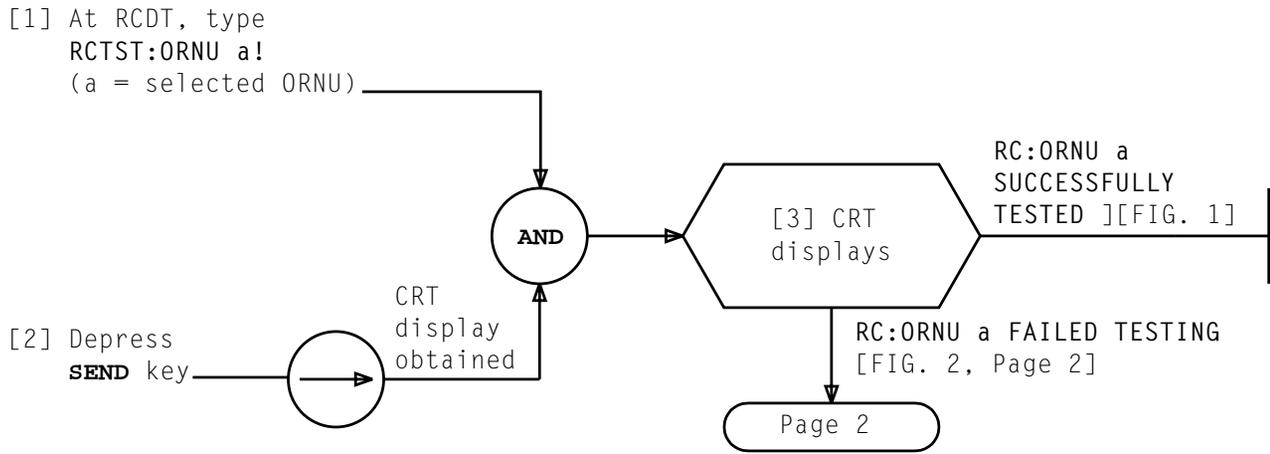
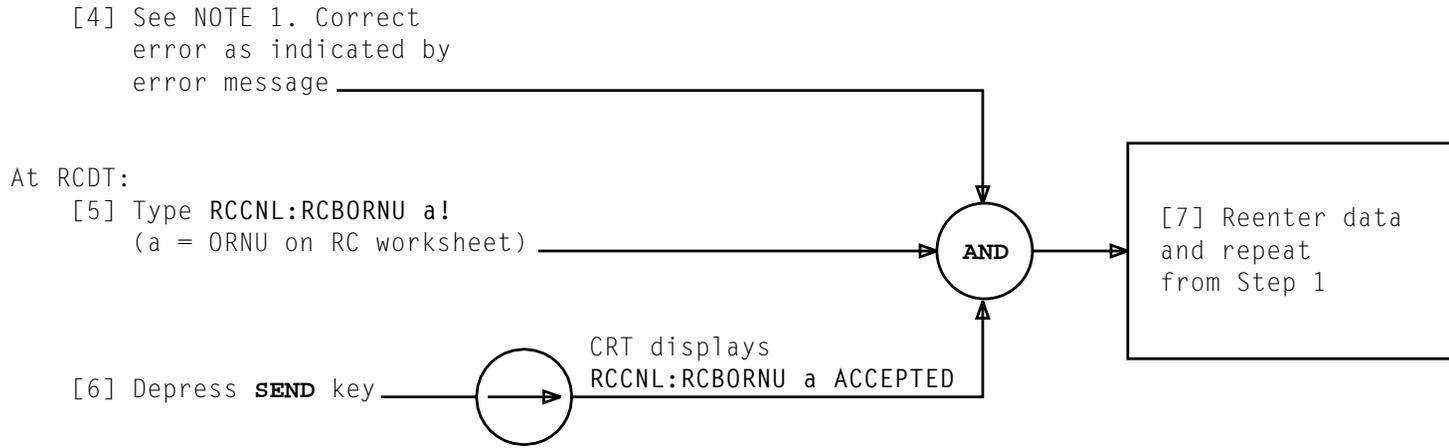


FIG. 1 - Sample CRT Display of RCDM Successfully Tested



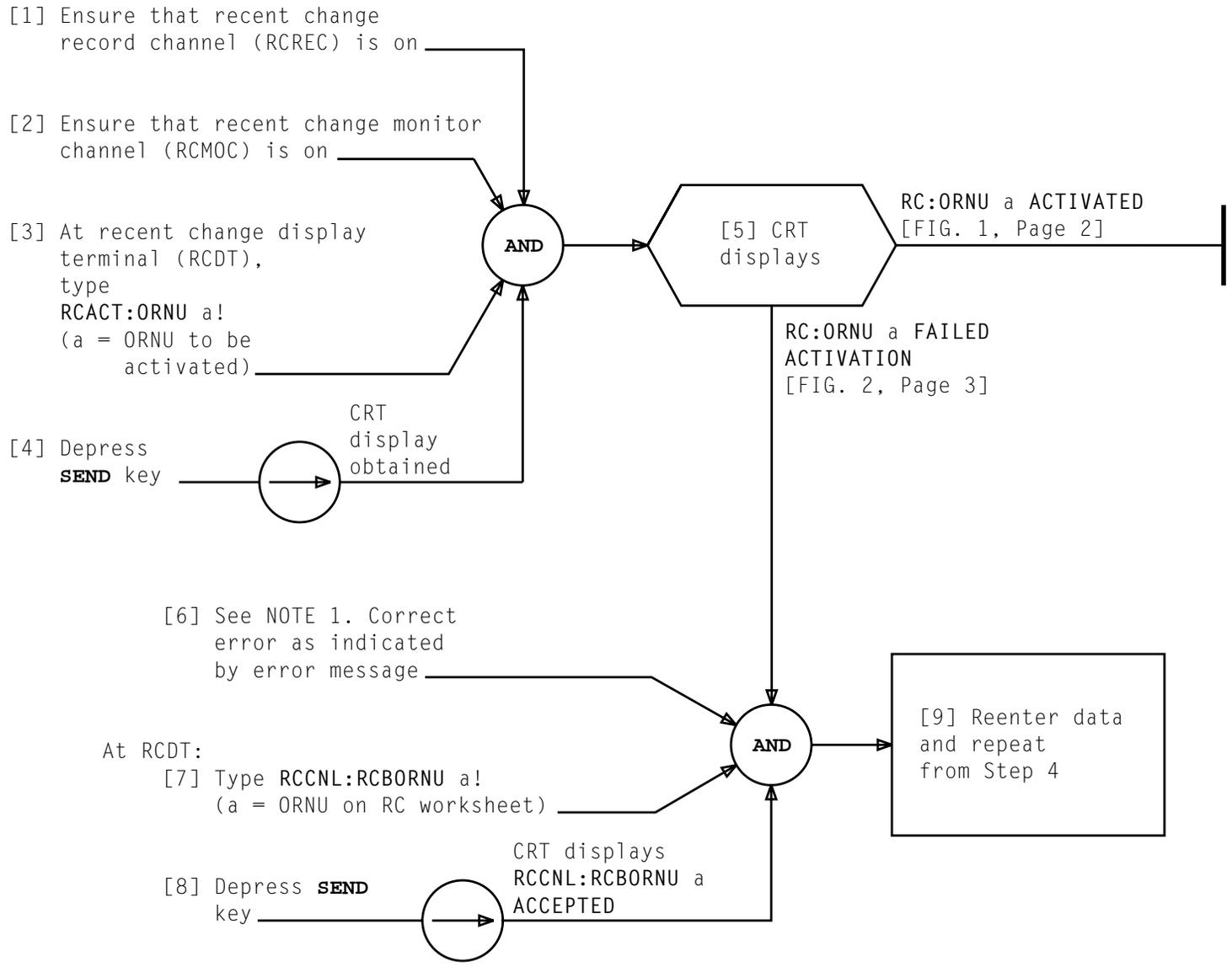
```

M 12 RC:ORNU 084002 FAILED TESTING
ROUTING, FAILURE 10, ADDRESS 15145035
OLD DATA INPUTTED DOES NOT MATCH DATA IN
TRANSLATORS VERIFY OLD DATA

04/19/86 19:12:53
#868
  
```

FIG. 2 - Sample CRT Display of RCDM Failed Testing

NOTE 1	
If message rejected because of error, CRT displays portion of input form ending with keyword that contained error	
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NOTE 1	
If message rejected because of error, CRT displays portion of input form ending with keyword that contained error	
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ACTIVATE ORNU

MESSAGE
ACCEPTED FOR
ACT STATE

DISPLAY
OF RCDM
CHARACTERISTICS

```

M 35 RC:ORNU 319513 ACTIVATED
      11/14/86 08:35:37
      #272

RC:TRK:NEW:OPT(MANUAL),BUF:          BTFN TOWN ST BL FBS NBS

ORNU 319513,                          TSG   1 STLS MO 09 MFT 04T,

ES   N,                                DID2  ,

                                TAN
QTRK  FTFN      TSI  SPC LVL FTS      FCHAN  RNA  PID  FAC  FTRID  BBC  SCGA
12,   1,        1,  1,  6,  1,      ,      ,  -,  --,  ,  -,  ,
,     ,        ,  ,  ,  ,      ,      ,  -,  --,  ,  -,  ,
,     ,        ,  ,  ,  ,      ,      ,  -,  --,  ,  -,  ,
,     ,        ,  ,  ,  ,      ,      ,  -,  --,  ,  -,  ,
,     ,        ,  ,  ,  ,      ,      ,  -,  --,  ,  -,  ,
,     ,        ,  ,  ,  ,      ,      ,  -,  --,  ,  -,  ,

REMARKS CON 876.....!
  
```

FIG. 1 - Sample CRT Display - RCDM Activated

ACTIVATE ORNU

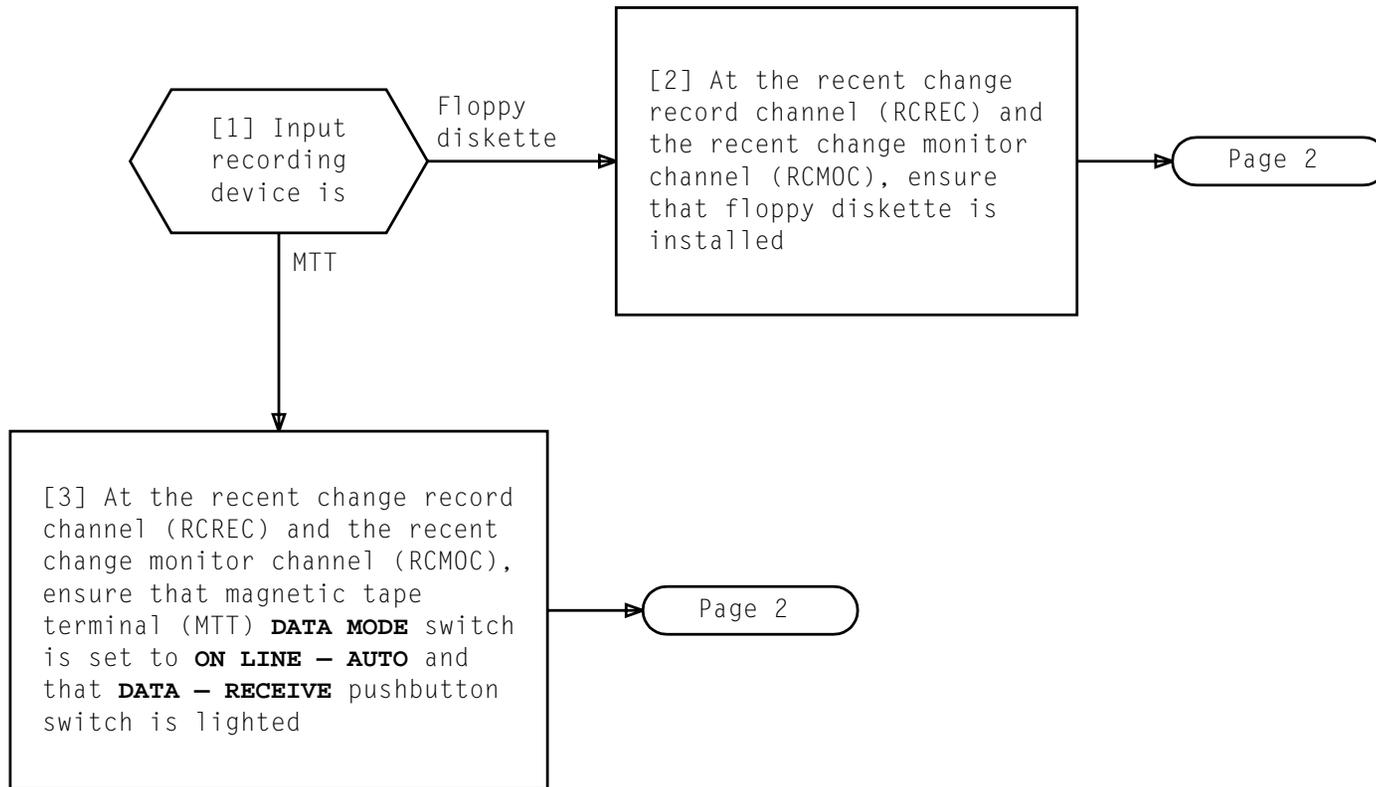
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```
M 23 RC:ORNU 319513 FAILED ACTIVATION:  
RCMP CONTROL, FAILURE 6, ADDRESS 15102622  
DATA TO BE ACTIVATED DOES NOT MATCH DATA STORED IN BUFFER STATE  
- LIST ACT  
  
03/24/86 09:24:06  
#079
```

FIG. 2 - Sample CRT Display - RCDM Failed Activation

ACTIVATE ORNU

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ENTER TRUNK TYPE RCDM INTO BUFFER MEMORY USING RCDT

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[4] At RCDT, type
 OP:RCFORM a!
 (a = form number at upper
 left corner of RC worksheet
 being entered)

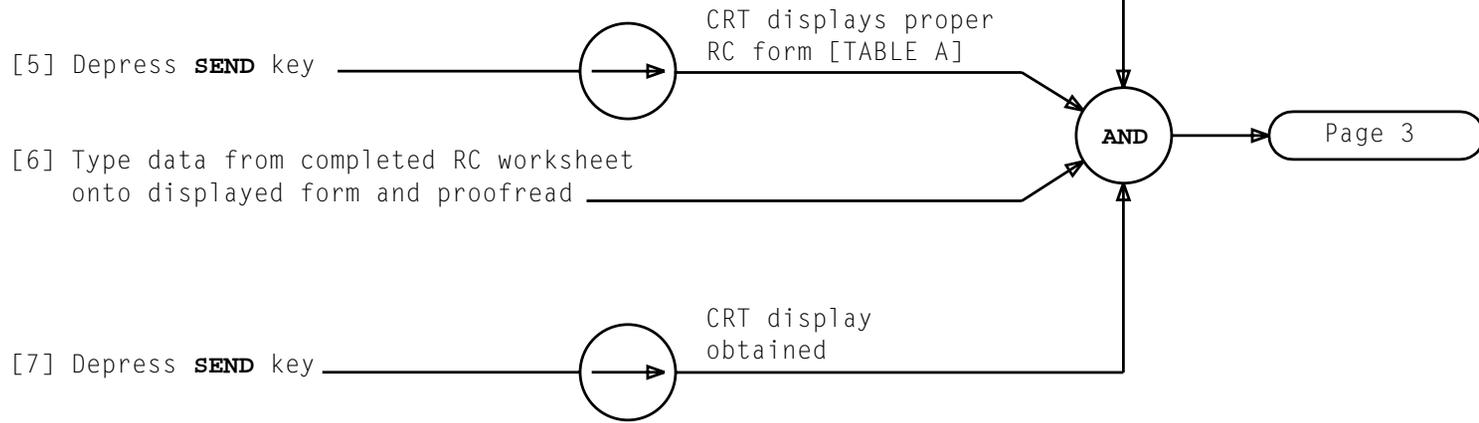
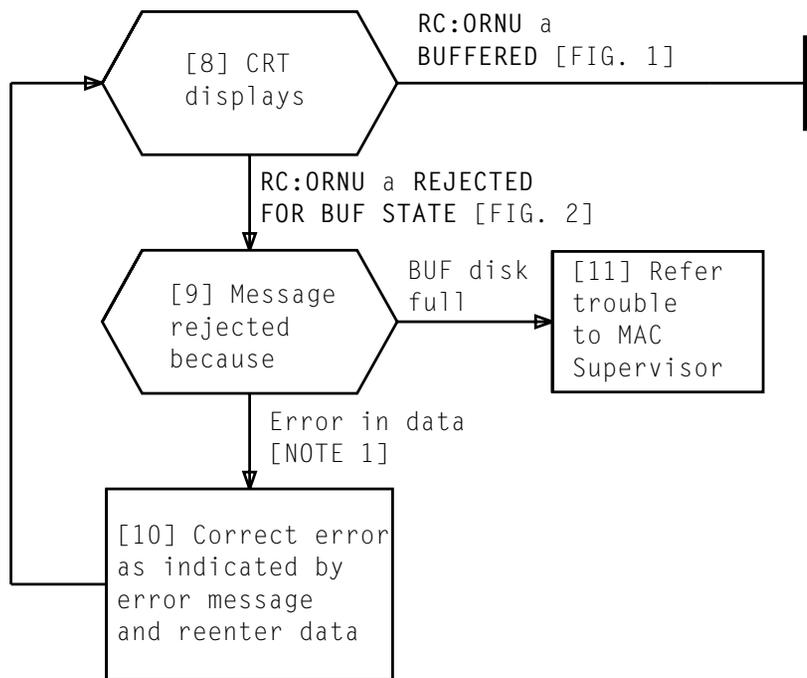


TABLE A	
FORM NUMBER	RECENT CHANGE ACTIVITY
106	Delete TSG
202	Delete message and voice frequency link (VFL)trunks
203	Add new CCS trunks; assign TANs manually
514	Delete TSGs from existing RDB

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ENTER TRUNK TYPE RCDM INTO BUFFER MEMORY USING RCDT



MESSAGE ACCEPTED FOR BUF STATE

```

M 33 RC:ORNU 319513 SUCCESSFULLY BUFFERED
      11/14/86 08:33:37
      #270
  
```

FIG. 1 - Sample CRT Display of RCDM Accepted for BUF State

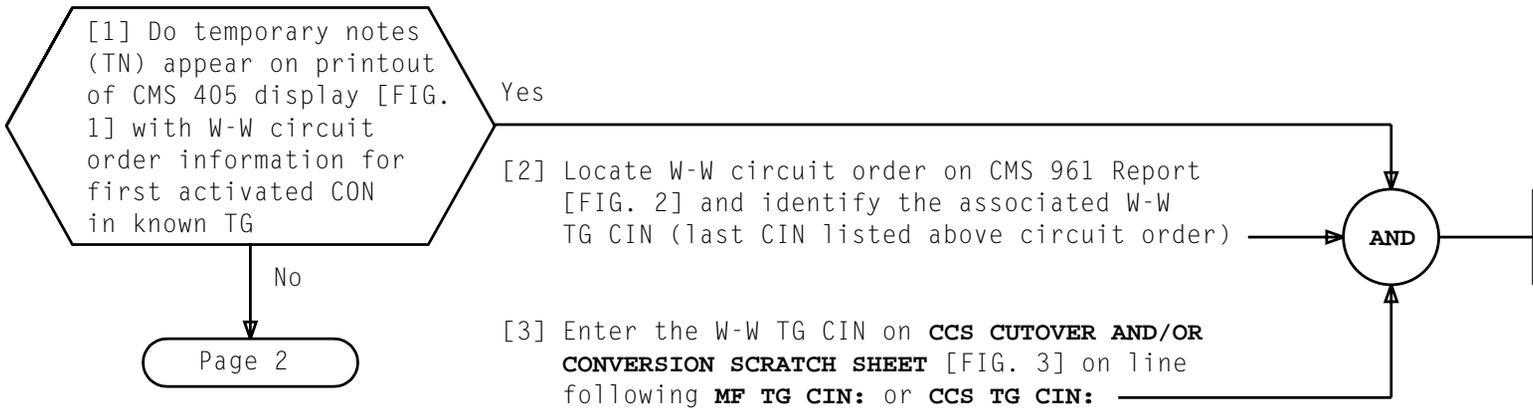
```

M 31 RC: ORNU 319513 REJECTED FOR BUF STATE:
      ERROR IN KEYWORD OF MESSAGE ORNU 319513
      D1D2 N,
  
```

FIG. 2 - Sample CRT Display - Error Message

NOTE 1	
If message rejected because of error, CRT displays portion of input form ending with keyword that contained error	
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ENTER TRUNK TYPE RCDM INTO BUFFER MEMORY USING RCDT



FIRST ACTIVATED
CIRCUIT ORDER IN
KNOWN TG (ACT.CODE A)

TN NOTES MAY OR MAY NOT CONTAIN W-W CIRCUIT
ORDER NUMBER INFORMATION (A SECOND 405 PAGE
MAY BE OBTAINED BY ENTERING 405 AGAIN)

```

MESSAGES:
CON/ITEM/MEMBER: 898/01 /01)M 1STLSM00906T04T STATUS: RC/PND/PND

405 WORK AUTHORIZATION AND LOG

CLCID 1 IH21IT KSCYM00904T CC STLSM00906T

ORDER NO. :W20199 ITEM NO. : 01 SERVICE DATE : 11/15
ISSUING CO :LL ACTION : A TEST DATE :
440 ASSUMED IE : B1 WORK DATE : /
445 -----
447
448
449

TN
  
```

W20177 AND W20178 ARE DISCONTINUED (ACT.CODE D) CIRCUIT ORDERS ASSOCIATED WITH ADD (ACT.CODE A) CIRCUIT ORDER W20199

FIG. 1 - Sample Printout of CMS 405 Display

W-W TG CIN

W-W CIRCUIT
ORDER NUMBERS

```

DATE - 10/15 TIME - 08:47 PAGE 27
REPORT 961 CIRCUIT ORDER REPORT

EARLIEST ITEM # OF STATUS
DUE DATE CON ORDER NUMBER CIN ITEMS MAC/TEC/TOC

TRUNK GROUP STLSM00906T04T
11/15/85 898 W20199 1STLSM00906T04T 01 RC/PND/PND
11/15/85 899 W20200 13STLSM00906T04T 01 RC/PND/PND

11/15/85 024 W20218 349STLSM00906T04T 01 PND/PND/PND

TRUNK GROUP STLSM00914T04T
11/15/85 876 W20177 1STLSM00914T04T 07 RC/PND/PND
11/15/85 877 W20178 8STLSM00914T04T 05 RC/PND/PND
11/15/85 878 W20179 13STLSM00914T04T 01 PND/PND/PND

11/15/85 061 W20196 337STLSM00914T04T 01 PND/PND/PND
11/15/85 062 W20197 349STLSM00914T04T 01 PND/PND/PND
  
```

FIG. 2 - Sample of CMS 961 Report

ENTER W-W TG CIN

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On CMS 961 Report [FIG. 4]:

[4] Locate similar TG with same EARLIEST ITEM DUE DATE as known TG

[5] Ascertain that CIN of this TG is same as CIN of known TG except for far building subdivision identifier [FIG. 4]

AND

[6] Does more than one TG meet these requirements

No

[7] Enter the W-W TG CIN on **CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET** [FIG. 3] on line following **MF TG CIN:** or **CCS TG CIN:**

Yes
Page 4

CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET

MF TG CIN: STLSM00914T04T EARLIEST ITEM DUE DATE: 11/15/86

CCS TG CIN: STLSM00 906T04T CCIS2WRE:

CON	ACT. CODE	ICL (db)	TRAFFIC NO. (TFN)	FACILITY	WORK WITH CON(S)
898	A	1.3	1	1A	

FIG. 3 - Sample of CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET

ENTER W-W TG CIN

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FAR BUILDING SUBDIVISION IDENTIFIER

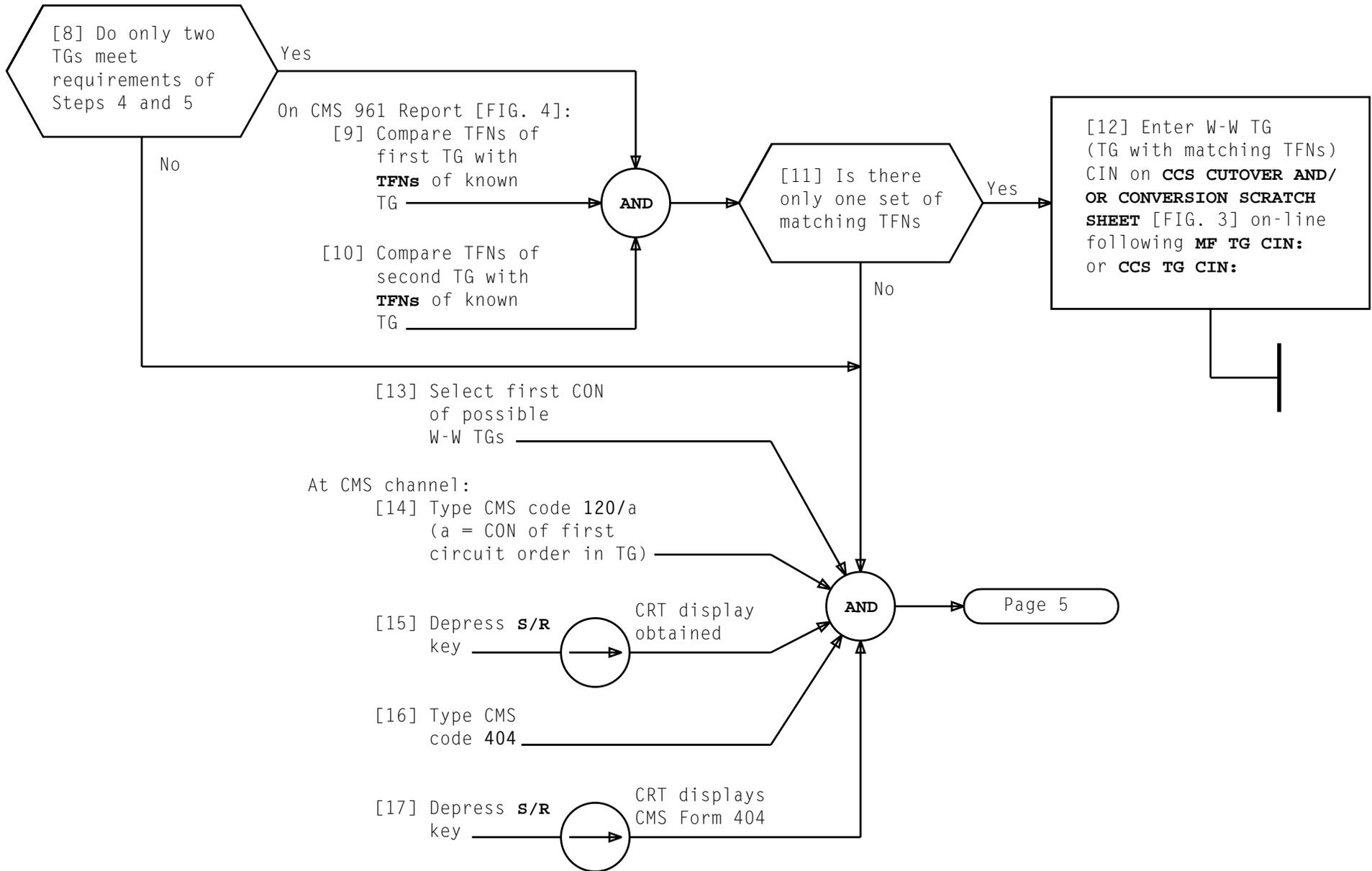
DATE - 10/15		TIME - 08:47		PAGE 27	
REPORT 961 CIRCUIT ORDER REPORT					
KNOWN TG EARLIEST ITEM DUE DATE	EARLIEST ITEM DUE DATE	CON ORDER NUMBER	CIN	# OF ITEMS	STATUS MAC/TEC/TOC
TRUNK GROUP STLSM00906T04T					
11/15/86	898	W20199	1	STLSM00906T04T 01	RC/PND/PND
11/15/86	899	W20200	13	STLSM00906T04T 01	RC/PND/PND
TRUNK GROUP STLSM00906T04T					
11/15/86	024	W20218	349	STLSM00906T04T 01	RC/PND/PND
TRUNK GROUP STLSM00914T04T					
11/15/86	876	W20177	1	STLSM00914T04T 07	RC/PND/PND
11/15/86	877	W20178	8	STLSM00914T04T 05	RC/PND/PND
11/15/86	878	W20179	13	STLSM00914T04T 01	RC/PND/PND
TRUNK GROUP STLSM00914T04T					
11/15/86	061	W20196	337	STLSM00914T04T 01	RC/PND/PND
11/15/86	062	W20197	349	STLSM00914T04T 01	RC/PND/PND

TFNs

FIG. 4 - Sample of CMS 961 Report

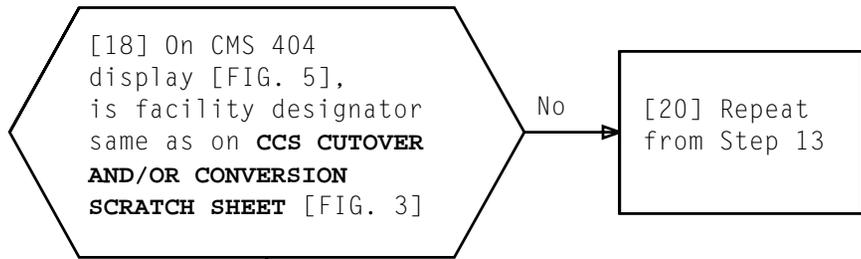
ENTER W-W TG CIN

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ENTER W-W TG CIN

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[19] Enter W-W TG CIN [FIG. 5] on **CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET** [FIG. 3] on line following **MF TG CIN:** or **CCS TG CIN:**

W-W TG CIN

```

    MESSAGES:
    CON/ITEM/MEMBER: 876/01 /01)M 1STLSM00914T04T STATUS: RC/PND/PND

    404 TRANSLATION DATA
    ----- CIRCUIT -----
    430 CLCID: 1 IH21IT KSCYM00904T MM STLSM00914T
    CIN : 1STLSM00914T04T
    ALTERNATE NAME:
    CONTROL: CO RESP: TOC/TEC:22/50/
    OWNERSHIP:LL MTC RESP: TOC/TEC:22/50/
    ORIGINAL CLCID: (ONLY APPLIES TO NAME CHANGE)

    431 ESS TAN: 1004078 CCIS TERMINAL: / BAND: LABEL:

    432 ABBREVIATED ORDER CODE: FE CHANNEL BANK:

    ----- FACILITY -----
    433 OUTGOING FAX: 1 A 1 KSCYM00904T STLSM00914T

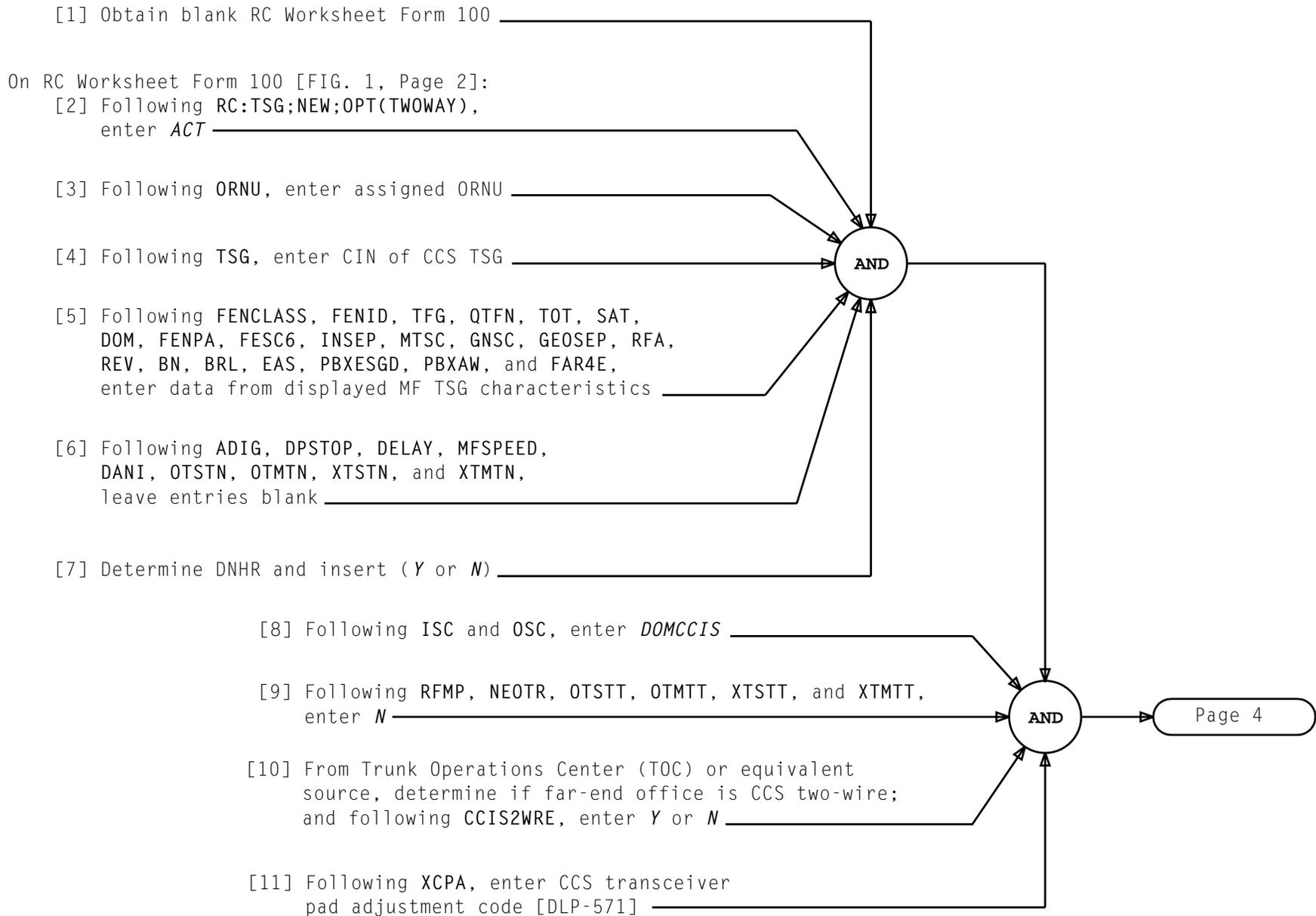
    ----- CIRCUIT ORDER -----
    434 WORK DATE: / / TEST DATE: / / DUE DATE:11/15/86
    435 CAROT TESTABLE? N CAROT TESTS PASSED? N
    RMS-D2 TESTABLE? N RMS-D2 TEST PASSED? N
  
```

FACILITY DESIGNATOR

FIG. 5 - Sample CMS 404 Display

ENTER W-W TG CIN

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COMPLETE RC WORKSHEET TO ESTABLISH 2W CCS TSG

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FORM 100
4E20

ESTABLISH A NEW TWO-WAY TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;NEW;OPT(TWOWAY), ACT:
ORNU 319504, TSG ___ 1STLSMO09MFT04T,
PCF ____, AOPC _____, DPC _____,
FENCLASS _____, FENID _____, TFG __, TSGBBC __, VDCAP _____, DATAF __,
FEAREA _____, FESWID _____, EXSEQ __, FEPTY __,
QTFN 192, TOT ITOLL, SAT N, DOM POTS, ACD __, IT __,
FENPA __, FEOFC ____, FELATA ____, FESC6 Y, IWZ1 __, LSST ____,
MEM __, PSES N, INSEP 10, MTSC 0, GNSC 0, GEOSEP 0 __,
ISC DOMCCIS, RFA Y, ADIG __, CID _____, CCIS2WRE __, CBNPR _____,
OSC DOMCCIS, RFMP N, DPSTOP __, DELAY _____, MFSPEED __, DNHR __,
XCPA __, DNP __, REV N, GLARE N, PSOLI __,
BN _____, BRL __, ITC __, GSDN __, GSDNPHSE __, EAS __, NPARINH __,
WATSBN _____, PSBN ____, PSCPN __, ANISID ____, WANISID ____, PSUUI __,
BNPT ____, WBNPT ____, CMERGE __, SCFN __, OVLP __, PRIT _____,
APS __, CHNEG __, PSATP __, PBXESGD __, PBXAW __, FAR4E __, DOFP __, SBRIV __,
MEGC __, SDNA __, OWAT __, DATA __, CBC __, DDD __, IDDD __, FOSPS __, CCIF __,
SDNPLAN ____, BFTIS __, BFTNI __, SKSP __, PBXNWW __, HYBRD __,
INCID __, ITELCO __, S5DIG __, CID _____, FLDSPR __,
ONCID __, D3DBN __, MULAW __, CSCSET _____,
ANCR __, ACCID __, ACCDTA __, PSTNG __,
CAREA 2, CPOS __, SINDEX __, CODSC __, NEOTR N, TRIDX __,
OTSTT ___ N, OTSTN _____, OTMTT ___ N, OTMTN _____,
XTSTT ___ N, XTSTN _____, XTMTT ___ N, XTMTN _____,
S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __,
REMARKS CON 876 _____!

FIG. 1 - Sample of Partially Completed RC Worksheet Form 100 - 4E20 Generic Program

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COMPLETE RC WORKSHEET TO ESTABLISH 2W CCS TSG

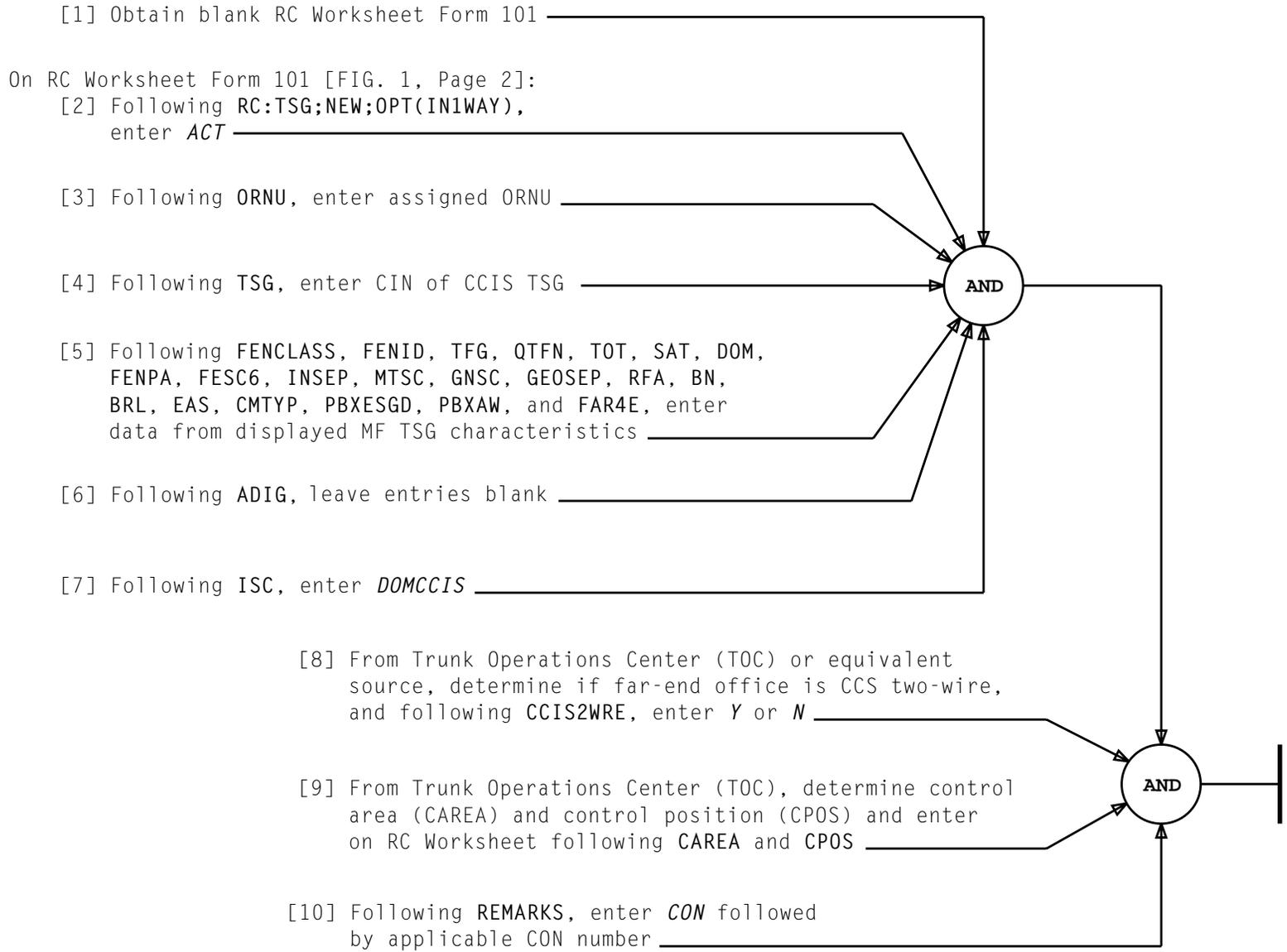
[12] From MAC Supervisor, determine glare entry and enter on RC worksheet following **GLARE**

From Trunk Operations Center (TOC), determine the following and enter on RC worksheet:

[13] Following **CAREA** and **CPOS**, enter control area and control position

[14] Following **REMARKS**, enter *CON* followed by applicable CON number





COMPLETE RC WORKSHEET TO ESTABLISH 1WI CCS TSG

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FORM 101 TG-4
4E20

ESTABLISH A NEW ONE-WAY INCOMING TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;NEW;OPT(IN1WAY), A C T:

ORNU 3 1 9 5 0 7,

PCF _____, AOPC _____,

FENCLASS _____, FENID _____,

QTFN 9 6, TOT I T O L L, SAT N,

FENPA 3 1 4, FEOF6 _____, FELATA _____,

MEM _____, PSES N, INSEP 1 0,

ISC D O M C C I S, RFA Y, ADIG _____,

BN _____, BRL _____, ITC _____, GSDN _____,

WATSBN _____,

BNPT _____, WBNPT _____, CMERGE _____,

APS _____, PSATP _____, PBXESGD _____,

MEGC _____, SDNA _____, OWAT _____, DATA _____, CBC _____,

SDNPLAN _____, BFTIS _____, BFTNI _____,

INCD _____, ITELCO _____, S5DIG _____,

ANCR _____, ACCID _____, ACCDTA _____, PSTNG _____,

CAREA 1, CPOS 0, SINDEK _____,

S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____,

REMARKS C O N 9 0 8 _____!

BTFN TOWN ST BL FBS NBS

TSG 1 0 1 S T L S M O 0 9 M F T 0 4 T,

DPC _____,

TFG _____, TSGBBC _____,

DOM P O T S, IT _____,

FESC6 Y, IWZ1 _____, LSST _____,

MTSC 0, GNSC 0, GEOSEP 0,

CCIS2WRE _____, CBNPR _____,

EAS _____, CMTYP _____, NPARINH _____,

PSUUI _____,

SCFN _____, OVLN _____, PRIT _____,

PBXAW _____, FAR4E _____,

DDD _____, IDDD _____, FOSPS _____,

SKSP _____, PBXNWW _____, HYBRD _____,

FLDSPR _____,

FIG. 1 - Sample of Partially Completed RC Worksheet Form 101 - 4E20 Generic Program

COMPLETE RC WORKSHEET TO ESTABLISH 1WI CCS TSG

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1. Obtain blank RC Worksheet Form 102
2. On RC Worksheet Form 102 [FIG. 1, Page 2]:
 - 2.1 Following RC:TSG;NEW;OPT(OUT1WAY), enter *ACT*
 - 2.2 Following ORNU, enter assigned ORNU
 - 2.3 Following TSG, enter CIN of CCS TSG
 - 2.4 Following FENCLASS, FENID, QTFN, TOT, SAT, DOM, FENPA, BN, and BRL, enter data from displayed MF TSG characteristics
 - 2.5 Following DPSTOP, DELAY, MFSPEED, OTSTN and OTMTN, leave entries blank
 - 2.6 Following OSC, enter *DOMCCIS*
 - 2.7 Following RFMP, NEOTR, OTSTT and OTMTT, enter *N*
3. Continuing on RC Worksheet Form 102, from Trunk Operation Center (TOC) or equivalent source, determine and enter on RC Worksheet:
 - 3.1 Following CCIS2WRE, far-end office is 1/1A ESS switch CCS two-wire office, enter *Y* or *N*
 - 3.2 Determine control area (CAREA) and control position (CPOS) and enter following CAREA and CPOS
 - 3.3 Following XTSTT and XTSTN, enter transmission through switch test type (XTSTT) and transmission through switch test number (XTSTN)
 - 3.4 Following XTMTT and XTMTN, enter transmission terminating test type (XTMTT) and transmission terminating test number (XTMTN)
4. Continuing on RC Worksheet Form 102:
 - 4.1 Following XCPA, enter CCIS transceiver pad adjustment code [DLP-571]
 - 4.2 Following REMARKS, enter *CON* followed by applicable CON number

End of procedure

FORM 102 TG-4
4E20

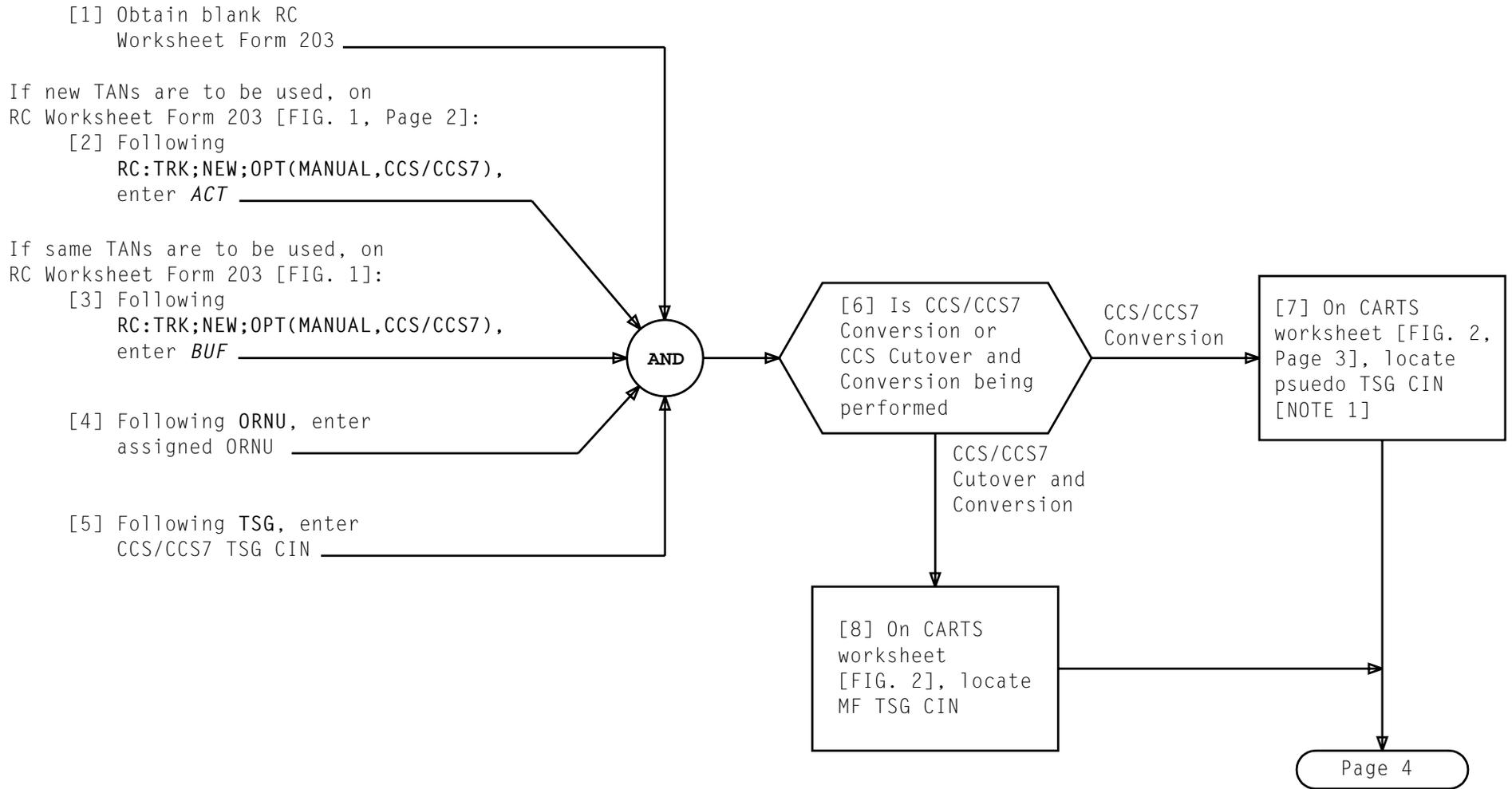
ESTABLISH A NEW ONE-WAY OUTGOING TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;NEW;OPT(OUT1WAY), A C T:
ORNU 3 1 9 5 0 8, TSG 1 S T L S M O 0 9 M F T 0 4 T,
PCF _____, AOPC _____, DPC _____,
FENCLASS _____, FENID _____, TFG __, TSGBBC __,
FEAREA _____, FESWID _____, EXSEQ __, FEPTY __,
QTFN 9 6, TOT I T O L L, SAT N, DOM P O T S, ACD __,
FENPA 3 1 4, FEOFC _____, FELATA _____, IWZ1 __,
MEM __, PSES N,
OSC D O M C C I S, RFMP N, DPSTOP __, DELAY _____, MFSPEED _____,
XCPA __, DNP __, PSOLI __,
BN _____, BRL __, GSDN __,
PSBN _____, PSCPN __, ANISID _____, WANISID _____, PSUUI __,
BNPT _____, CMERGE __, SCFN __, PRIT _____,
APS __, CHNEG __, PSATP __, DOFP __, SBRIV __,
FOSPS __, CCIF __,
ONCID __, D3DBN __, MULAW __, CSCSET _____, CID _____,
ANCR __, ACCID _____, ACCDTA _____, PSTNG __,
CAREA 1, CPOS 0, SINDEX _____, CODSC __, NEOTR N, TRIDX _____,
OTSTT _____, OTSTN _____, OTSTT _____, OTSTN _____,
XTSTT _____, XTSTN _____, XTSTT _____, XTSTN _____,
S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __,
REMARKS C O N 8 9 2 _____!

FIG. 1 - Sample of Partially Completed RC Worksheet Form 102 - 4E20 Generic Program

COMPLETE RC WORKSHEET TO ESTABLISH 1WO CCS TSG

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NOTE 1
Psuedo TSG CIN will still appear as MF TSG CIN on the CARTS worksheet

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FORM 203 TG-4

ADD NEW CCS TRUNKS, ASSIGN TANs MANUALLY
4ESS SWITCH

RC:TRK;NEW;OPT(MANUAL,CCS), A C T:

ORNU 3 1 9 5 2 0 BTFN TOWN ST BL FBS NBS

ES N TSG 1 S T L S M O 0 9 1 4 T 0 4 T

PTERM 0

STERM 1

QTRK	FTFN	TAN	TSI	SPC	LVL	FTS	FBAND	LABEL	FMEMN	FCIC	VCR	BBC	SCGA
<u>1 6</u>	<u> 1 </u>	<u>0 1</u>	<u> 1 </u>	<u> 6 </u>	<u>0 0 1</u>	<u>0 0 1</u>	<u> 0 </u>						
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---

REMARKS C O N 8 9 8 !

-----!

ECHO SUPPRESSOR MODE
(HALF, FULL, N [NO
ASSIGNMENT])

CIN OF CCS TSG

CCS/CCS7 PRIMARY
TERMINAL ASSIGNMENT
(NUMBERS 0 THRU 255)

CCS/CCS7 SECONDARY
TERMINAL ASSIGNMENT
(NUMBERS 0 THRU 255)

TAN AND LABEL ASSIGNMENT
FOR TFN 1

FIG. 1 - Sample of Partially Completed RC Worksheet Form 203

ECHO SUPPRESSION MODE
 H-HALF DUPLEX
 F-FULL DUPLEX

TERM EQPT.		NEAR END OFFICE				VIFI	VIU	EST	ESU	ESU	4ESS SWITCH TRUNK ASSIGNMENT WORKSHEET											
TYPE	LOCATION	TOC	TOWN	ST	BLDG	BLD	DIV	NO.	EQPD	FR	NO.	EQPD										
A6	1740.05	0201L	KSCY	MO	09			01	006	2	P											

TRAF NO.	CIN		UTE		GROUP DISTG FR				FACILITY	GROUP DISTG FR				CCIS		STATUS	
	TOWN	ST	FR	SWITCH SIDE	TAN	S	SHF	ROW		PG	S	SHF	ROW	PG	T E R M		L A B E L
1	STLS	MO 09	147	001	33	01	03	D	13	1151.13	01	1	6	001	1A-STLS MO	0	001-00
2				002	33	01	03	D	13	1151.13	01	1	6	002		0	001-01
3				003	33	01	03	D	13	1151.13	01	1	6	003		0	001-02
11				011	33	01	03	D	13	1151.13	01	1	6	011		0	001-10
12				012	33	01	03	D	13	1151.13	01	1	6	012		0	001-11
13	STLS	MO 09	147	012	34	01	03	D	14	1151.13	01	1	6	012	7A-STLS MO	0	001-12
14				014	34	01	03	D		1151.13	01	1	6	014		0	001-13
22				022	34	01	03	D	14	1151.13	01	1	6	022		0	002-05
23				023	34	01	03	D	14	1151.13	01	1	6	023		0	002-06
24				024	34	01	03	D	14	1151.13	01	1	6	024		0	002-07

TSG CIN

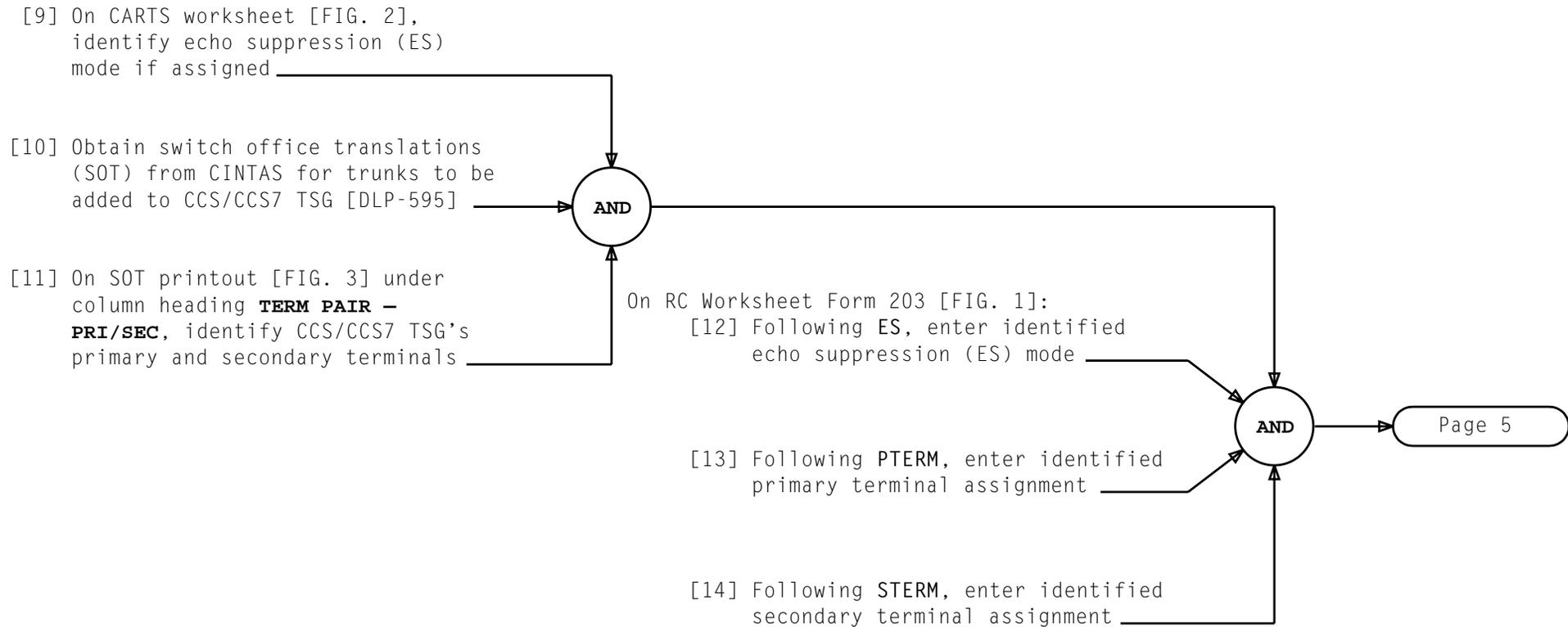
PRIMARY TERMINAL (PTERM) ASSIGNMENT

CCS/CCS7 LABEL ASSIGNMENTS (INCLUDE BAND NO. AND MEMN)

FIG. 2 - Sample of CARTS Worksheet

COMPLETE RC WORKSHEETS TO ADD TRUNKS TO CCS/CCS7 TSG

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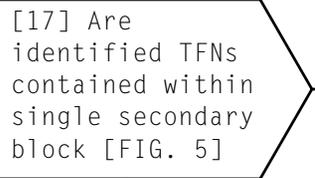
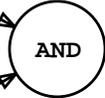
SWITCH OFFICE TRANSLATIONS							
OFFICE: MDSNWIO241T							
TRUNK ID: 1H33IT CHCGILCG58T CC MDSNWIO231T							
CCS/CCS7 SECONDARY TERMINAL	TERM PAIR		BAND	MEMBER	TRB	STATUS	DATE
CCS/CCS7 PRIMARY TERMINAL	PRI/SEC						
	00/01		088	00-15	1	IS	04-11-86
	TRUNK NO						
	1 -16						

FIG. 3 - Sample Printout of Switch Office Translations (SOT)

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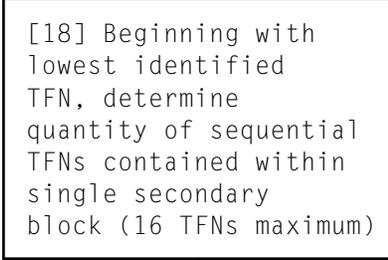
[15] See NOTE 2. From display of MF or pseudo TSG characteristics [FIG. 4, Page 6], identify TFNs to be added to CCS/CCS7 TSG (not to exceed 24)

[16] On scratch pad list [FIG. 5, Page 7] locate identify TFNs



Yes

No



On Form 203 [FIG. 1]:

[19] Under QTRK, enter quantity of TFNs contained within single secondary block

[20] Under FTFN, enter lowest identified TFN

[21] From scratch pad list [FIG. 5], identify TAN and LABEL assignments for lowest identified TFN



On Form 203 [FIG. 1]:

[22] Under TAN, enter identified TAN assignment

[23] Under LABEL, enter identified LABEL assignments

[24] Following REMARKS, enter CON followed by applicable CON number

NOTE 2
 If CCS/CCS7 conversion is being performed, trunks will reside in pseudo TSG. If CCS/CCS7 cutover and conversion are being performed, trunks will reside in MF TSG

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M 07 VER:TSG;OPT(TWOWAY):

BTFN TOWN ST BL FBS NBS

PSEUDO

TSG 1 S T L S M O 0 9 M F T 0 4 T,
DPC _____

PCF _____, AOPC _____,

FENCLASS _____, FENID _____, TFG __, TSGBBC __, VDCAP _____, DATAF __,
FEAREA _____, FESWID _____, EXSEQ __, FEPTY __,
QTFN 1008, TOT I T O L L, SAT N, DOM P O T S, ACD __, IT __,
FENPA 314, FEOFC __, FELATA __ 0, FESC6 Y, IWZ1 N, LSST __,
MEM __, PSES N, INSEP 10, MTSC __ 0, GNSC 0, GEOSEP __ 0,

ISC __ M F D D S D, RFA Y, ADIG N, CID _____, CCIS2WRE N, CBNPR _____,
OSC __ M F D D S D, RFMP N, DPSTOP N, DELAY __ 20, MFSPEED __ Z, DNHR __,
XCPA __, DNP __, REV N, GLARE N, PSOLI __,

BN _____, BRL __, ITC __, GSDN __, GSDNPHSE __, EAS __, NPARINH __,
WATSBN _____, PSBN __, PSCPN __, ANISID _____, WANISID _____, PSUUI __,
BNPT __, WBNPT __, CMERGE __, SCFN __, OVLN __, PRIT __,
APS __, CHNEG __, PSATP __, PBXESGD __, PBXAW __, FAR4E __, DOFP __, SBRIV __,
MEGC __, SDNA __, OWAT __, DATA __, CBC __, DDD __, IDDD __, FOSPS __, CCIF __,
SDNPLAN _____, BFTIS __, BFTNI __, SKSP __, PBXNWW __, HYBRD __,
INCID __, ITELCO __, S5DIG __,

ONCID __, D3DBN __, MULAW __, CSCSET _____, CID _____,
ANCR __, ACCID __, ACCDTA __, PSTNG __, FLDSPR __,
CAREA 2, CPOS 0, SINDEXT __, CODSC __, NEOTR N, TRIDX __,
OTSTT I 1 0 3, OTSTN _____ 103, OTMTT __ N, OTMTN _____,
XTSTT I 1 0 5, XTSTN _____ 105, XTMTT __ N, XTMTN _____,

S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __,

07/24/90 17:44:27

#963

M 07 VER:TSG;OPT(TRUNKS):

D102 N,

TAN

QTRK	FTFN	TSI	SPC	LVL	FTS	FCHAN	STATUS
36,	13	1,	1,	6,	13,	0,	ASN,
48,	49,	2,	2,	6,	1,	0,	ASN,
12,	201,	3,	1,	6,	49,	0,	ASN,
12,	213,	4,	2,	6,	49,	0,	ASN,

07/24/90 17:44:42

#966

FIRST TRAFFIC NUMBER (FTFN) FOR EACH TAN ASSIGNMENT

TRUNKS TO BE ADDED TO CCS/CCS7 TSG

FIG. 4 - Sample CRT Display of Pseudo TSG Characteristics

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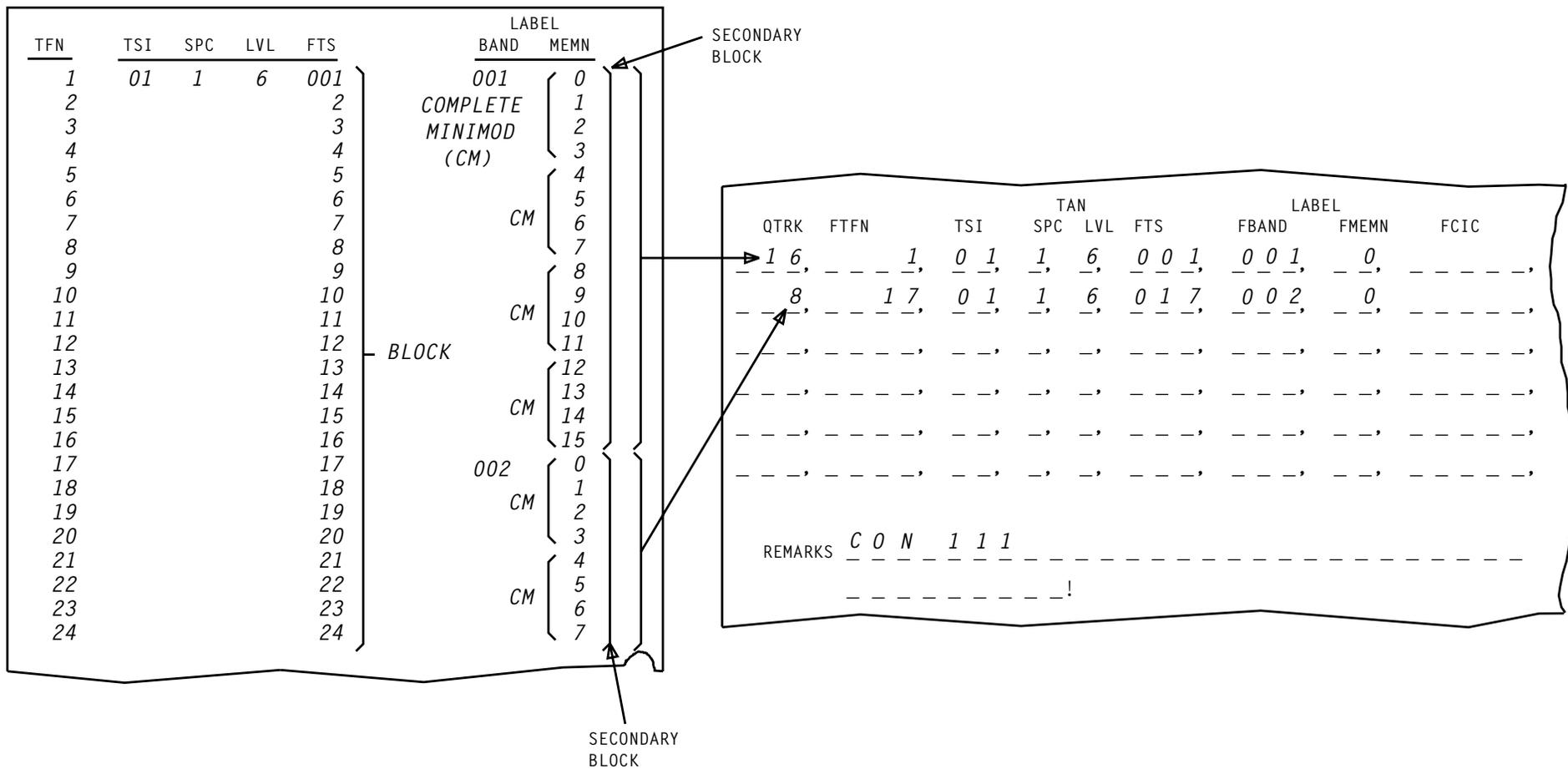
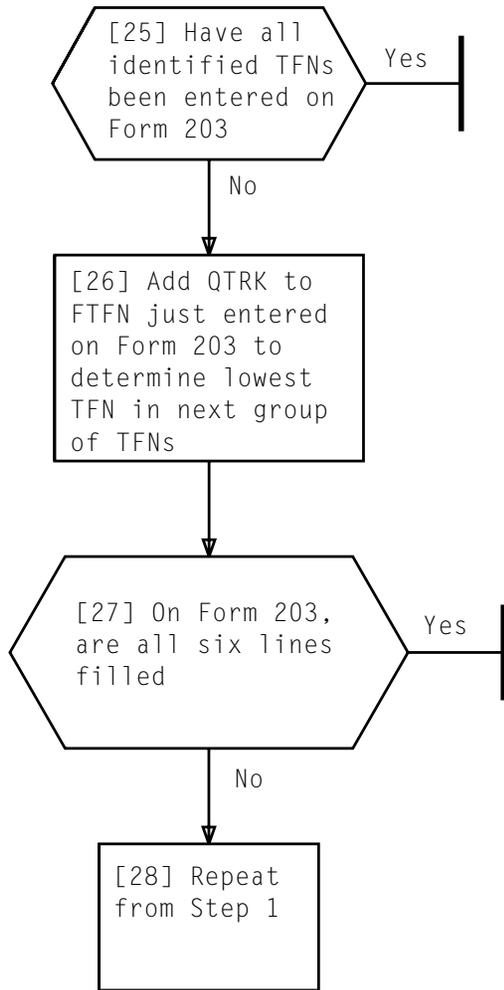
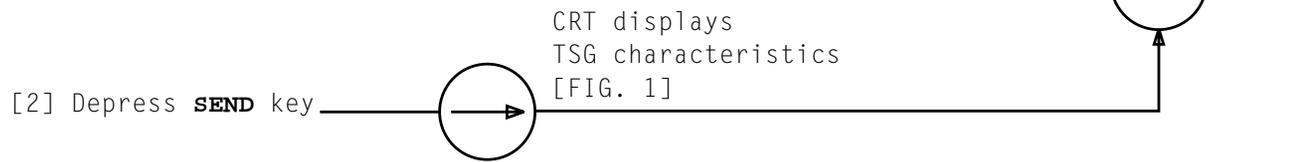


FIG. 5 - Sample Scratch-Pad List and Associated RC Worksheet Form 203 Entries



[1] At RCDT, enter VER:TSG:CIN a!
(a = identified TSG CIN)



OBTAIN DISPLAY OF TSG CHARACTERISTICS

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```

M 07 VER:TSG;OPT(TWOWAY):
                                BTFN   TOWN   ST   BL   FBS   NBS
                                TSG   1 S T L S M O 0 9 1 4 T 0 4 T
                                DPC   -----
PCF  _____,   AOPC  _____,
FENCLASS _____, FENID _____,   TFG  __,   TSGBBC __, VDCAP _____, DATAF __,
FEAREA  _____, FESWID _____,   EXSEQ __, FEPTY __,
QTFN 1 0 0 8,   TOT I T 0 L L, SAT N,   DOM P 0 T S, ACD __, IT __,
FENPA 3 1 4,   FEOFC  _____, FELATA __ 0,   FESC6 Y, IWZ1 N, LSST _____,
MEM  __,   PSES N,   INSEP 1 0,   MTSC  __ 0, GNSC 0, GEOSEP __ 0,
ISC  __ M F D D S D, RFA Y,   ADIG N,   CID  _____, CCIS2WRE N, CBNPR _____,
OSC  __ M F D D S D, RFMP N,   DPSTOP N,   DELAY  __ 2 0, MFSPEED __ Z, DNHR __,
XCPA  __,   DNP  __,   GSDNPHSE __,   EAS  __,   NPARINH __,
BN  _____, BRL  __,   ITC  __, GSDN __,   ANISID _____, WANISID _____, PSUUI __,
WATSBN _____, PSBN  _____, PSCP  _____,   SCFN  __, OVLP  __, PRIT  __,
BNPT  _____, WBNPT _____, CMERGE __,   PBXAW __, FAR4E __, DOFP __, SBRIV __,
APS  __,   CHNEG __, PSATP __, PBXESGD __,   DDD  __, IDDD __, FOSPS __, CCIF __,
MEGC  __,   SDNA  __, OWAT  __, DATA __, CBC  __,   SKSP  __, PBXNWW __, HYBRD __,
SDNPLAN _____, BFTIS __, BFTNI __,   INCID __, ITELCO __, S5DIG __,
ONCID __, D3DBN __, MULAW __, CSCSET _____,   CID  _____,
ANCR  __, ACCID __, ACCDTA __, PSTNG __,   FLDSPR __,
CAREA 2,   CPOS 0,   SINDEX _____,   CODSC __,   NEOTR N,   TRIDX _____,
OTSTT I 1 0 3, OTSTN _____ 1 0 3,   OTMTT _____ N, OTMTN _____,
XTSTT I 1 0 5, XTSTN _____ 1 0 5,   XTMTT _____ N, XTMTN _____,
S1  __, S2  __, S3  __, S4  __, S5  __, S6  __, S7  __, S8  __, S9  __, S10 __,
07/24/90 17:44:27
#963
M 07 VER:TSG;OPT(TRUNKS):

```

IDENTIFIED
TSG CIN

FIG. 1 - Sample CRT Display of TSG Characteristics

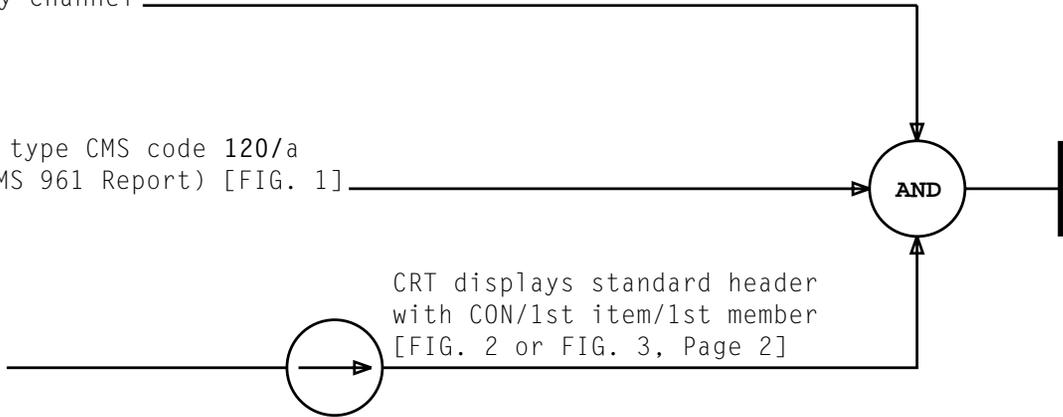
OBTAIN DISPLAY OF TSG CHARACTERISTICS

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[1] If current CMS 961 Report is not at hand to refer to, request CMS center to send current CMS 961 Report to MAC receive only channel

[2] At CMS channel, type CMS code 120/a
(a = CON from CMS 961 Report) [FIG. 1]

[3] Depress **S/R** key



CRT displays standard header with CON/1st item/1st member [FIG. 2 or FIG. 3, Page 2]

DATE - 08/30	TIME - 16:10	PAGE 01		
REPORT 961	CIRCUIT ORDER REPORT			
EARLIEST ITEM DUE DATE	CON ORDER NUMBER	CIN	# OF ITEMS	STATUS MAC/TEC/TOC
TRUNK GROUP 12/15/86	STLSM00914T04T 301 P47CCF	1STLSM00914T04T	24	RC/PND/PND
TRUNK GROUP 01/12/87	CHCGILCL04T57T 473 126-9003A	1CHCGILCL04T04T	12	PND/PND/PND
TRUNK GROUP 01/21/87	STLSM00914T04T 331 P47CCH	301STLSM00914T04T	12	PND/PND/PND

CON

STATUS FIELD SPECIFIES WORK TO BE DONE

FIG. 1 - Sample Printout of CMS 961 Report

ACTIVATE CON IN CMS

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NONMODULAR

MESSAGES:
 CON/ITEM/MEMBER: 301/01 ..) 1STLSM00914T04T/C STATUS: RC/PND/PND

FIG. 2 - Sample CRT Header Display - First Item Activated (Nonmodular)

FIRST MEMBER
OF ACTIVATED
ITEM

INDICATION OF
MODULAR GROUP

MESSAGES:
 CON/ITEM/MEMBER: 381/01 /01)M 25MIAMFLTL02TT57T/C STATUS: RC/PND/PND

FIG. 3 - Sample CRT Header Display - First Item and First Member Activated (Modular)

[1] At CMS channel, type CMS code 250/a [a = number of items (##OF ITEMS) for activated CON from CMS 961 Report] [FIG. 1]

[2] Depress **S/R** key

[3] Using first traffic number from CIN on CMS 961 Report [FIG. 1] and traffic number from last CIN on CMS 250 display [FIG. 2 or 3], determine range of traffic numbers [NOTE 1]

CRT displays CMS Form 250 page containing last item number [FIG. 2 or 3, Page 2]

AND

[4] Record range of traffic numbers [FIG. 2 or 3] and retain for later use

DATE - 08/30	TIME - 16:10	PAGE 01	
REPORT 961	CIRCUIT ORDER REPORT		
EARLIEST ITEM DUE DATE	CON ORDER NUMBER	CIN	# OF ITEMS
TRUNK GROUP 12/15/86	STLSM00914T04T 301 P47CCF	1STLSM00914T04T	10
			STATUS MAC/TEC/TOC RC/PND/PND

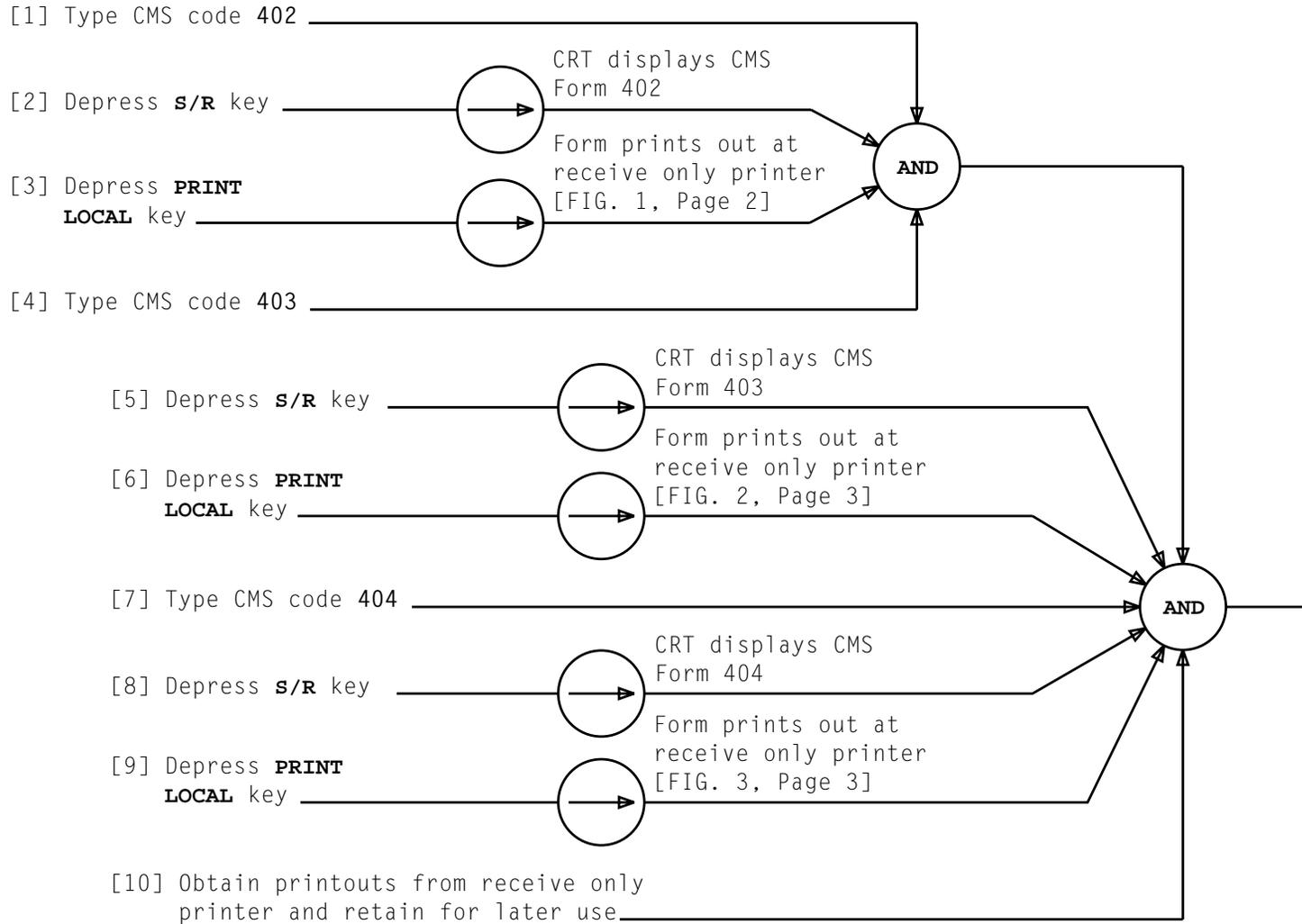
FIG. 1 - Sample Printout of CMS 961 Report (Partial)

NOTE 1
When circuit order item numbers are identified as modular entries (message header contains an M), add 11 to traffic number on last CIN to obtain last traffic number

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IDENTIFY RANGE OF TRAFFIC NUMBERS ASSOCIATED WITH ACTIVATED CON

At CMS channel:



OBTAIN PRINTOUTS OF CMS 402, 403, AND 404 DISPLAYS

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```

MESSAGES:
CON/ITEM/MEMBER: 055/01 /01)M 37WASHDCSW06T08TC      STATUS: CPD/PND/PND
                                                MAC 00/CKT/DET

40/2  EQUIPMENT DATA

      CLCID:  37 IH33IT      NYCQNYRP08T CC WASHDCSW06T/C
420 TRK ORDER CODE: 0205 L01
      TAN: 0213061
      OTAN: 012675
421 ECHO SUP/CANC:F

      FRAME  MEMBER  LOCATION  UNIT  CKT OR CHAN  EQP
      SP      00      02049.01
422
      VIF     005     02050.01  3      061          P
      DF     0024    02027.01      037          P

423 GDF              01112.01              DROP  LINE

      FACILITY  4 A      0112 NYCQNYRP08TWASHDCSW06T

```

FIG. 1 - Sample Printout of CMS 402 Display

OBTAIN PRINTOUTS OF CMS 402, 403, AND 404 DISPLAYS

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```

MESSAGES:
CON/ITEM/MEMBER: 060/01 ..) 3000LWSNMOXA29604T/C STATUS: PND/PND/PND
MAC 05/CKT/DET

403 TEST DATA
CLCID: 3000 UH24IT KSCYM00904T -D LWSNMOXA296
410 EML DEV 1000 HZ LTF: 400 HZ UTF: 2800 HZ ICL
A: 6.0 .5 6.1 6.4 6.4 3.0
Z: .5 5.8 5.8 7.5 3.0
411 NOISE MEAS SP MEAS ERL MEAS SWSYS SWA
A: 23C30 14 27 41 4ES TP3
Z: 23C30 12 16 SXS TP0
CAROT TESTABLE? CAROT TEST PASSED?
412
413
414
415
416
417
418
419

```

FIG. 2 - Sample Printout of CMS 403 Display

```

MESSAGES:
CON/ITEM/MEMBER: 060/01 ..) 3000LWSNMOA29604T/C STATUS: RC/PND/PND
MAC 05/CKT/DET

404 TRANSLATION DATA
CIRCUIT -----
430 CLCID: 3000DF45CA KSCYM00904T MM LWSNMOA296
CIN : 3000LWSNMOA29604T
ALTERNATE NAME:
CONTROL: /C CO RESP- TOC/TEC:22/50
OWNERSHIP: SW MTC RESP- TOC/TEC:22/50
ORIGINAL CLCID: (ONLY APPLIES TO NAME CHANGE)
431 TAN: 0213116 CCIS TERMINAL: / BAND: LABEL:
OTAN: 012764
432 ABBREVIATED ORDER CODE: FE CHANNEL BANK:
-----
FACILITY -----
433 OUTGOING FAX: 103 ONB 1 KSCYM009FC2 LWSNMOAF51
TERMINATING FRAME LOC:
-----
CIRCUIT ORDER -----
434 WORK DATE: / / TEST DATE: / / DUE DATE: 07/03/86
435 CAROT TESTABLE? N CAROT TESTS PASSED ?
RMS-D2 TESTABLE? N RMS-D2 TEST PASSED ?

```

FIG. 3 - Sample Printout of CMS 404 Display

OBTAIN PRINTOUTS OF CMS 402, 403, AND 404 DISPLAYS

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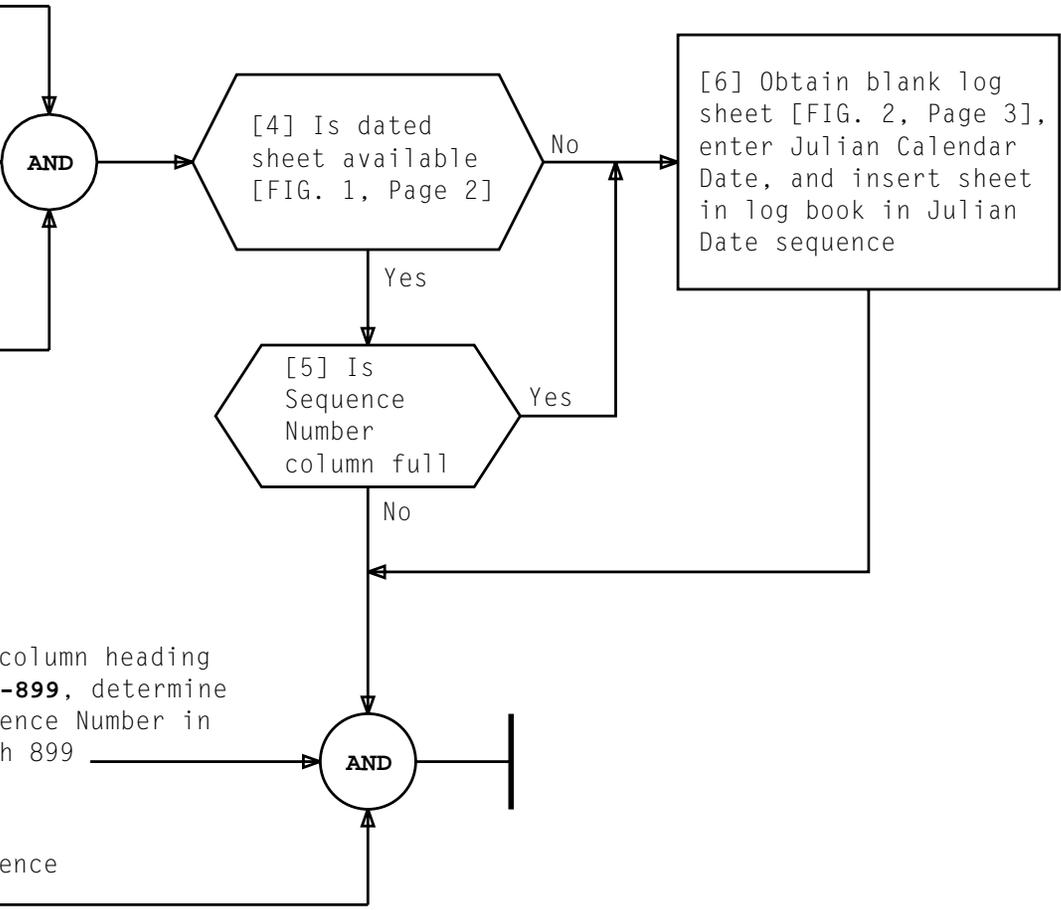
[1] For selected CON, convert earliest item due date to Julian Date [NOTE 1]

[2] Obtain **4ESS SWITCH RECENT CHANGE LOG BOOK**

[3] Determine if log book contains log sheet for Julian Date determined in Step 1 [NOTE 2]

[7] On log sheet under column heading **SEQUENCE NUMBER 500-899**, determine next available Sequence Number in range of 500 through 899

[8] Record 3-digit Sequence Number [NOTE 3]



[6] Obtain blank log sheet [FIG. 2, Page 3], enter Julian Calendar Date, and insert sheet in log book in Julian Date sequence

NOTES

1. Julian Calendar Date = cumulative number of days in year to and including today's date. Julian Date can be located on many desk calendars, lower left corner of right-hand page.
2. Sheets are filed sequentially in log by Julian Calendar Date. Date is located at lower left corner of each page.
3. RC order number is made up of Julian Date and Sequence Number combined
Example:

158	502	
		Sequence Number
		Julian Date

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ASSIGN RECENT CHANGE ORDER NUMBER

4ESS SWITCH RECENT CHANGE LOG SHEET

SEQUENCE NUMBER 500-899	RCDM WORK SHEET	DESCRIPTION OF RECENT CHANGE ORDER	RCDM			REMARKS	VERIFY	
			BUF	TST	ACT		MAC	MOC
500								
501								

ORNU is equal to Julian Date plus Sequence Number (132,502)

JULIAN DATE 2 2 8

→ NEXT AVAILABLE NUMBER IS 502

→ JULIAN DATE EQUIVALENT TO 8/16/86

Sequence Number
Julian Date

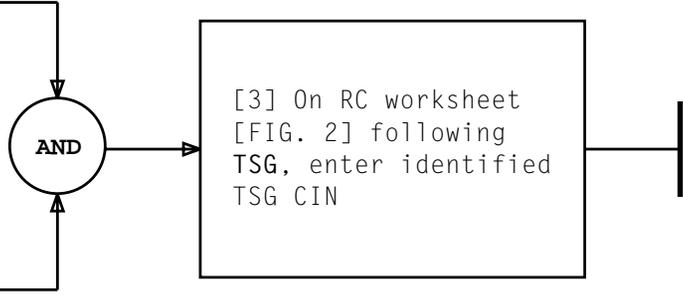
FIG. 1 - Sample of Dated 4ESS SWITCH RECENT CHANGE LOG SHEET (Partial)

ASSIGN RECENT CHANGE ORDER NUMBER

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[1] Obtain printout of CMS 404 display

[2] On printout of CMS 404 display [FIG. 1], identify far-end TSG CIN associated with activated CON



[3] On RC worksheet [FIG. 2] following TSG, enter identified TSG CIN

TSG CIN → 430 CLCID: 1 IH21IT KSCYM00904T CC STL00914T
CIN: 1KSCYM00904T

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

TSG ENTRY

TSG BTFN TOWN ST BL FBS NBS

FIG. 2 - Sample of RC Worksheet Forms 100, 101, 102, 103, 105, 106, or 204 (Partial)

ENTER TSG CIRCUIT IDENTIFICATION NAME (CIN)

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[1] On printout of CMS 404 display
 [FIG. 1] following CLCID:,
 identify traffic use code
 [NOTE 1]

[2] Identify TOT code
 associated with traffic
 use code per TABLE A

[3] On RC worksheet [FIG. 2]
 following TOT, enter
 identified TOT code



TABLE A	
TRAFFIC USE CODES	TOT CODE
	INTL
	INTLO
MT, LA	ITAND
IT	ITOLL
	NSDSD
LW, DA, TT, OA	SECIT
TG, TO	TAND
DD, OO, MN, RC, TC, TM, TS, DO, DT	TOLLC
AL, AN, CB, CD, CP, CS, CZ, DA, DS, EM, IN, IP, IR, MA, MB, NT, OF, PA, PC, PS, RR, RS, SA, SC, SO, TA, TI, TK, TP, VC, VR, VS, WE	MISC
MI	PBX

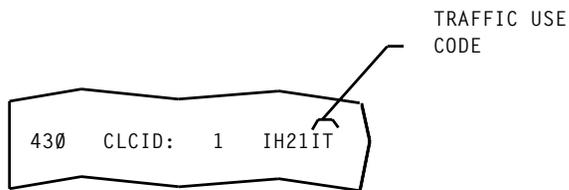


FIG. 1 - Sample Printout of
 CMS 404 Display (Partial)

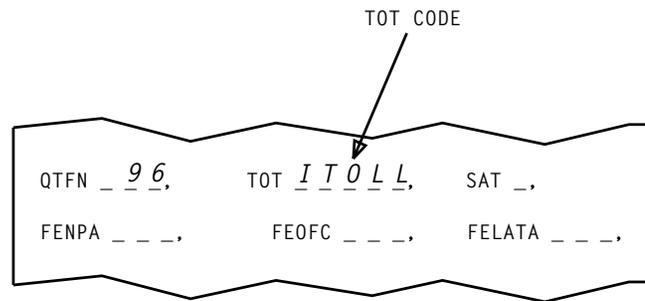


FIG. 2 - Sample of RC Worksheet
 Forms 100, 101, or 102 (Partial)

NOTE 1	
If traffic use code is not shown, it can be assumed the code is IT	
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ENTER TYPE OF TRUNK (TOT) CODE

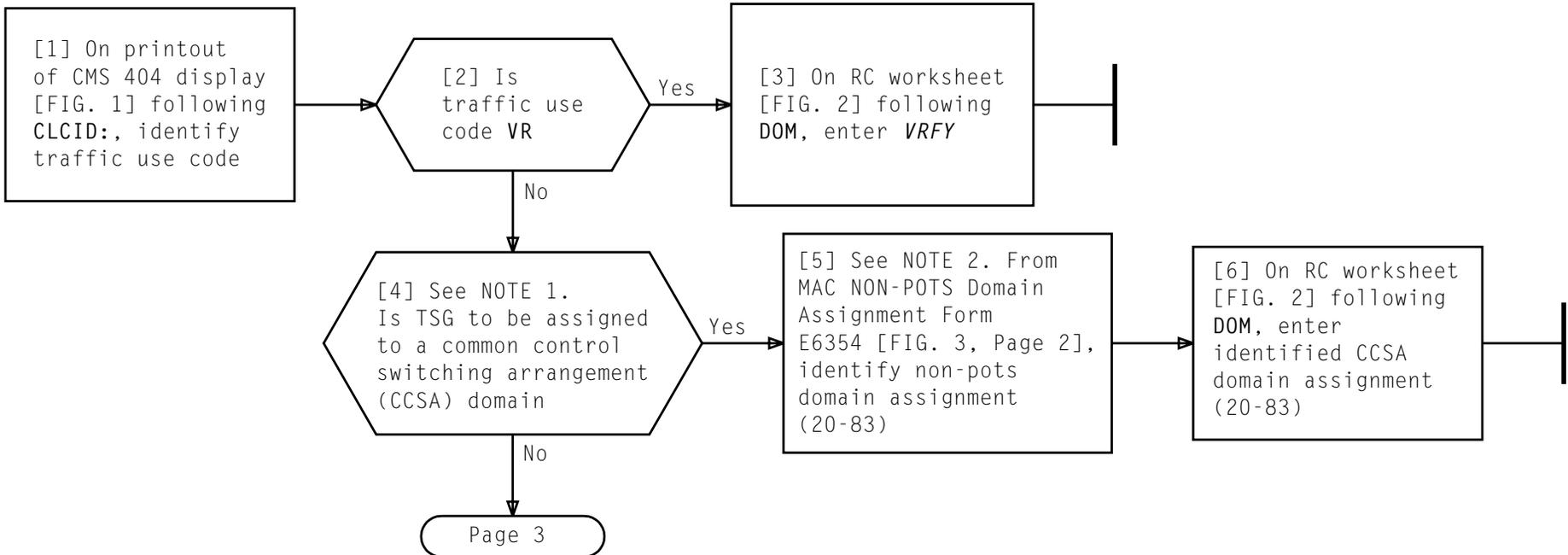
1. Obtain blank copy of RC Worksheet Form 104
2. Complete the following entries on RC Worksheet Form 104 to add TFNB to an existing TSG:
 - 2.1 On Form 104 [FIG. 1], following RC:TSG;CHG;OPT(ADDTFNB), enter *ACT*
 - 2.2 Following ORNU, enter assigned ORNU
 - 2.3 Following TSG, enter TSG CIN
 - 2.4 Following QTFN, enter *96*
 - 2.5 Following FTFN, enter lowest TFN in new block of TFNs to be assigned to TFNB
 - 2.6 Following REMARKS, enter *CON* followed by applicable CON number

End of procedure

# FORM 104 (03) TG-4	ADD A TRAFFIC NUMBER BLOCK TO AN EXISTING TRUNK SUBGROUP 4ESS SWITCH						
RC:TSG;CHG;OPT(ADDTFNB), <u>A C T</u> :	BTFN	TOWN	ST	BL	FBS	NBS	
ORNU <u>3 1 9 5 0 5</u> ,	TSG	<u>1</u>	<u>S T L S</u>	<u>M 0</u>	<u>0 9</u>	<u>M F T</u>	<u>0 4 T</u> ,
QTFN <u>0 9 6</u> ,	FTFN	<u>7 0 0 1</u> ,					
REMARKS <u>C O N 8 7 6</u>	-----						
	-----!						

FIG. 1 - Sample of Completed RC Worksheet Form 104

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TRAFFIC USE CODE

430/ CLCID: 1 IH211T

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

VALID ENTRY:
POTS, 20 THRU 83, SDNA,
DEV, DED OR VRFY

B T F N T O W N S T B L F B S N B S
TSG _ _ _ 1 S T L S M O 0 9 1 4 T 0 4 T,
TFG _ , T S G B B C _ , V D C A P _ _ , D A T A F _ ,
D O M _ _ _ _ , A C D _ , I T _ ,

FIG. 2 - Sample of RC Worksheet (Partial)

NOTES

1. Common control switching arrangement (CCSA) domains are assigned by the MAC Supervisor
2. DOM equals 82 is not valid for one-way trunks

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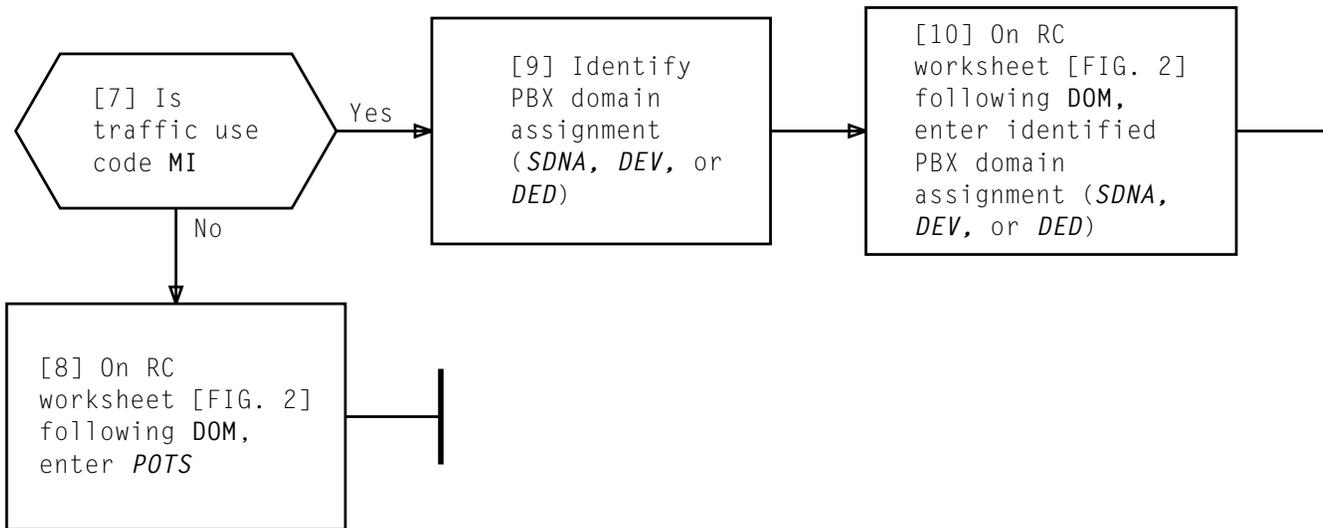
ENTER DOMAIN (DOM) CODE

DOMAIN	ASSIGNMENT	DOMAIN	ASSIGNMENT
20	1 HIMNTNM A51T	36	
21	12 FRHDNJFH01T	37	
22		38	
23		39	
24		40	
25		41	
26		42	

FIG. 3 - Sample NON-POTS Domain Assignment Form E6354 (Partial)

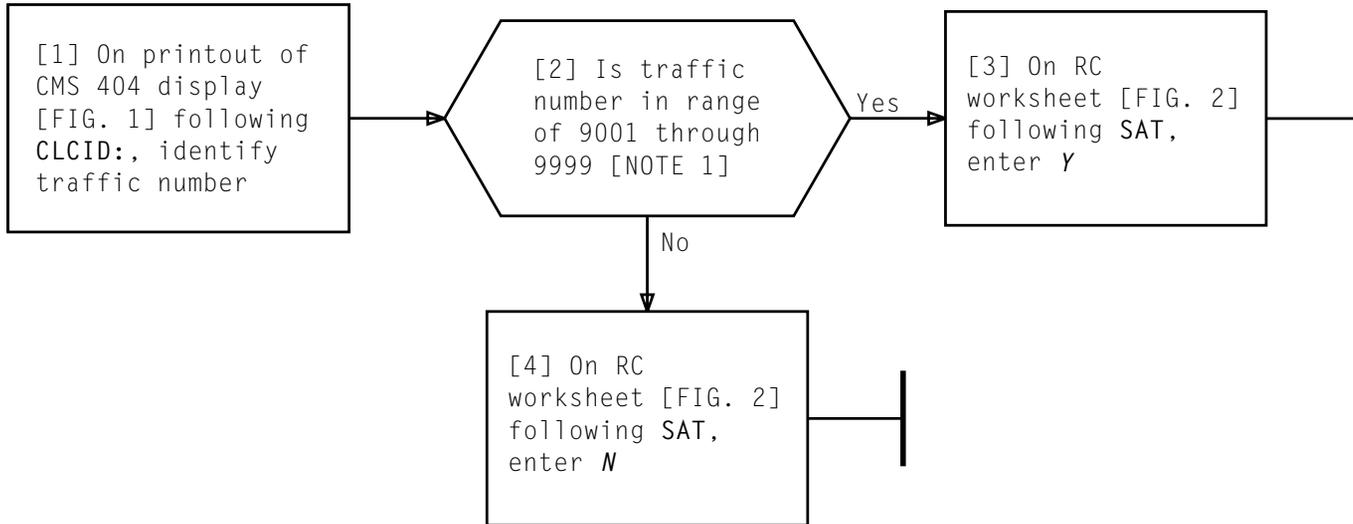
ENTER DOMAIN (DOM) CODE

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ENTER DOMAIN (DOM) CODE

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TRAFFIC NUMBER (RANGE 0 THROUGH 9999)

```

430 CLCID:  1 IH21IT      KSCYM00904T  CC  STLSM00914T
  
```

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

SAT
VALID ENTRY:
Y OR N

```

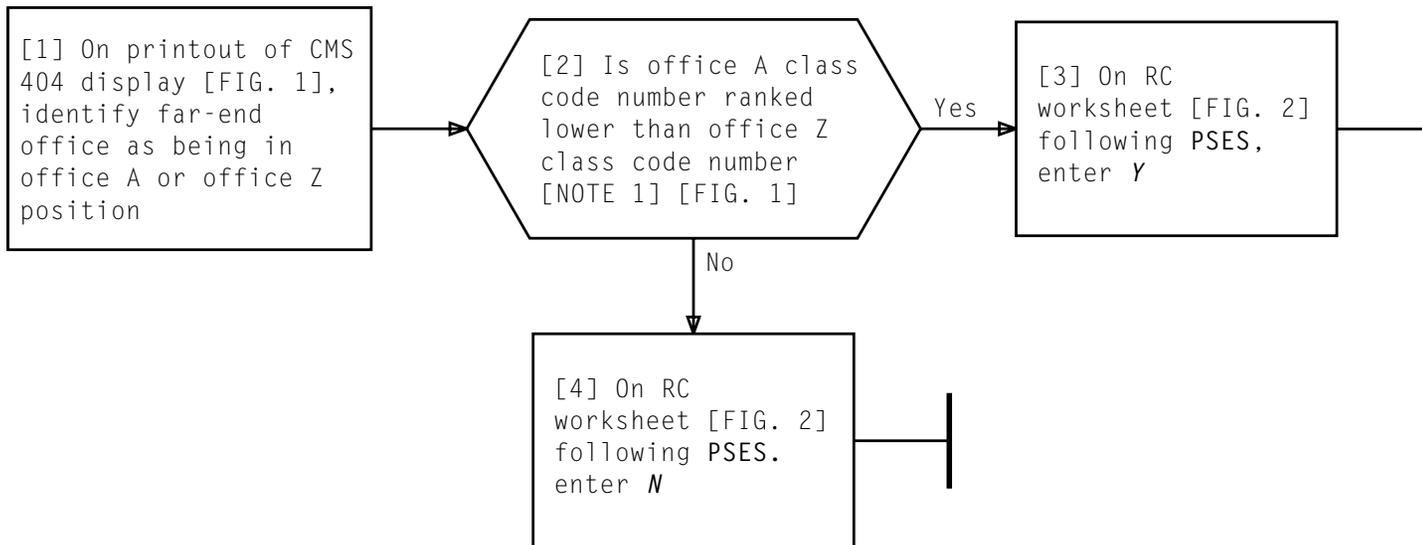
TOT _ _ _ _ ,  SAT _ ,
FE OFC _ _ _ ,  FELATA _ _ ,
PSES _ ,      INSEP _ _ _ ,
  
```

FIG. 2 - Sample of RC Worksheet
Forms 100, 101, or 102 (Partial)

NOTE 1
Per current intertoll trunk numbering plan, traffic numbers 9001 thru 9999 are to be assigned to satellite facilities only

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DETERMINE IF TSG IS ASSOCIATED WITH SATELLITE FACILITIES



OFFICE A CLASS CODE NUMBER
 OFFICE Z CLASS CODE NUMBER
 OFFICE A POSITION
 OFFICE Z POSITION

```

  430 CLCID:  1 IH21IT      KSCYM00904T  CC  STL5M00914T
  
```

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

PSES VALID ENTRY:
 Y OR N

```

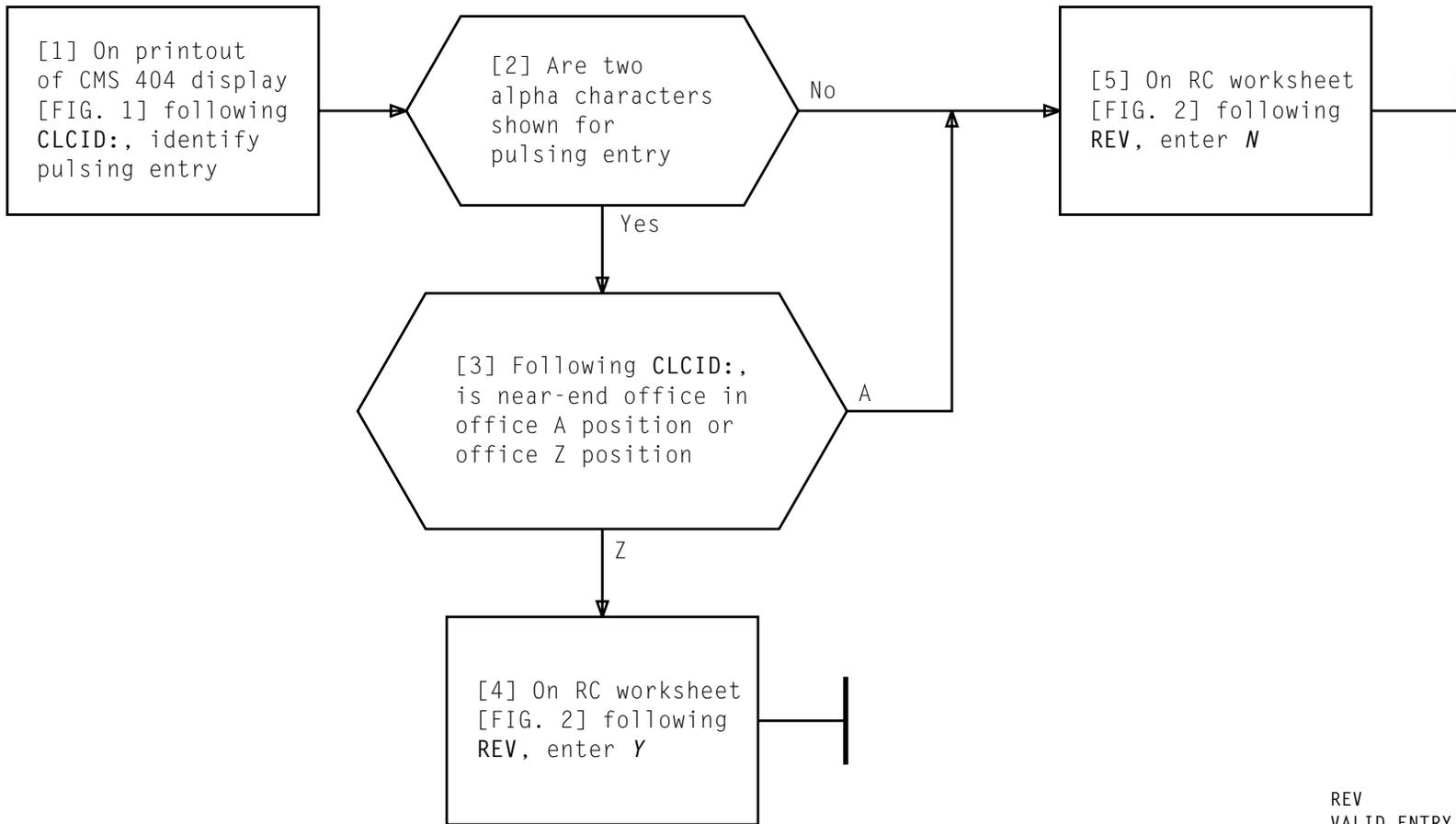
  TOT _ _ _ _ , SAT _ ,
  FE0FC _ _ _ , FELATA _ _ ,
  PSES _ , INSEP _ _ _ ,
  
```

FIG. 2 - Sample of RC Worksheet Forms 100, 101, or 102 (Partial)

NOTE 1
 If office class code is not shown, codes can be obtained from Distance Dialing Coordinating Handbook or other applicable source. Highest office class code = 1
 Lowest office class code = 5

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DETERMINE IF FAR-END OFFICE IS PSES



OFFICE A POSITION PULSING ENTRY OFFICE Z POSITION

```

430  CLCID:  1  IH21IT  /KSCYM00904T/  CC  /STLSM00914T/
  
```

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

REV
VALID ENTRY:
Y OR N

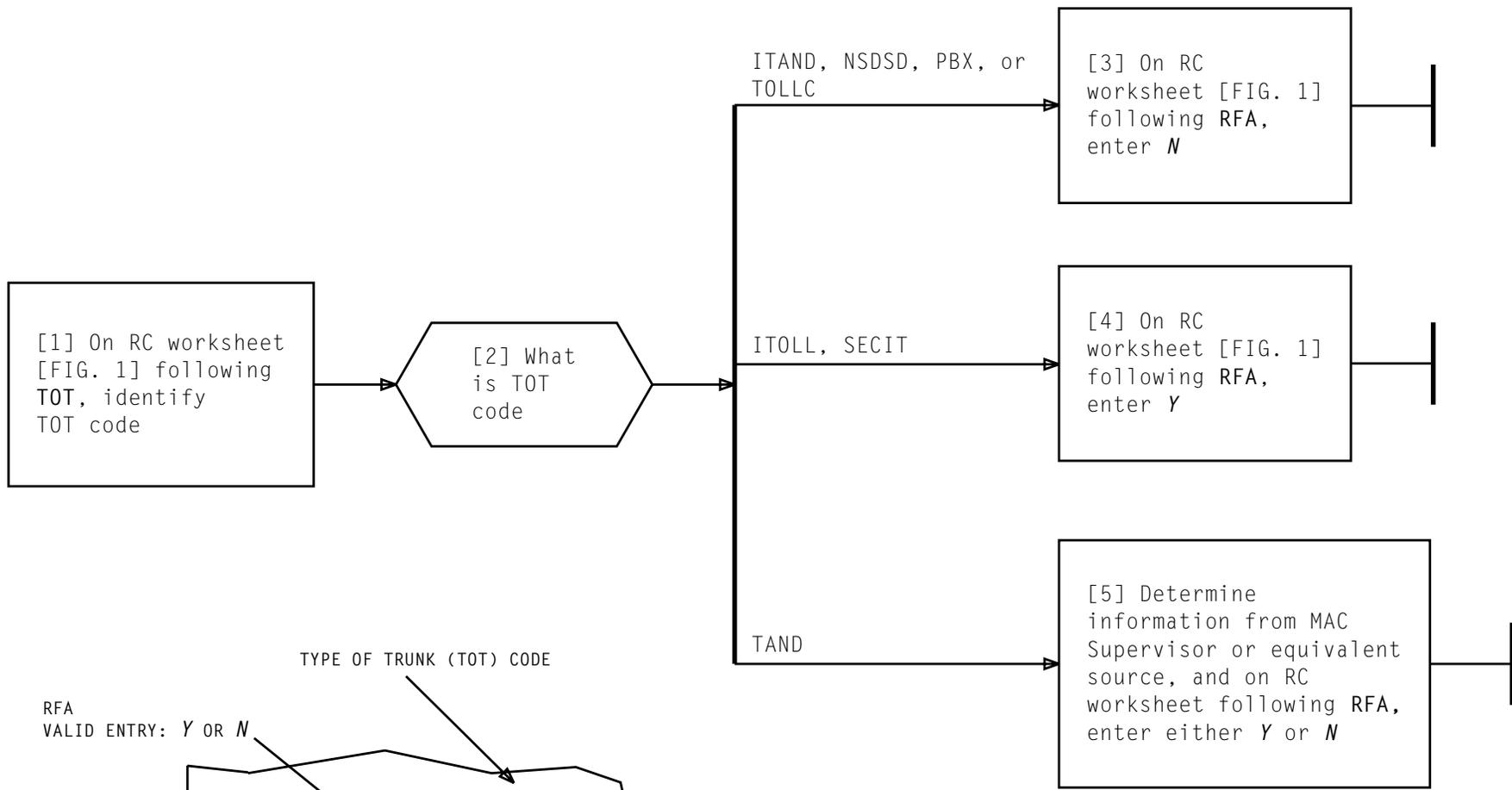
```

DELAY  _ 2 0_,  MFSPEED  _ 7_,
REV  _.,  GLARE  _.,
  
```

FIG. 2 - Sample of RC Worksheet Form 100 (Partial)

DETERMINE IF REVERSE (REV) HUNT IS REQUIRED

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TYPE OF TRUNK (TOT) CODE

RFA
VALID ENTRY: Y OR N

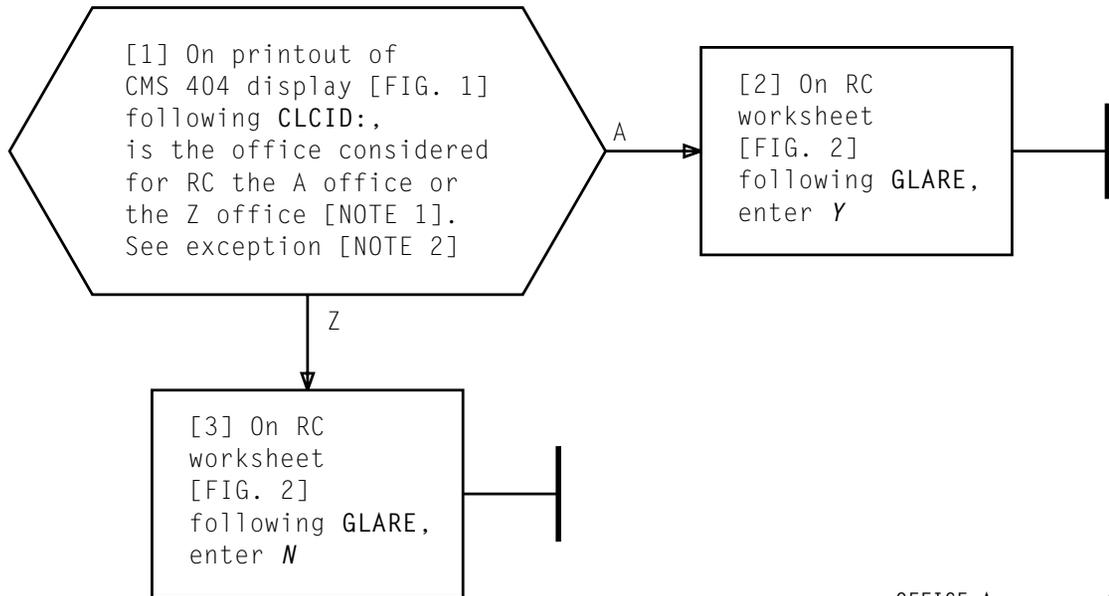
QTFN 96, TOT ITOLL,
 FENPA ---, FEOF ---,
 MEM ---, PSES N,
 ISC DOMCCIS, RFA ---

(IF TOT IS ITOLL, THEN RFA WOULD BE Y)

FIG. 1 - Sample of RC Worksheet Forms 100 or 101 (Partial)

DETERMINE IF RING FORWARD ALLOWED (RFA)

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```

    430 CLCID:  1  IH21IT  KSCYM00904T  CC  STLSM00914T
    ^                ^                ^
    OFFICE A        OFFICE Z
    POSITION          POSITION
  
```

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

```

    ISC _____,  RFA Y,    ADIG __,    CCIS2WRE __,  CBNPR _____,
    OSC _____,  RFMP N,    DPSTOP __,  DELAY _____,  MFSPEED _____,  DNHR __,
    XCPA __,        DNP __,    REV N,    GLARE Y,    PSOLI __,
  
```

GLARE
VALID ENTRY:
Y OR N

FIG. 2 - Sample of RC Worksheet Form 100 (Partial)

NOTES	
1.	Office having first alphanumeric CLLI Code is Office A
2.	If far-end office is <i>not</i> a 4E office (at near-end) would not try to seize circuit when glare condition occurs because 4E is faster and can back off faster. This saves possibility of losing calls
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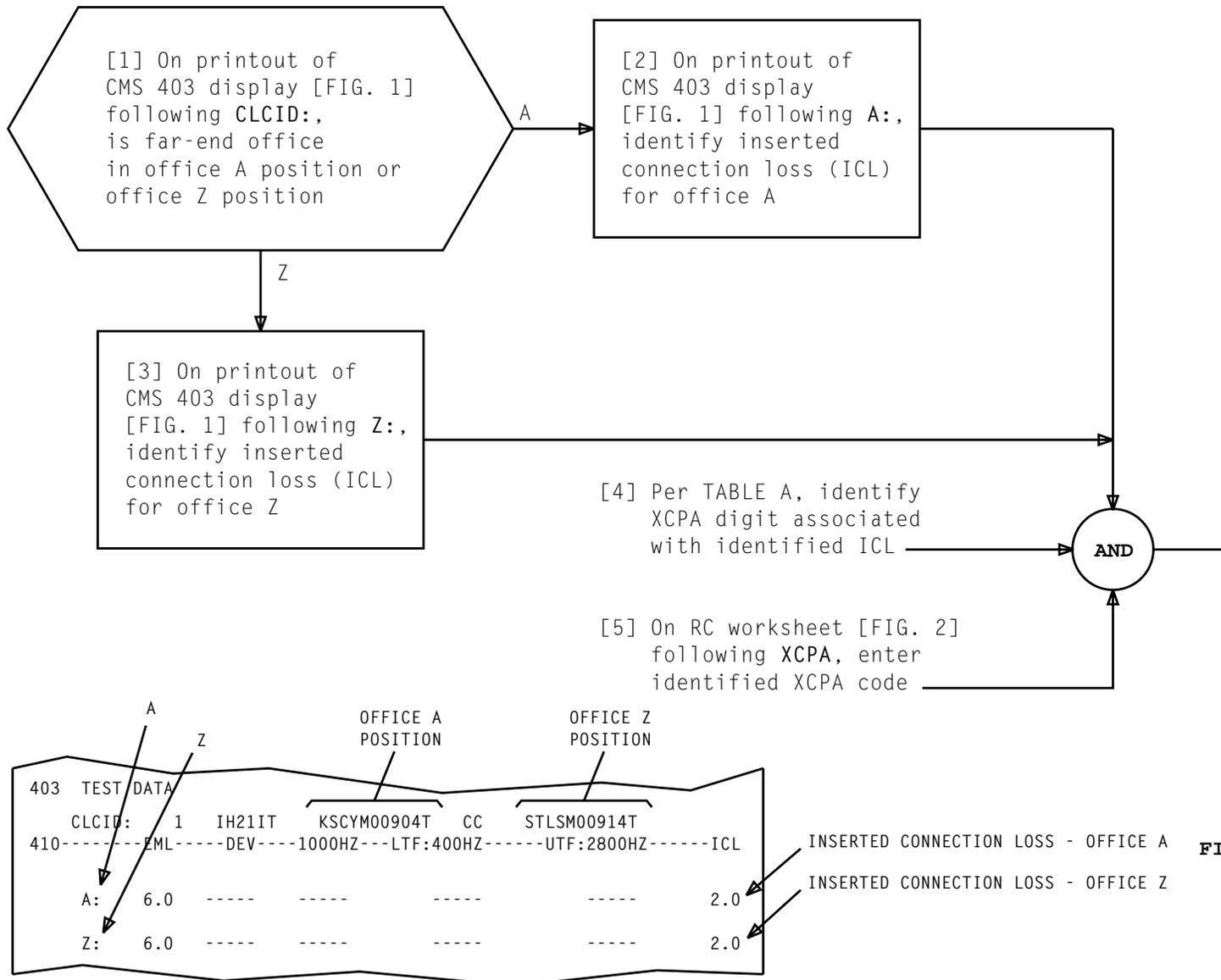


TABLE A	
ICL	XCPA DIGIT
0 Loss	0
.1 to .8 Loss	1
.9 to 1.7 Loss	2
1.8 to 3.0 Loss	3

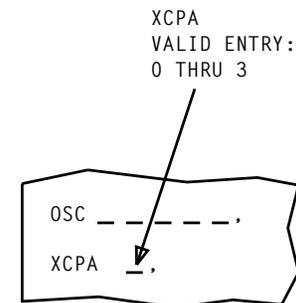


FIG. 2 - Sample of RC Worksheet Forms 100, 102, 107, or 109 (Partial)

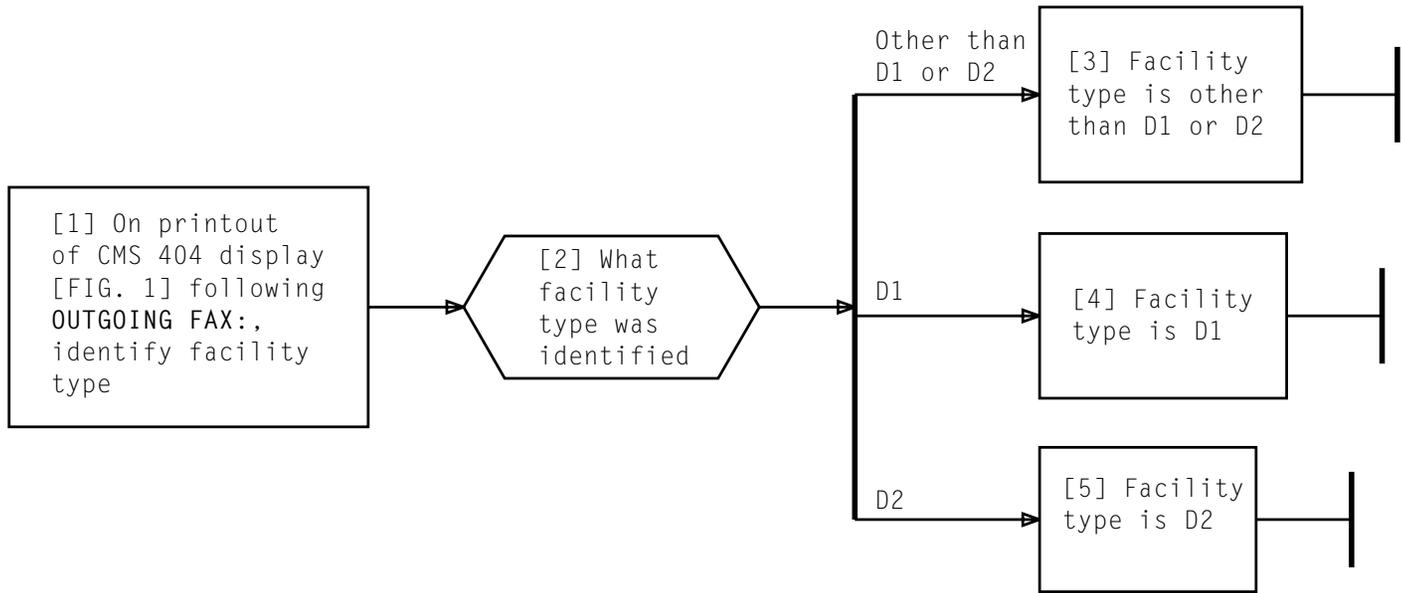
403 TEST DATA		OFFICE A POSITION	OFFICE Z POSITION
CLCID:	1 IH21IT	KSCYM00904T CC	STLSM00914T
410-----	ZML-----DEV-----	1000HZ---LTF:400HZ---	UTF:2800HZ-----ICL
A:	6.0 -----	-----	2.0
Z:	6.0 -----	-----	2.0

INSERTED CONNECTION LOSS - OFFICE A
INSERTED CONNECTION LOSS - OFFICE Z

FIG. 1 - Sample Printout of CMS 403 Display (Partial)

ENTER CCS TRANSCEIVER PAD ADJUSTMENT (XCPA) CODE

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```

404 TRANSLATION DATA
----- CIRCUIT -----
430 CLCID:  1 IH21IT      KSCYM00904T CC STLSM00906T
   CIN : 1STLSM00906T04T
   ALTERNATE NAME:
   CONTROL:                CO RESP-TOC/TEC:22/50/
   OWNERSHIP:LL            MTC RESP-TOC/TEC:22/50/
   ORIGINAL CLCID: (ONLY APPLIES TO NAME CHANGE)

431 TAN: 10/0/A078  CCIS TERMINAL:  /  BAND:      LABEL:

432 ABBREVIATED ORDER CODE:          FE CHANNEL BANK:

----- FACILITY -----
433 OUTGOING FAX:  1  A  1 KSCYM00904T STLSM00906T
----- CIRCUIT ORDER -----
434 WORK DATE:  / /  TEST DATE:  / /  DUE DATE:11/15/86
435 CAROT TESTABLE?          CAROT TESTS PASSED?
  
```

FACILITY TYPE

FIG. 1 - Sample Printout of CMS 404 Display

DETERMINE FACILITY TYPE

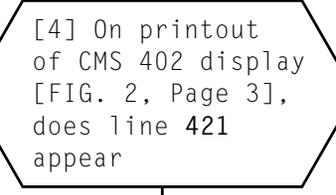
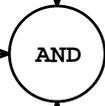
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On RC Worksheet Form 203 [FIG. 1, Page 2] [NOTE 1]:

[1] Following
RC:TRK;NEW;OPT(MANUAL,CCS/CCS7),
enter *ACT*

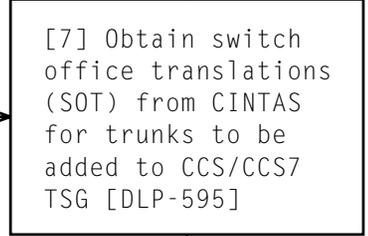
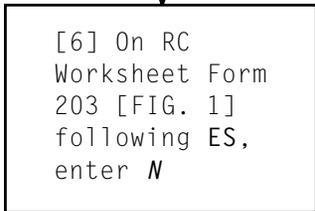
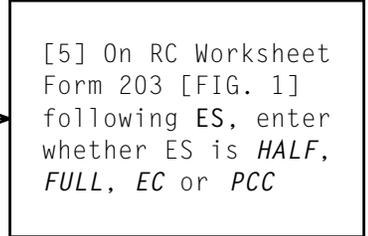
[2] Following *ORNU*, enter
assigned *ORNU*

[3] Following *TSG*, enter *TSG CIN* from
previously completed RC Worksheet
Forms 100, 101 or 102



Yes

No



NOTE 1	
This DLP should be read throughout before attempting to use it	
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COMPLETE RC WORKSHEET FORM 203 TO ADD NEW CCS/CCS7 TRUNKS TO EXISTING TSG


```

402 EQUIPMENT DATA

CLCID: 125 IT CHCGILCL57T -M ORLDFLMA01T
420 TRK ORDER CODE: 0201 L01
TAN: 0015037
OTAN: 003245

LINE 421 ECHO SUP/CANC: H

FRAME MEMBER LOCATION UNIT CKT OR CHAN EQP
SP 00 1703..01
422 EST M.0 R
VIF 001 1702..01 5 037 R
A6 1002 1731..03 085 F

423 GDF 1151.13 DROP LINE

FACILITY: 15A 0112 CHCGILCL57TORLDFLMA

```

FIG. 2 - Sample Printout of CMS 402 Display (Partial)

```

CCS/CCS7 SECONDARY TERMINAL
SWITCH OFFICE TRANSLATIONS
OFFICE: MDSNW10241T
TRUNK ID: IH33IT CHCGILCG58T CC MDSNWI0231T
CCS/CCS7 PRIMARY TERMINAL
TERM PAIR
CCS/CCS7 BAND NUMBER
CCS/CCS7 MEMBER NUMBERS
TRUNK_NO PRI/SEC BAND MEMBER TRB STATUS DATE
1 -16 00 01 088 00-15 1 IS 04-11-86

```

FIG. 3 - Sample Printout of Switch Office Translations (SOT)

[8] On SOT printout [FIG. 3, Page 3] under column heading **TERM PAIR - PRI/SEC**, identify CCS /CCS7 TSGs primary and secondary terminals

[9] On RC Worksheet Form 203 [FIG. 1, Page 2] following PTERM and STERM, enter identified primary terminal and secondary terminal

[10] Obtain **4ESS FACILITY ASSIGNMENT RECORD** or equivalent local form and identify CARTS worksheet page number for facility [DLP-582]

[11] Turn to identified CARTS worksheet page and identify lowest TFN not previously entered

On RC Worksheet Form 203 [FIG. 1]:

[13] Under QTRK, enter number of CINs remaining in assigned band (up to quantity of 16)

[14] Under FTFN, enter lowest TFN listed within assigned band not previously entered

[15] Under TAN, enter TAN associated with first TFN (FTFN)

[16] Under LABEL, enter band and member number assigned to FTFN

[17] Under VCR, enter assurance cancellation rate

[18] Under SCGA, enter *Y* for all analog carriers. For T-Carrier, enter *N* (if left blank, system assumes *N*)

[19] Following REMARKS, enter *CON* followed by applicable CON number

[12] Are TFNs for activated CON listed in numerical order within one assigned terminal band, with no break in numerical sequence of assigned member numbers

No

Page 7

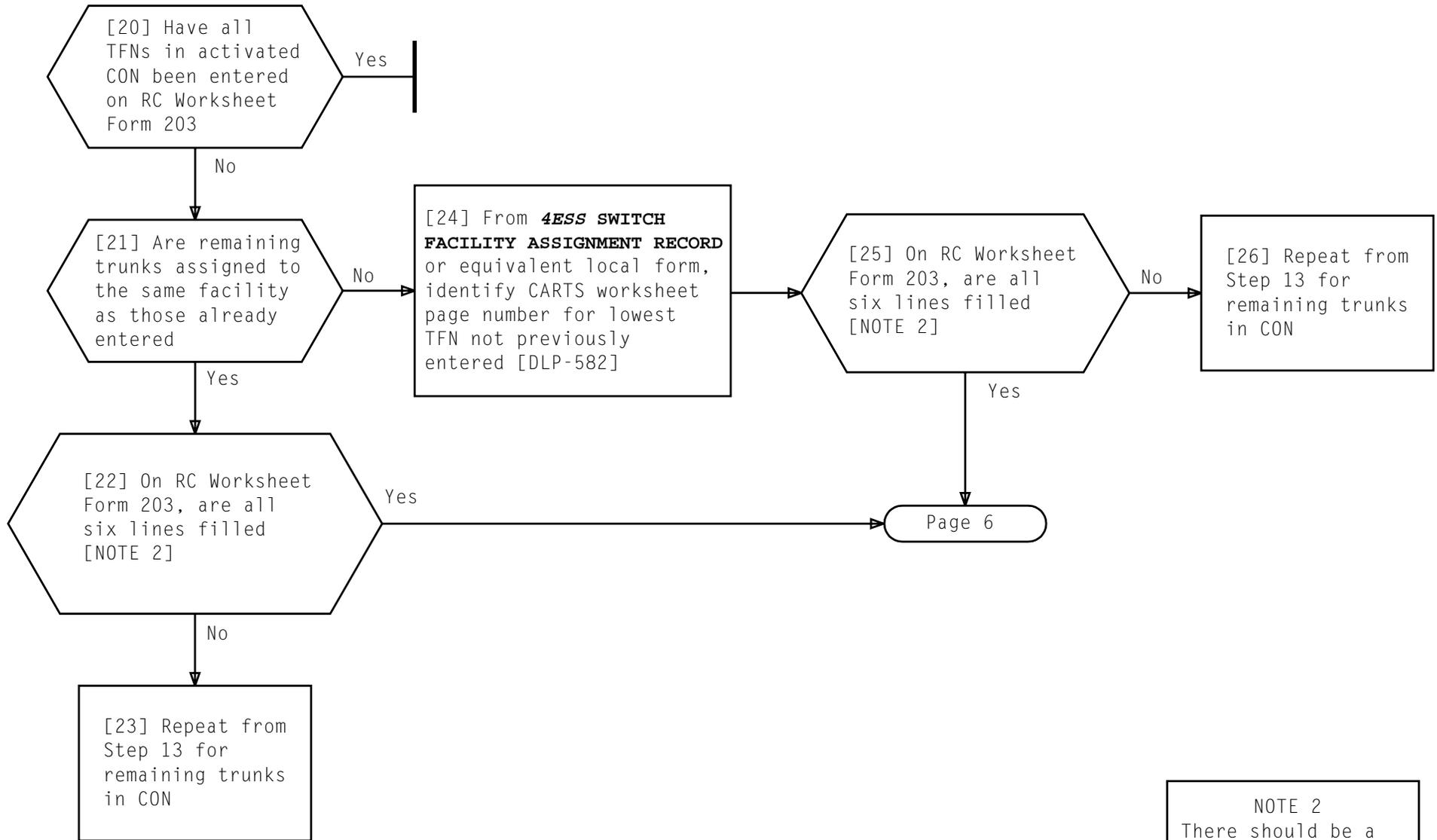
Yes

AND

Page 5

COMPLETE RC WORKSHEET FORM 203 TO ADD NEW CCS/CCS7 TRUNKS TO EXISTING TSG

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NOTE 2	
There should be a maximum of 24 circuits per RC Worksheet Form 203	
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COMPLETE RC WORKSHEET FORM 203 TO ADD NEW CCS/CCS7 TRUNKS TO EXISTING TSG

On **4ESS SWITCH RECENT CHANGE LOG SHEET**:

[27] Assign RC ORNU for RC Worksheet
Form 203 [DLP-561]

[28] Under column heading **DESCRIPTION
OF RECENT CHANGE ORDER**, enter
*ADDS (1WI, 1WO, or 2W) TRUNKS TO
CCIS/CCS7 TSG* (CIN of CCS/CCS7 TSG)

[29] Under column heading **RCDM WORK
SHEET**, enter *203*

[30] On RC Worksheet Form 203 [FIG. 1, Page 2]
following ORNU, enter assigned ORNU

[31] From previously completed RC Worksheet
Form 203, copy remaining entries
down to first line entry under **QTRK**

AND

[32] Repeat
from Page 4,
Step 12 for
remaining
trunks in CON

**COMPLETE RC WORKSHEET FORM 203 TO ADD NEW CCS/CCS7 TRUNKS TO
EXISTING TSG**

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On RC Worksheet Form 203 [FIG. 1, Page 2]:

[33] Under **FTFN**, enter lowest TFN in CON not previously entered

[34] Under **QTRK**, enter number of trunks listed on CARTS worksheet in numerical sequence beginning with FTFN with no break in label assignment listing (not to exceed 16)

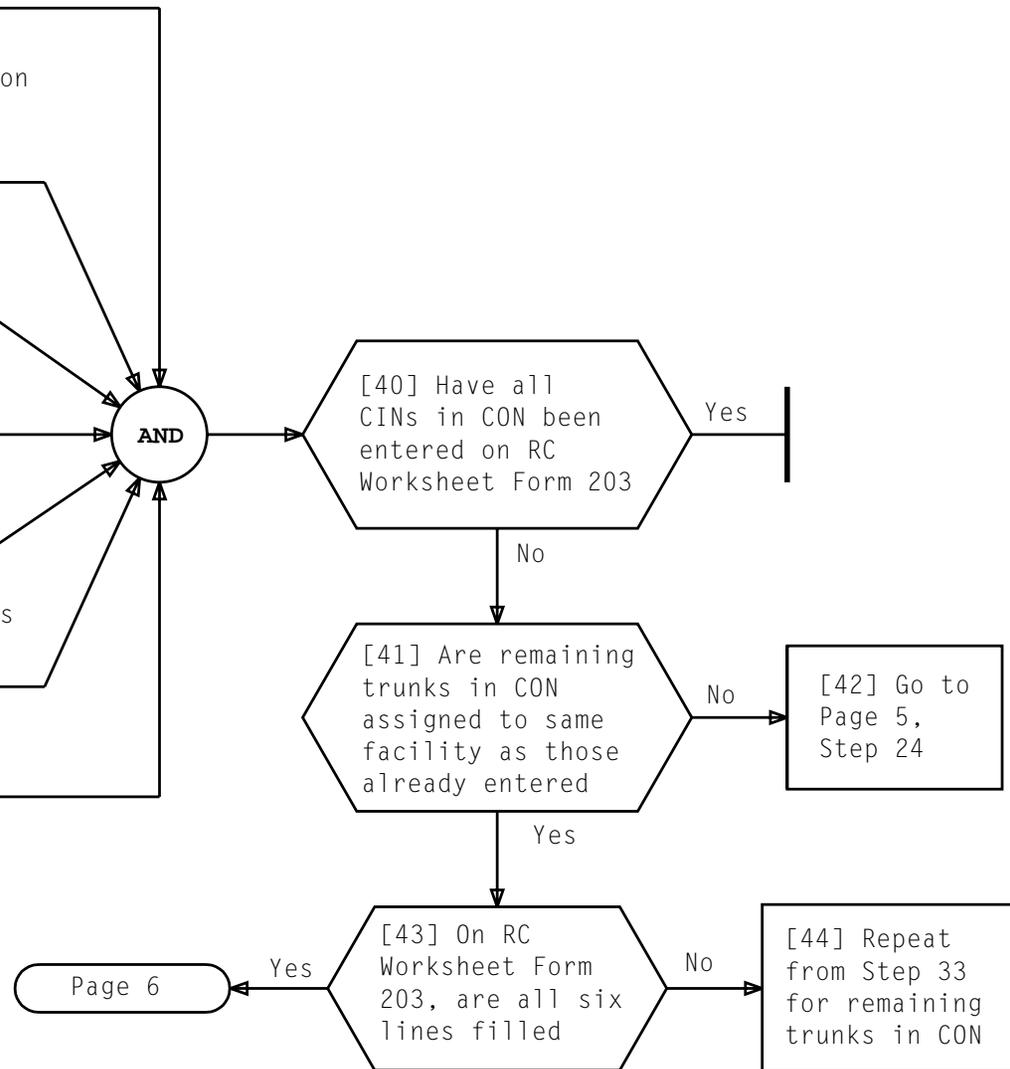
[35] Under **TAN**, enter TAN associated with first TFN (FTFN)

[36] Under **FBAND**, and **FMEMN**, enter band and member number assigned to FTFN per SOT printout [FIG. 3]

[37] Under **VCR**, enter assurance cancellation rate

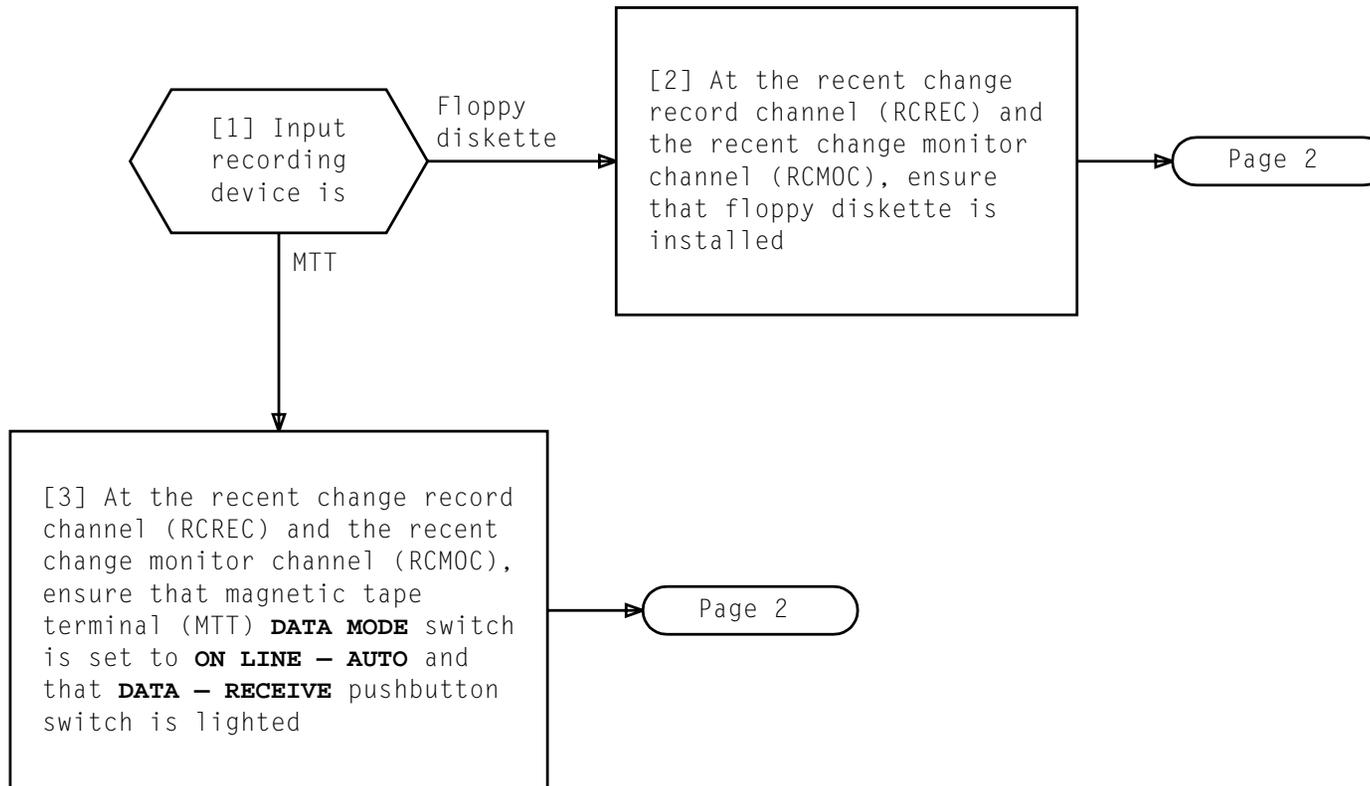
[38] Under **SCGA**, enter *Y* for all analog carriers (12 circuits). For T-Carrier, enter *N* (if left blank, system assumes N)

[39] Following **REMARKS**, enter *CON* followed by applicable CON number



COMPLETE RC WORKSHEET FORM 203 TO ADD NEW CCS/CCS7 TRUNKS TO EXISTING TSG

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ENTER TRUNK TYPE RCDM INTO CURRENT TRANSLATIONS USING RCDT

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[4] At RCDT, type **OP:RCFORM a!**
 (a = form number at upper left corner
 of RC worksheet being entered)

[5] Depress **SEND** key → CRT displays proper
 RC form [TABLE A]

[6] Type data from completed RC worksheet
 onto displayed form and proofread

[7] Depress **SEND**
 key → CRT display
 obtained
 [FIG. 1, Page 3]

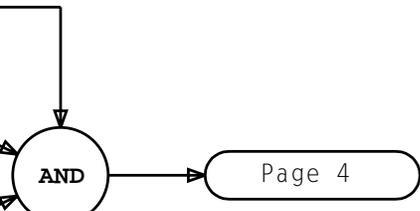
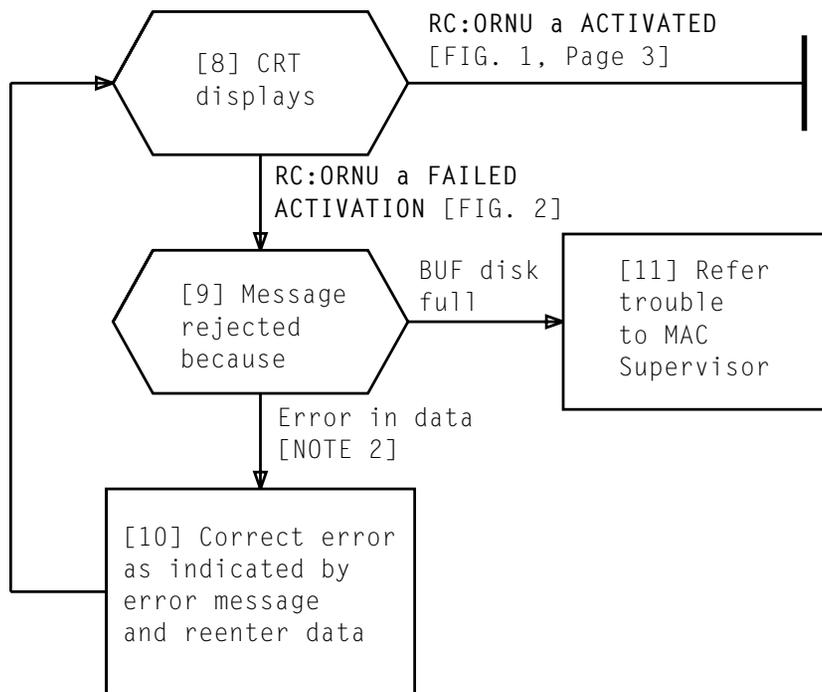


TABLE A	
FORM NUMBER	RECENT CHANGE ACTIVITY
100	Establish 2W TSG
101	Establish 1WI TSG
102	Establish 1WO TSG
103	Establish new VFL TSG
104	Add TFNB to existing TSG
105	Delete TFNB from existing TSG
106	Delete TSG
107	Change 2W TSG characteristics
108	Change 1WI TSG characteristics
109	Change 1WO TSG characteristics
200	Add new trunks; assign TANs manually
202	Delete message and VFL trunks
203	Add new CCS/CCS7 trunks; assign TANs manually
204	Add new VFL trunks; assign TANs manually
510	Delete Routing Data Block
513	Add TSG to existing RDB

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M 31 RC:ORNU a FAILED ACTIVATION:
 ERROR IN KEYWORD OF MESSAGE ORNU 319513
 D1D2 N,

FIG. 2 - Sample CRT Display - Error Message

NOTE 2	
If message rejected because of error, CRT displays portion of input form ending with keyword that contained error	
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ENTER TRUNK TYPE RCDM INTO CURRENT TRANSLATIONS USING RCDT

Generic Sensitive data [Fig. 1, Page 2]

[1] At RCDT, type

VER:TSG:CIN a! (a = TSG CIN)

[2] Depress **SEND** key

CRT displays output
verify message
[FIG. 2, Page 3]

[3] Compare TSG characteristics
on RC Worksheet Form 100
with CRT display [FIG. 2]

[5] At RCDT, delete TSG
containing mismatched data
[DLP-510]

[6] Obtain and enter new RC ORNU on
4ESS SWITCH RECENT CHANGE LOG SHEET
[DLP-511]

[7] On RC Worksheet
Form 100, line out old
incorrectly entered ORNU and enter
new ORNU obtained in Step 6

[8] Using RC Worksheet Form 100,
enter RCDM at RCDT
[DLP-574]

[4] Does
data match

Yes

No

No

[10] Refer
trouble
to MAC
Supervisor

[9] Repeat
from Step 1

VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH 2W TSG

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FORM 100
4E20

ESTABLISH A NEW TWO-WAY TRUNK SUBGROUP
4ESS SWITCH
4E20 GENERIC PROGRAM

RC:TSG;NEW;OPT(TWOWAY), A C T:

ORNU 3 1 9 5 0 4, TSG 1 S T L S M O 0 9 M F T 0 4 T,
PCF _____, AOPC _____, DPC _____,
FEAREA _____, FESWID _____, TFG _____, TSGBBC _____, VDCAP _____, DATAF _____,
FENCLASS _____, FENID _____, EXSEQ _____, FEPTY _____,
QTFN 1 9 2, TOT I T O L L, SAT N, DOM P O T S, ACD _____, IT _____,
FENPA _____, FEOF _____, FELATA _____, FESC6 Y, IWZ1 _____, LSST _____,
MEM _____, PSES N, INSEP 1 0, MTSC 0, GNSC 0, GEOSEP 0 _____,
ISC M F D D S D, RFA Y, ADIG _____, CID _____, CCIS2WRE _____, CBNPR _____,
OSC M F D D S D, RFMP N, DPSTOP _____, DELAY 2 0, MFSPEED 7, DNHR N,
XCPA _____, DNP _____, REV N, GLARE N, PSOLI _____,
BN _____, BRL _____, ITC _____, GSDN _____, GSDNPHSE _____, EAS _____, NPARINH _____,
WATSBN _____, PSBN _____, PSCPN _____, ANISID _____, WANISID _____, PSUUI _____,
BNPT _____, WBNPT _____, CMERGE _____, SCFN _____, OVLP _____, PRIT _____,
APS _____, CHNEG _____, PSATP _____, PBXESGD _____, PBXAW _____, FAR4E _____, DOFP _____, SBRIV _____,
MEGC _____, SDNA _____, OWAT _____, DATA _____, CBC _____, DDD _____, IDDD _____, FOSPS _____, CCIF _____,
SDNPLAN _____, BFTIS _____, BFTNI _____, SKSP _____, PBXNWW _____, HYBRD _____,
INCID _____, ITELCO _____, S5DIG _____, ONCID _____, D3DBN _____, MULAW _____, CSCSET _____, CID _____,
ANCR _____, ACCID _____, ACCDTA _____, PSTNG _____, FLDSPR _____,
CAREA 2, CPOS _____, SINDEK _____, CODSC _____, NEOTR N, TRIDX _____,
OTSTT T 1 0 3, OTSTN _____, 1 0 3, OTMTT _____, N, OTMTN _____,
XTSTT T 1 0 5, XTSTN _____, 1 0 5, XTMTT _____, N, XTMTN _____,
S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____,
REMARKS _____!

FIG. 1 - Sample of Partially Completed RC Worksheet Form 100 - 4E20 Generic Program

VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH 2W TSG

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Generic Sensitive data [Fig. 1, Page 2]:

[1] At RCDT, type

VER:TSG:CIN a! (a = TSG CIN)

[2] Depress **SEND** key

CRT displays
output verify
message
[FIG. 2, Page 3]

[3] Compare TSG characteristics
on RC Worksheet Form 101 with
CRT display [FIG. 2]

[5] At RCDT, delete TSG
containing mismatched data
[DLP-510]

[6] Obtain and enter new RC ORNU on
4ESS SWITCH RECENT CHANGE LOG SHEET
[DLP-511]

[7] On RC Worksheet
Form 101, line out old
incorrectly entered ORNU and enter
new ORNU obtained in Step 6

[8] Using RC Worksheet Form 101,
enter RCDM at RCDT
[DLP-574]

[4] Does
data match

Yes

No

No

[10] Refer
trouble
to MAC
Supervisor

[9] Repeat
from Step 1


```

M 48 VER:TSG,OPT(IN1WAY):
                                     BTFN   TOWN   ST   BL   FBS   NBS
TSG 101 STLS M0 09 14T 04T,
DPC -----,
PCF -----,   AOPC -----,
FENCLASS -----, FENID -----,   TFG _,   TSGBBC _,
QTFN -----,   TOT ITOLL, SAT N,   DOM POIS,   IT _,
FENPA 314,   FEOFC -----, FELATA -----,   FESC6 Y,   IWZ1 _, LSST -----,
MEM _,   PSES N,   INSEP 10 -,   MTSC 0 -,   GNSC 0,   GEOSEP 0,
ISC DOMCCIS, RFA N,   ADIG _,   CCIS2WRE N,   CBNPR -----,
BN -----, BRL S,   ITC 0, GSDN -,   GSDNPHSE -,   EAS N, CMTYP ,   NPARINH -,
WATSBN -----,   PSUUI -,
BNPT -----,   WBNPT -----, CMERGE -,   SCFN -,   OVLP -,   PRIT -----,
APS -,   PSATP -,   PBXESGD -,   PBXAW -,   FAR4E -,
MEGC -,   SDNA -, OWAT -,   DATA -, CBC -,   DDD -,   IDDD -,   FOSPS -,
SDNPLAN -----,   BFTIS -----, BFTNI -----,   SKSP -,   PBXNW -, HYBRD -,
INCID -,   ITELCO -, S5DIG -,
ANCR -,   ACCID -,   ACCDTA -,   PSTNG -,   FLDSPR -,
CAREA 2,   CPOS 5,   SINDEXT -----,
S1 -, S2 -, S3 -, S4 -, S5 -, S6 -, S7 -, S8 -, S9 -, S10 -,
07/24/90 17:48:19
#847

M 48 VER:MESSAGE
NO DATA FOUND
07/24/90 17:48:36

```

TSG CIN

TSG CHARACTERISTICS

FIG. 2 - Sample CRT Display - Output Verify Message of 1WI TSG

VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH 1WI TSG

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Generic Sensitive data [Fig. 1, Page 2]:

[1] At RCDT, type

VER:TSG:CIN a! (a = TSG CIN)

[2] Depress **SEND** key

CRT displays
output verify
message
[FIG. 2, Page 3]

[3] Compare TSG characteristics
on RC Worksheet Form 102
with CRT display [FIG. 2]

[5] At RCDT, delete TSG
containing mismatched data
[DLP-510]

[6] Obtain and enter new RC ORNU on
4ESS SWITCH RECENT CHANGE LOG SHEET
[DLP-511]

[7] On RC Worksheet
Form 102, line out old
incorrectly entered ORNU and enter
new ORNU obtained in Step 6

[8] Using RC Worksheet Form 102,
enter RCDM at RCDT
[DLP-574]

[4] Does
data match

[10] Refer
trouble
to MAC
Supervisor

[9] Repeat
from Step 1

VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH 1WO TSG

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```

# FORM 102 TG-4          ESTABLISH A NEW ONE-WAY OUTGOING TRUNK SUBGROUP
4E20                    4ESS SWITCH
                        4E20 GENERIC PROGRAM

RC ORNU → RC:TSG;NEW;OPT(OUT1WAY), A C T:
ORNU 3 1 9 5 0 8,          TSG 1 S T L S M O 0 9 M F T 0 4 T,
PCF _____,          AOPC _____,          DPC _____,

FENCLASS _____, FENID _____,          TFG _____,          TSGBBC _____,
FEAREA _____, FESWID _____,          EXSEQ _____,          FEPTY _____,
QTFN 9 6,          TOT I T O L L, SAT N,          DOM P O T S,          ACD _____,
FENPA 3 1 4,          FEOFC _____, FELATA _____,          IWZ1 _____,
MEM _____,          PSES N,

OSC M F D D S D, RFMP N,          DPSTOP _____,          CID _____,          CCIS2WRE _____,
XCPA _____,          DNP _____,          DELAY 2 0,          MFSPEED 7,          PSOLI _____,

BN _____,          BRL _____,          GSDN _____,
          PSBN _____,          PSCPN _____,          ANISID _____,          WANISID _____,          PSUUI _____,
BNPT _____,          CMERGE _____,          SCFN _____,          PRIT _____,
APS _____,          CHNEG _____,          PSATP _____,          DOFP _____,          SBRIV _____,
          FOSPS _____,          CCIF _____,

ONCID _____,          D3DBN _____,          MULAW _____,          CSCSET _____,          CID _____,
ANCR _____,          ACCID _____,          ACCDTA _____,          PSTNG _____,          FLDSPR _____,

CAREA 2,          CPOS 0,          SINDEX _____,          CODSC _____,          NEOTR N,          TRIDX _____,
OTSTT I 1 0 3,          OTSTN _____,          1 0 3,          OTSTT _____,          N,          OTSTN _____,
XTSTT I 1 0 5,          XTSTN _____,          1 0 5,          XTSTT _____,          N,          XTSTN _____,

S1 _____, S2 _____, S3 _____, S4 _____, S5 _____, S6 _____, S7 _____, S8 _____, S9 _____, S10 _____,
REMARKS C O N 8 9 2 _____!

```

TSG CHARACTERISTICS

TSG CIN

FIG. 1 - Sample of Partially Completed RC Worksheet Form 102 - 4E20 Generic Program

VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH 1WO TSG

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TSG
CHARACTERISTICS

```

M 48 VER:TSG,OPT(OUT1WAY):
                                BTFN   TOWN   ST   BL   FBS   NBS
                                TSG 5501 GNB0 NC EU 05T 03T,
                                DPC -----
PCF _____, AOPC _____,
FENCLASS _____, FENID _____, TFG __, TSGBBC __,
FEAREA _____, FESWID _____, EXSEQ __, FEPTY __,
QTFN 192, TOT TSPS, SAT N, DOM POTS, ACD __,
FENPA 919, FEOFC __, FELATA __ 0, IWZ1 N,
MEM __, PSES N,
OSC _____, RFMP __, DPSTOP __, CID _____, CCIS2WRE __,
XCPA __, DNP __, DELAY _____, MFSPEED __,
PSOLI __,
BN _____, BRL S, GSDN __,
PSBN _____, PSCPN __, ANISID _____, WANISID _____, PSUUI __,
BNPT _____, CMERGE __, SCFN __, PRIT _____,
APS __, CHNEG __, PSATP __, DOFP __, SBRIV __,
FOSPS __, CCIF __,
ONCID __, D3DBN __, MULAW __, CSCSET _____, CID _____,
ANCR __, ACCID __, ACCDTA __, PSTNG __, FLDSPR __,
CAREA __, CPOS __, SINDEX __, CODSC __, NEOTR __, TRIDX __,
OTSTT _____, OTSTN _____, OTSTT _____, OTSTN _____,
XTSTT _____, XTSTN _____, XTSTT _____, XTSTN _____,
S1 __, S2 __, S3 __, S4 __, S5 __, S6 __, S7 __, S8 __, S9 __, S10 __.
07/24/90 17:48:19
#847
M 48 VER:MESSAGE
NO DATA FOUND
07/24/90 17:48:44

```

TSG CIN

FIG. 3 - Sample CRT Display - Output Verify Message of 1WO TSG

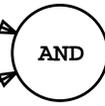
VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH 1WO TSG

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On RC Worksheet Form 203 [FIG. 1,
Page 2] for first line entry:

[1] Identify QTRK assignment

[2] Identify TAN assignment



Yes

[4] At RCDT, type
VER:TRK:TAN a!
(a = TAN assignment)
[See TABLE A,
Message A] and
depress **SEND** key

No

[5] At RCDT, type
VER:TRK:TAN a-b!
(a = TAN assignment
b = TAN containing LTS)
[See TABLE A,
Message B] and
depress **SEND** key

Page 3

TABLE A	
INPUT VERIFY MESSAGES	
A.	VER:TRK:TAN a! a = TAN assignment Example: VER:TRK:TAN 0116001!
B.	VER:TRK:TAN a-b! a = TAN assignment b = Last TAN in range of TANs to be verified. TANs Last Time Slot (LTS) = one less than QTRK added to First Time Slot (FTS) Example: VER:TRK:TAN 0116001-0116012!

FORM 203 TG-4

ADD NEW CCS TRUNKS, ASSIGN TANs MANUALLY
4ESS SWITCH

RC:TRK;NEW;OPT(MANUAL,CCS), A C I:

ORNU 3 1 9 5 1 2,
ES H A L F,

BTFN TOWN ST BL FBS NBS
TSG 1 S T L S M 0 0 9 1 4 T 0 4 T,
PTERM 0,
STERM 1,

TAN ASSIGNMENT

QTRK	FTFN	TSI	SPC	LVL	FTS	FBAND	FMEMN	FCIC	VCR	BBC	SCGA
<u>1 2</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>6</u>	<u>1</u>	<u>1 0 0</u>	<u>0</u>				
---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---

QTRK ASSIGNMENT FOR FIRST LINE ENTRY

LINE ENTRY

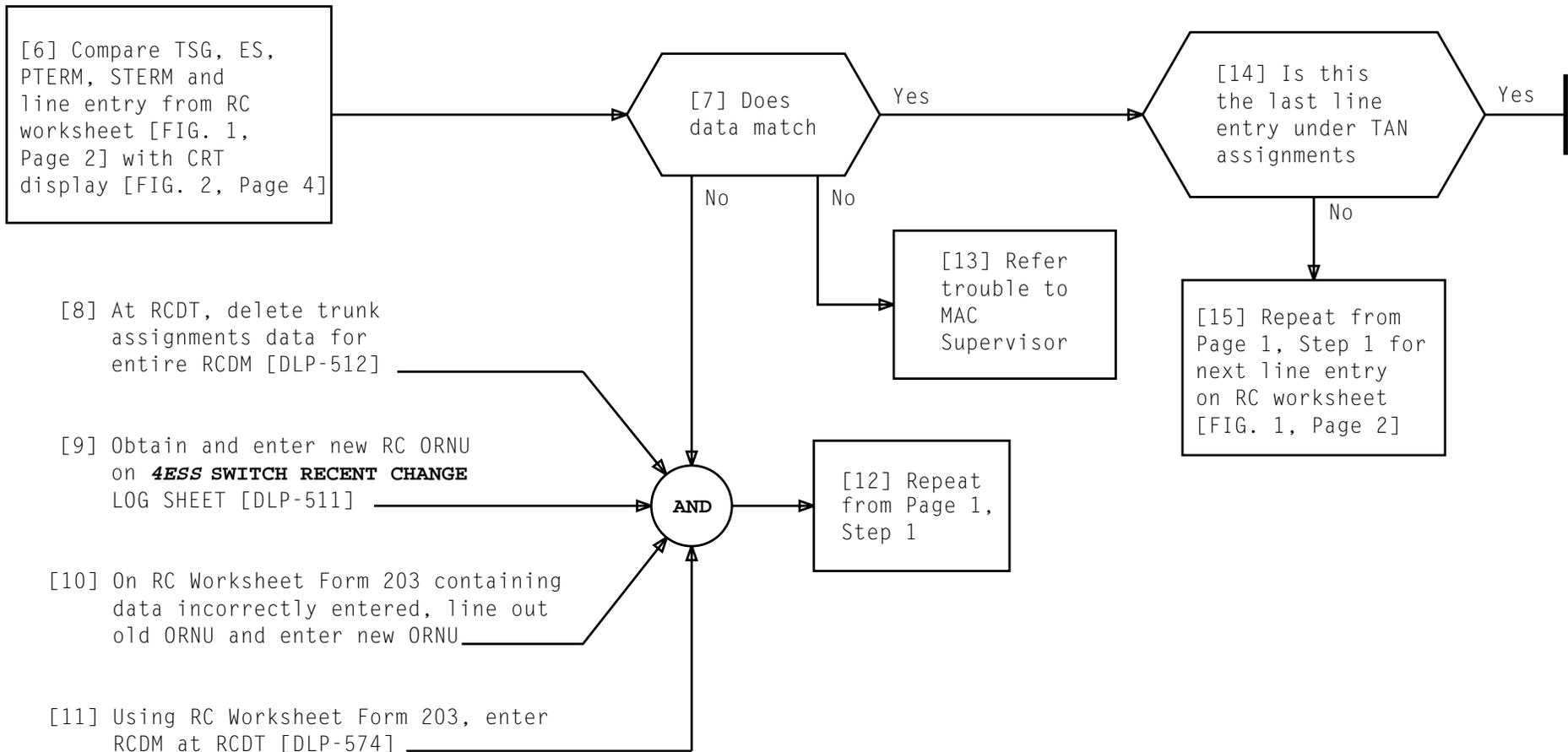
REMARKS C O N 3 0 1

-----!

FIG. 1 - Sample of Partially Completed RC Worksheet Form 203

VERIFY CURRENT TRANSLATIONS DATA TO ADD CCS/CCS7 TRUNKS

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```

M 20 VER:TRK;OPT(CCS/CCS7):

                                BTFN   TOWN   ST    BL   FBS   NBS
                                TSG    1     STLS  MO   09   14T   04T,
ES HALF,                                PTERM 0,
                                           STERM 1,

                                TAN
QTRK   FTFN   TSI   SPC  LVL  FTS   FBAND  FMEMN  FCIC   VCR   BBC   SCGA
12,    1,    1,    1,  6,  1,   100,  0,    ,    50,  ,    ,

```

FIG. 2 - Sample CRT Display - Output Verify Message

At CMS channel:

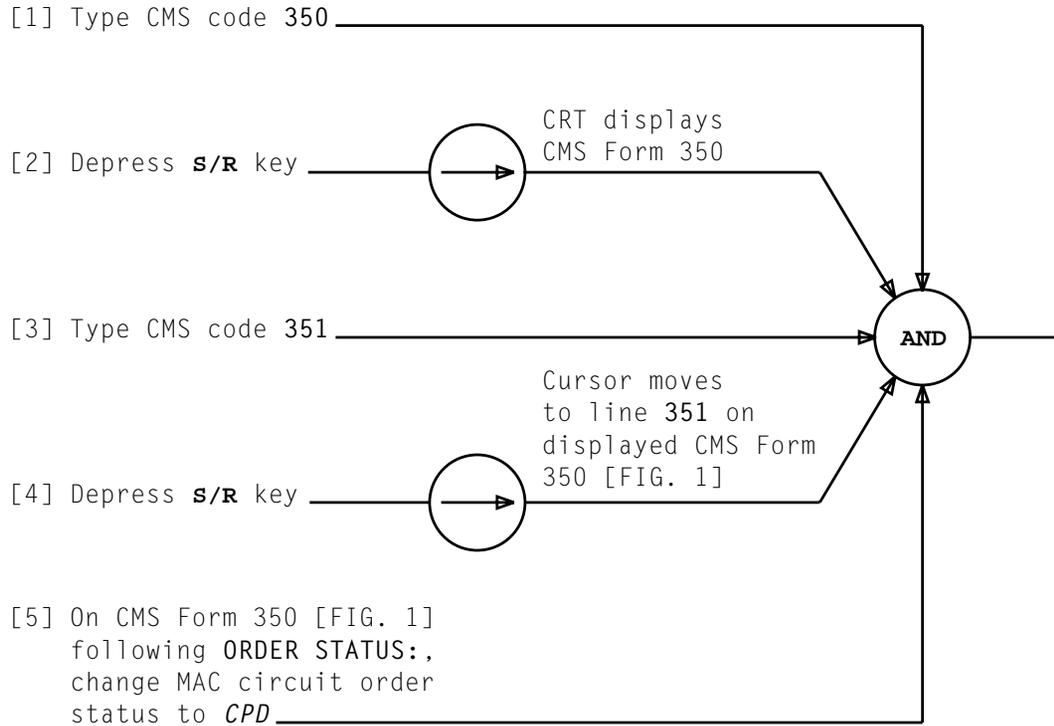


FIG. 1 - Sample CRT Display - CMS Form 350 (Partial)

1. General

1.1 A reinitialization file will be established for two basic purposes:

- (a) To contain hard copies of recent change data messages (RCDMs) which have been activated since the last tape dump
- (b) To contain detailed RCDM contents for use in the event a rollback is required.

1.2 In addition, the reinitialization file will be used in an audit function by containing ORNUs to compare with those appearing on a rollback area printout which contains a listing of all ORNUs in the rollback area and the form numbers.

2. Procedure

2.1 Obtain a ring binder and insert a cardboard divider to separate the contents into two sections. The section forward of the divider will contain hard copy printouts of all RCDMs processed since the last tape dump. These printouts will be filed in the order in which to RCDMs were entered into the 4 ESS Switch translations.

2.2 Behind the divider will be printouts containing RCDMs still in the rollback area but entered prior to the last tape dump.

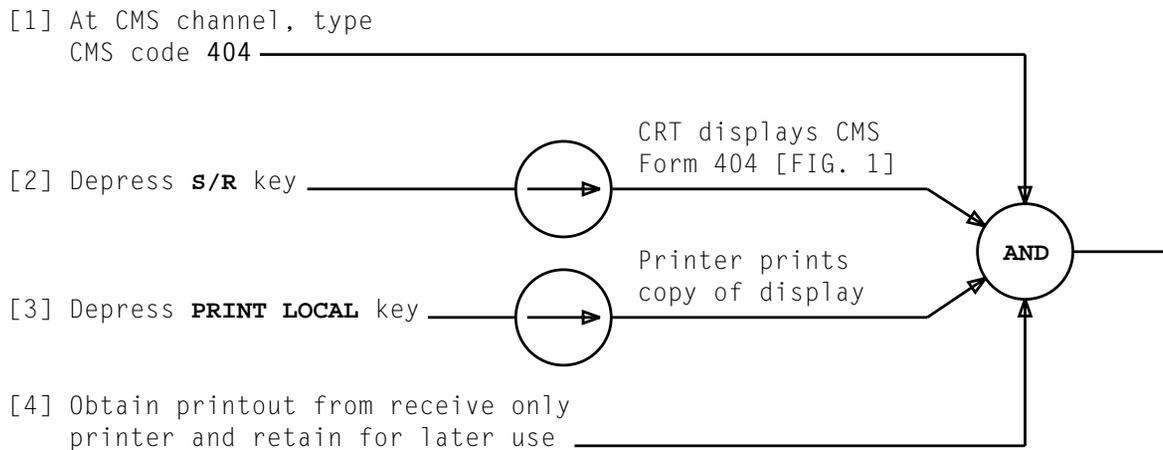
2.3 Each time a tape dump occurs, the printouts behind the separator are removed from the file and the separator is moved to the front of the file. Thus, a new section is provided for filing the hard copies obtained from processing RCDMs since the last tape dump.

2.4 Contained in the reinitialization file are printouts of activated RCDMs.

2.5 It is recommended that critical RCDMs such as unit type recent changes be tagged with a red flag to alert MAC personnel when evaluating reentry of RCDMs in the event of rollback.

ESTABLISH REINITIALIZATION FILE

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```

MESSAGES:
CON/ITEM/MEMBER: 898/01 /01)M 1STLSM00906T04T STATUS: PND/PND/PND
MAC 01/CKT/DET

404 TRANSLATION DATA
----- CIRCUIT -----
430 CLCID: 1 IH21IT KSCYM00904T CC STLSM00906T
CIN : 1STLSM00906T04T
ALTERNATE NAME:
CONTROL: / CO RESP- TOC/TEC:22/50
OWNERSHIP:LL MTC RESP- TOC/TEC:22/50
ORIGINAL CLCID: (ONLY APPLIES TO NAME CHANGE)

431 TAN: 100A078 CCIS TERMINAL: / BAND: LABEL:

432 ABBREVIATED ORDER CODE: FE CHANNEL BANK:

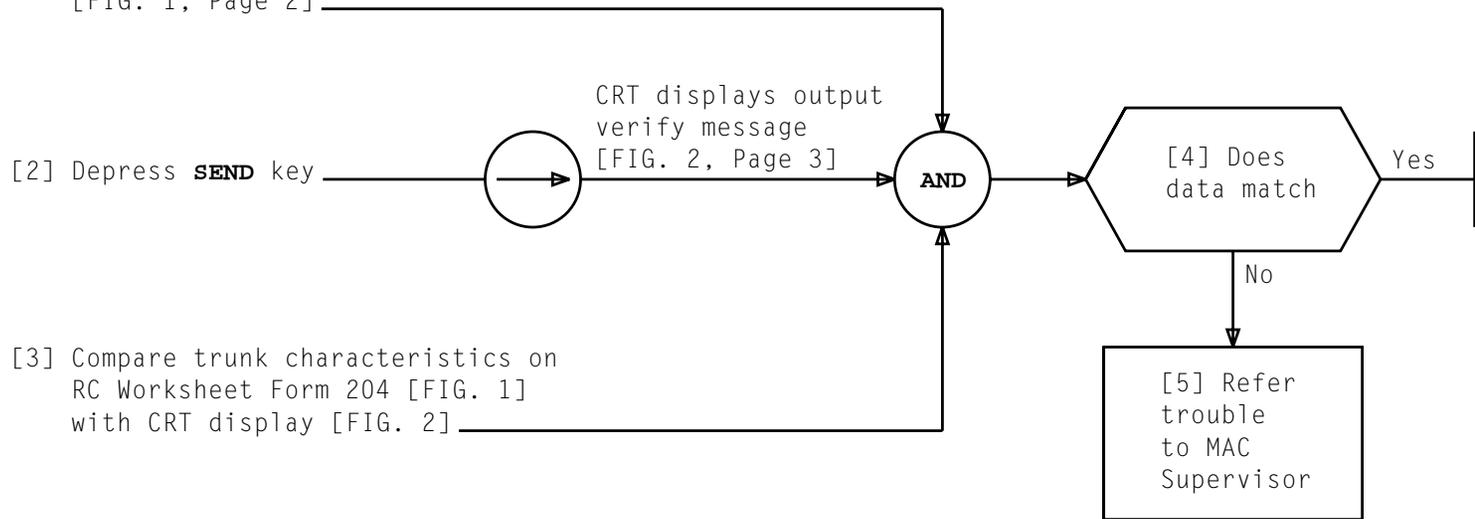
----- FACILITY -----
433 OUTGOING FAX: 1 A 1 KSCYM00904T STLSM00906T
FACILITY DESIGNATOR
----- CIRCUIT ORDER -----
434 WORK DATE: / / TEST DATE: / / DUE DATE:11/15/86
435 CAROT TESTABLE? CAROT TESTS PASSED?
  
```

FIG. 1 - Sample CMS 404 Display

OBTAIN PRINTOUT OF CMS 404 DISPLAY

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[1] At RCDT, type
VER:TRK:TAN a!
 (a = TAN assignment
 from line entry on
 RC Worksheet Form 204)
 [FIG. 1, Page 2]



VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH A VOICE FREQUENCY LINK (VFL) TRUNK

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TAN
ASSIGNMENT

```

# FORM 204 (04) TG-4          ADD NEW VFL TRUNKS, ASSIGN TANS MANUALLY
                                4ESS SWITCH

RC:TRK;NEW;OPT(VFL), A C T:          BTFN   TOWN   ST   BL   FBS   NBS

ORNU 2 3 0 5 0 6,          TSG _ 8 0 1 B S T N M A F R M S P 0 8 T,
TERM 0 0 0,          D1D2 _ N

QTRK   FTFN   TSIF   SPC   LVL   FTS   FCHAN
1,     _ 8 0 1, _ 1, 1, 6, 1 0 1, ---

REMARKS  C O N 1 2 3
-----!

```

FIG. 1 - Sample of RC Worksheet Form 204

VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH A VOICE FREQUENCY LINK (VFL) TRUNK

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```

M 08 VER:TRK;OPT(VFL):                                BTFN TOWN ST BL FBS NBS

                                                    TSG  801 BSTN MA FR MSP 08T

ES  N,                                                    D1D2  N,

                                TAN
QTRK  FTFN                TSIF  SPC   LVL   FTS       FCHAN       STATUS

  1,  801,                1,   1,   6,   101       0,         CAD,

05/19/86 14:10:17

#745

```

FIG. 2 - Sample CRT Display - Output Verify Message of VFL Trunk

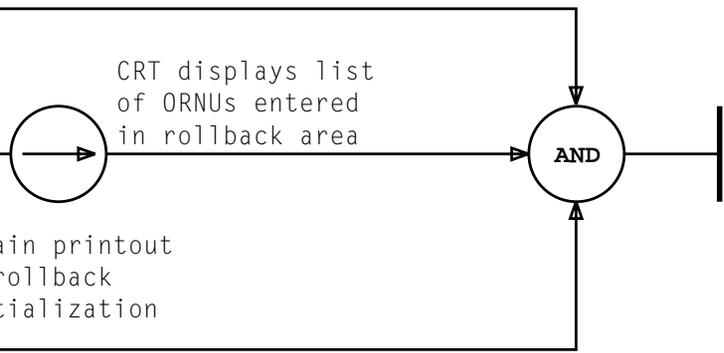
VERIFY CURRENT TRANSLATIONS DATA TO ESTABLISH A VOICE FREQUENCY LINK (VFL) TRUNK

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[1] At RCREC, type
OP:RCRORNU,ALL!

[2] Depress **SEND** key

[3] From RCREC printer, obtain printout
of RC ORNUs entered in rollback
area since latest reinitialization
tape dump [FIG. 1]



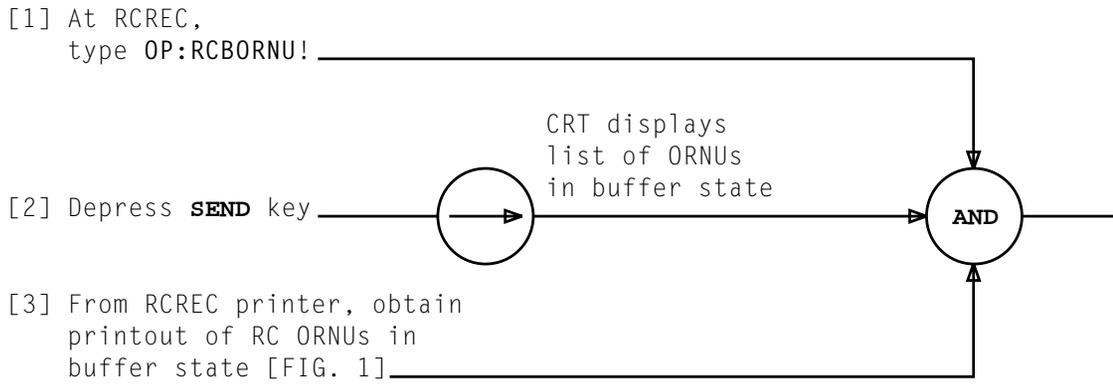
```

M 55 OP:RCRORNU MSG COMPL
ROLLBACK AREA ORNU SINCE THE LATEST TAPE:
  ORNU  FORM  ORNU  FORM  ORNU  FORM  ORNU  FORM  ORNU  FORM  ORNU  FORM
156259 100  156258 100  156257 104  156256 102  156256 102  156254 101
156253 101  156252 200  123123 100  123123 100  156249 107  156239 108
155239 108  155238 100  155238 200  155237 101  155236 101  155236 101
155235 102  155235 102  155234 108  155233 100  155233 100  155232 200
155232 200  155231 105  155230 106  155230 106  155229 103  155229 103
155228 100  155227 101  155227 101  155226 200  155226 200  155225 104
155224 104  155224 104  155223 107  155223 107  155222 104  155221 100
060486      13:55:44
#366
  
```

FIG. 1 - Sample Printout of Rollback Area History
Showing RC ORNUs Entered Since Latest
Reinitialization Tape Dump

OBTAIN PRINTOUT OF ORNUs ENTERED IN ROLLBACK AREA

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```

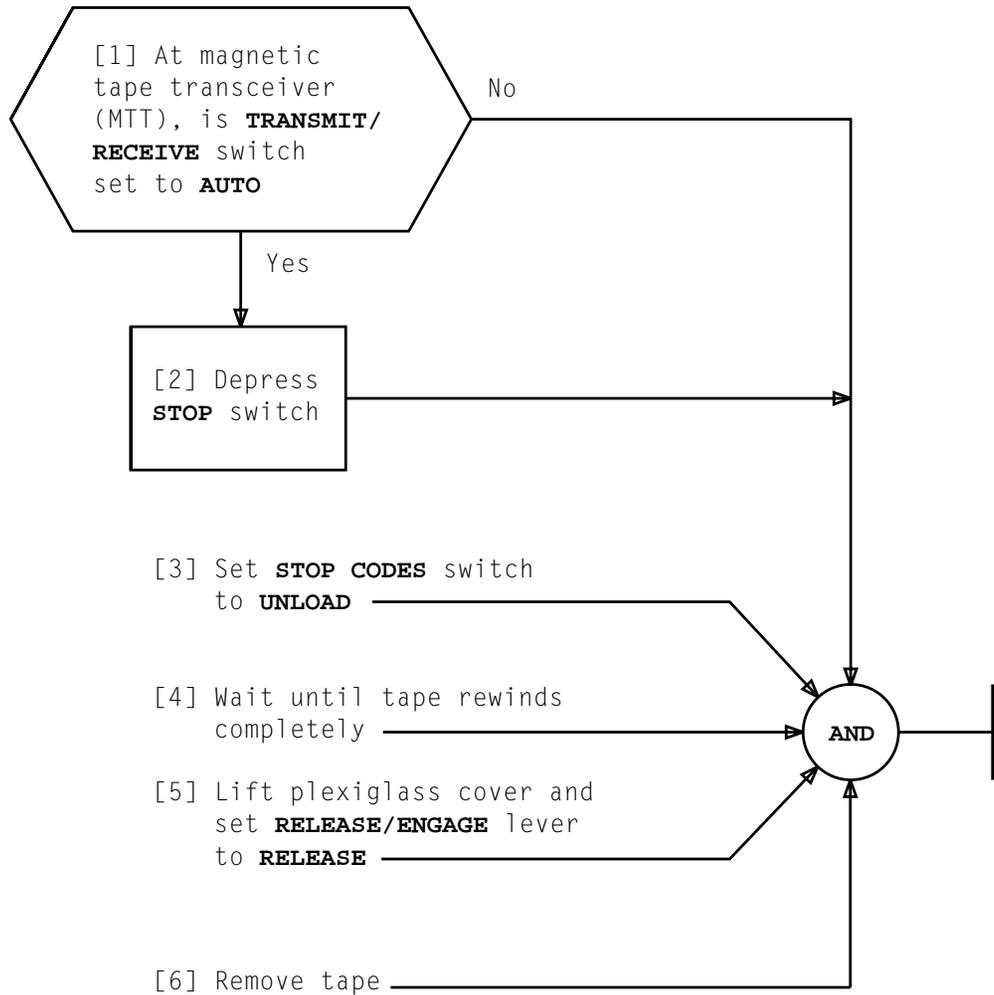
M 40  OP:RCBORNU MSG COMPL
      BUFFER CONTAINS THE FOLLOWING ORNU:
      226000      228500      22850 1  22850 2

      08 08 86   11:40:50
      #919
  
```

FIG. 1 - Sample of RC BORNU Printout

OBTAIN PRINTOUT OF ORNUs IN BUFFER STATE

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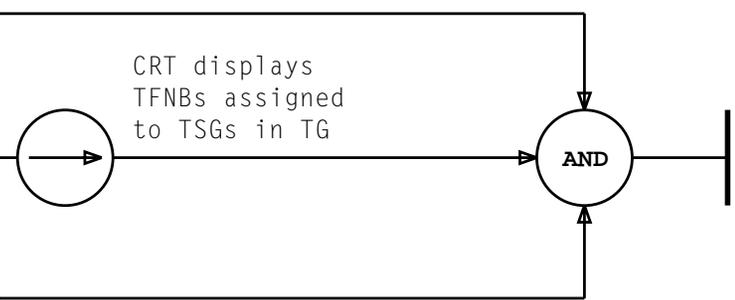
REMOVE OLD TAPE CARTRIDGE

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[1] At RCREC, type
VER:TFNB:TG a!
 (a = MF TG CIN) [FIG. 1]

[2] Depress **SEND** key

[3] At RCREC printer, obtain
 printout of TFNBs assigned
 to TSGs in TG [FIG. 2, Page 2]



**CCS CUTOVER AND/OR
 CONVERSION SCRATCH SHEET**

MF TG CIN: STLSM00914T04T EARLIEST ITEM _____
 DUE DATE: 11/15/86
 CCS TG CIN: _____ CCIS2WRE: _____

CON	ACT. CODE	ICL (db)	TRAFFIC NO. (TFN)	FACILITY	WORK-WITH CON(S)
111	D		1	1A1	112
112	A	1.3	1	1A1	111

FIG. 1 - Sample of CCS CUTOVER AND/OR CONVERSION SCRATCH SHEET

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OBTAIN PRINTOUT OF TFNBs ASSIGNED TO TSGs IN TG

```

04 VER:TFNB                                BTFN TOWN ST BL FBS NBS
                                           TSG   1 STLS MO 09 14T 04T,
TD TWOWAY, ISC MFDDSD, OSC MFDDSD, SAT N, DOM POTS, DNHR Y,
FTFN QTFN   FTFN QTFN   FTFN QTFN   FTFN QTFN
   1,  96,   201  96
11/14/86 14:04:37
#630

04 VER:TFNB                                BTFN TOWN ST BL FBS NBS
                                           TSG 101 STLS MO 09 14T 04T
TD 1WAYIN, ISC MFDDSD, OSC 1WAYIN, SAT N, DOM POTS, DNHR Y,
FTFN QTFN   FTFN QTFN   FTFN QTFN   FTFN QTFN
  101,  96,
11/14/86 14:04:46
#633

04 VER:TFNB                                BTFN TOWN ST BL FBS NBS
                                           TSG 301 STLS MO 09 14T 04T
TD 1WAYOUT, ISC 1WAYOUT, OSC MFDDSD, SAT N, DOM POTS, DNHR Y,
FTFN QTFN   FTFN QTFN   FTFN QTFN   FTFN QTFN
  301,  96,
11/14/86 14:04:55
#637

```

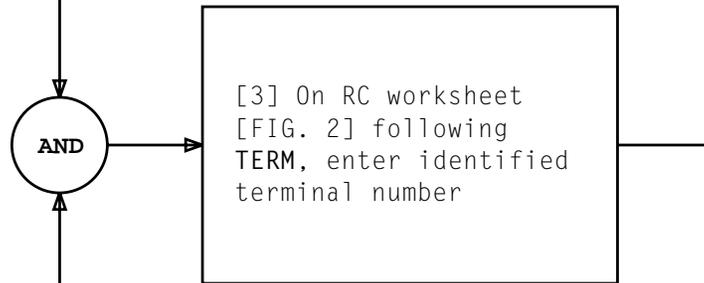
FIG. 2 - Sample Printout of TFNBs Assigned to TSGs in TG

OBTAIN PRINTOUT OF TFNBs ASSIGNED TO TSGs IN TG

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[1] Obtain printout of
CMS 404 display

[2] On printout of CMS
404 display [FIG. 1],
identify CCS terminal



ORIGINAL CLCID: (ONLY APPLIES TO NAME CHANGE)
7001 AF52SP DTRTMIBH50T M- DTRTMIBLCG1
431 TAN: 0213116 CCS TERMINAL: / BAND: LABEL:
OTAN: 012764

CCS TERMINAL NUMBER

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

FORM 204 (04) TG-4
RC:TRK;NEW;OPT(VFL), A C T:
ORNU 1 2 6 5 3 3,
TERM 0 0 0,

CCIS
TERMINAL
NUMBER

FIG. 2 - Sample of RC Worksheet
Form 204 (Partial)

IDENTIFY CCS TERMINAL NUMBER AND ENTER ON
RC WORKSHEET FORM 204

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[1] At RCDT, type
VER:RDBLIST;ALL:TSG a!
 (a = TSG CIN from RC
 Worksheet Form 510)
 [FIG. 1, Page 2]

[2] Depress **SEND** key

CRT display
 obtained
 [FIG. 2 or 3,
 Page 3]

[4] Obtain and enter new
 RC ORNU on **4ESS SWITCH**
RECENT CHANGE LOG
SHEET [DLP-511]

[5] On RC Worksheet Form 510
 [FIG. 1], line out old ORNU
 and enter new ORNU obtained
 in Step 4

[6] Using RC Worksheet Form 510
 [FIG. 1], enter RCDM at RCDT
 [DLP-574]

[3] Has RDB to
 be deleted on RC
 Worksheet Form 510
 [FIG. 1] been deleted
 from CRT display
 [FIG. 2 or 3]

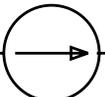
Yes

No

No

[8] Refer
 trouble to
 MAC
 Supervisor

[7] Repeat
 from
 Step 1



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# FORM 510 (02) TG-4	DELETE ROUTING DATA BLOCK 4ESS SWITCH
RC:RDB;OUT; <u>A C T</u> :	RDBI <u> 9 7</u> ,
ORNU <u> 1 2 6 5 3 1</u> ,	
REMARKS <u> C O N 3 9 0</u> -----	
<u> !</u>	

FIG. 1 - Sample of Completed RC Worksheet Form 510

VERIFY CURRENT TRANSLATIONS DATA TO DELETE RDB

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```

RDBs
REMAINING
ASSIGNED
TO TSG

```

```

M 32 VER:RDB;OPT(LIST):
                                BTFN TOWN ST BL FBS NBS
                                TSG   1 STLS MO 09 MFT 04T
                                ↗
                                ↘
RDBI TGORDER DEL  PREFIX  DNHRTYPE RDBI TGORDER DEL PREFIX DNHRTYPE
  4,  3,    0,    ,      ,      11, 5,    0,    ,      ,
 59,  1,    4,   08Z,

```

```

11/14/86 11:32:48
#962

```

TSG CIN

FIG. 2 - Sample CRT Display of RDBs Assigned to TSG

```

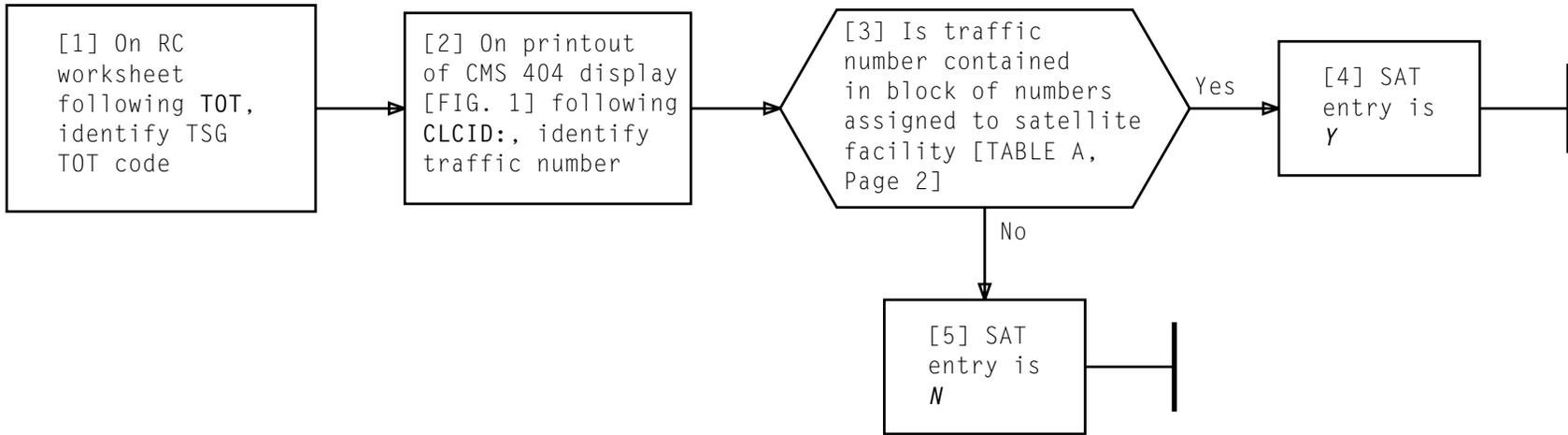
M 32 VER:RDB;OPT(LIST):
RDBI NOT ASSIGNED

```

FIG. 3 - Sample CRT Display - Indication No RDBs Assigned to TSG

VERIFY CURRENT TRANSLATIONS DATA TO DELETE RDB

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TRAFFIC NUMBER
(RANGE 2001 THROUGH 8996)

430 CLCID: 6701 NYCMNYAA1VB MM NYCMNYBW24T

FIG. 1 - Sample Printout of CMS 404 Display (Partial)

DETERMINE SATELLITE (SAT) ENTRY (INTL)

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TABLE A			
4ESS SWITCH OVERSEAS CIRCUIT NUMBERING PLAN (PARTIAL)			
CCITT6			
ONE-WAY	A - Z	CABLE	3001 - 3096 3201 - 3296 3301 - 3396 3501 - 3596
		SATELLITE	4201 - 4296 4301 - 4396 4401 - 4496 4501 - 4596
	Z - A	CABLE	3101 - 3196 3601 - 3696 3701 - 3796 3801 - 3896 3901 - 3996
		SATELLITE	4601 - 4696 4701 - 4796 4801 - 4896 4901 - 4996
TWO-WAY	A 1st Choice	CABLE	8001 - 8096 8801 - 8896
		SATELLITE	8101 - 8196
	Z 1st Choice	CABLE	8201 - 8296 8901 - 8996
		SATELLITE	8701 - 8796

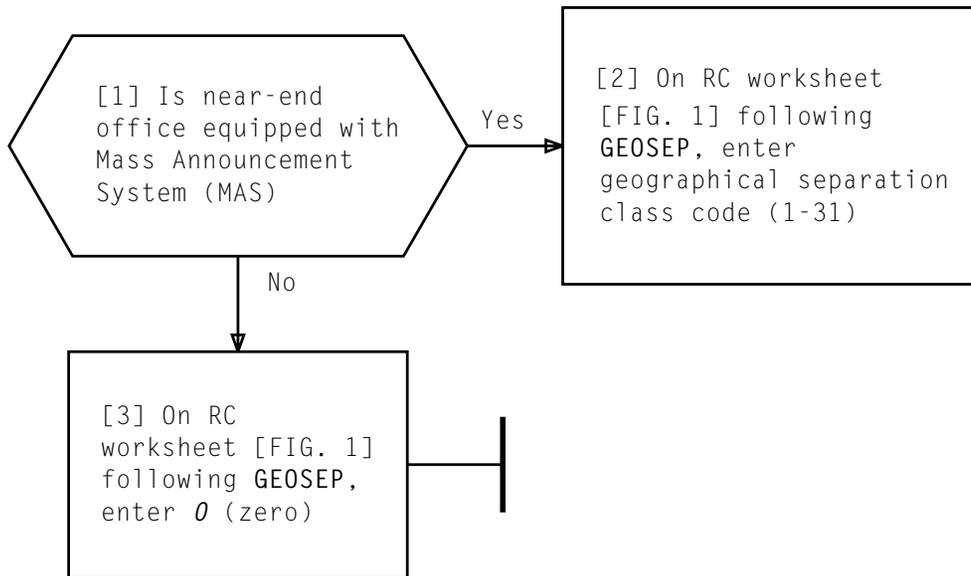
DETERMINE SATELLITE (SAT) ENTRY (INTL)

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1. Obtain blank RC Worksheet Form 202
 2. On Worksheet Form 202 [FIG. 1]:
 - 2.1 Following RC:TRK;OUT;, enter *ACT*
 - 2.2 Following ORNU, enter assigned ORNU
 - 2.3 Following TSG, enter TSG CIN from printout of CMS 404 display for activated CON
 - 2.4 Under QTRK, enter quantity of trunks to be deleted (each SM6 or SM7 circuit pack provides 16 digital service circuits)
 - 2.5 Under FTFN, enter lowest TFN to be deleted
 - 2.6 Following REMARKS, enter *CON* followed by applicable CON number
- End of procedure

# FORM 202 TG-4	DELETE MESSAGE AND VFL TRUNKS 4ESS SWITCH
RC:TRK;OUT; <u>ACT</u>	BTFN TOWN ST BL FBS NBS
ORNU <u>162505</u> ,	TSG <u>1STLSMO0914T04T</u> ,
QTRK FTFN	
<u>12</u> ,	<u>1</u> ,
---	---
---	---
REMARKS <u>CON 873</u>	
-----!	

FIG. 1 - Sample of Completed RC Worksheet Form 202



GEOSEP
ENTRY:
(0 OR 1-31)

FESC6 _., IWZ1 _., LSST _ _
 MTSC _ _., GNSC _., GEOSEP _ _.

FIG. 1 - Sample of RC Worksheet Forms 100 or 101 (Partial)

ENTER GEOGRAPHICAL SEPARATION CLASS (GEOSEP) CODE

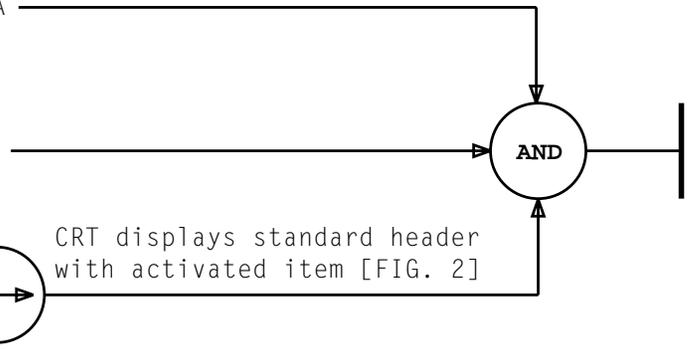
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[1] On displayed CMS Form 250 [FIG. 1],
 identify first item with action code A

[2] At CMS channel, type CMS code 121/a
 (a = item number with action code A)

[3] Depress **S/R** key

CRT displays standard header
 with activated item [FIG. 2]



FIRST ITEM WITH ACTION CODE A

MESSAGES:
 CON/ITEM/MEMBER: 113/13 /..) 13STLSM00914T04T STATUS: RC/PND/PND
 250 CIRCUIT ORDER ITEM LIST

ITEM NO	CIN	PSD USE ACT	WORK DATE	TEST DATE	DUE DATE	RESP TEC/TOC	STATUS MAC/TEC/TOC
09	21STLSM00914T04T	D			11/15	51/20	RC/PND/PND
12	24STLSM00914T04T	D			11/15	51/20	RC/PND/PND
13	13STLSM00914T04T	A			11/15	51/20	RC/PND/PND

FIG. 1 - Sample CMS 250 Display - Last Page of Multipage Display

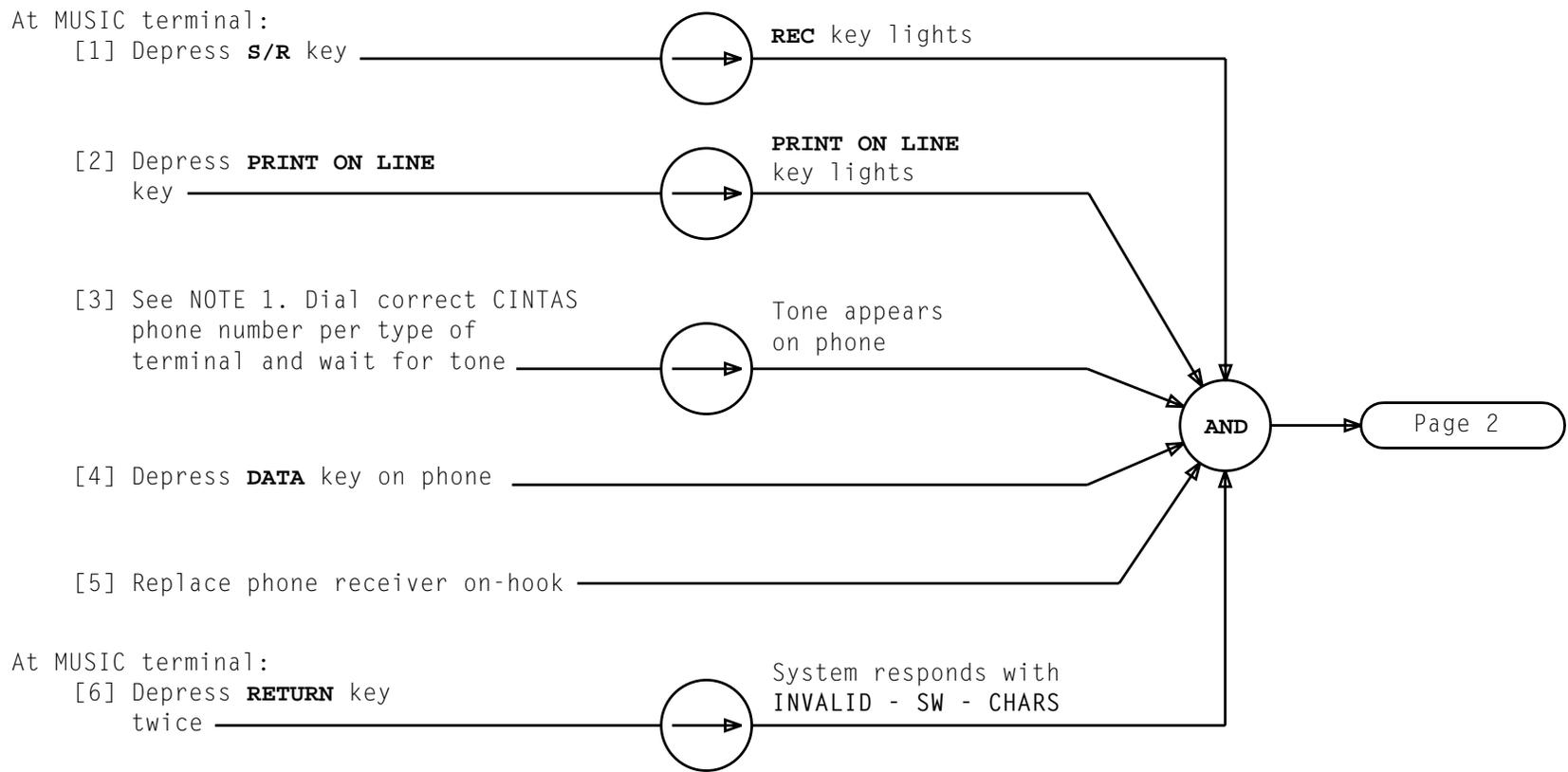
NONMODULAR

MESSAGES:
 CON/ITEM/MEMBER: 113/13 ..) 13STLSM00914T04T/C STATUS: RC/PND/PND
 MAC 01/CKT/DET

FIG. 2 - Sample CRT Header Display - Item Activated (Nonmodular)

ACTIVATE FIRST ITEM WITH ACTION CODE A

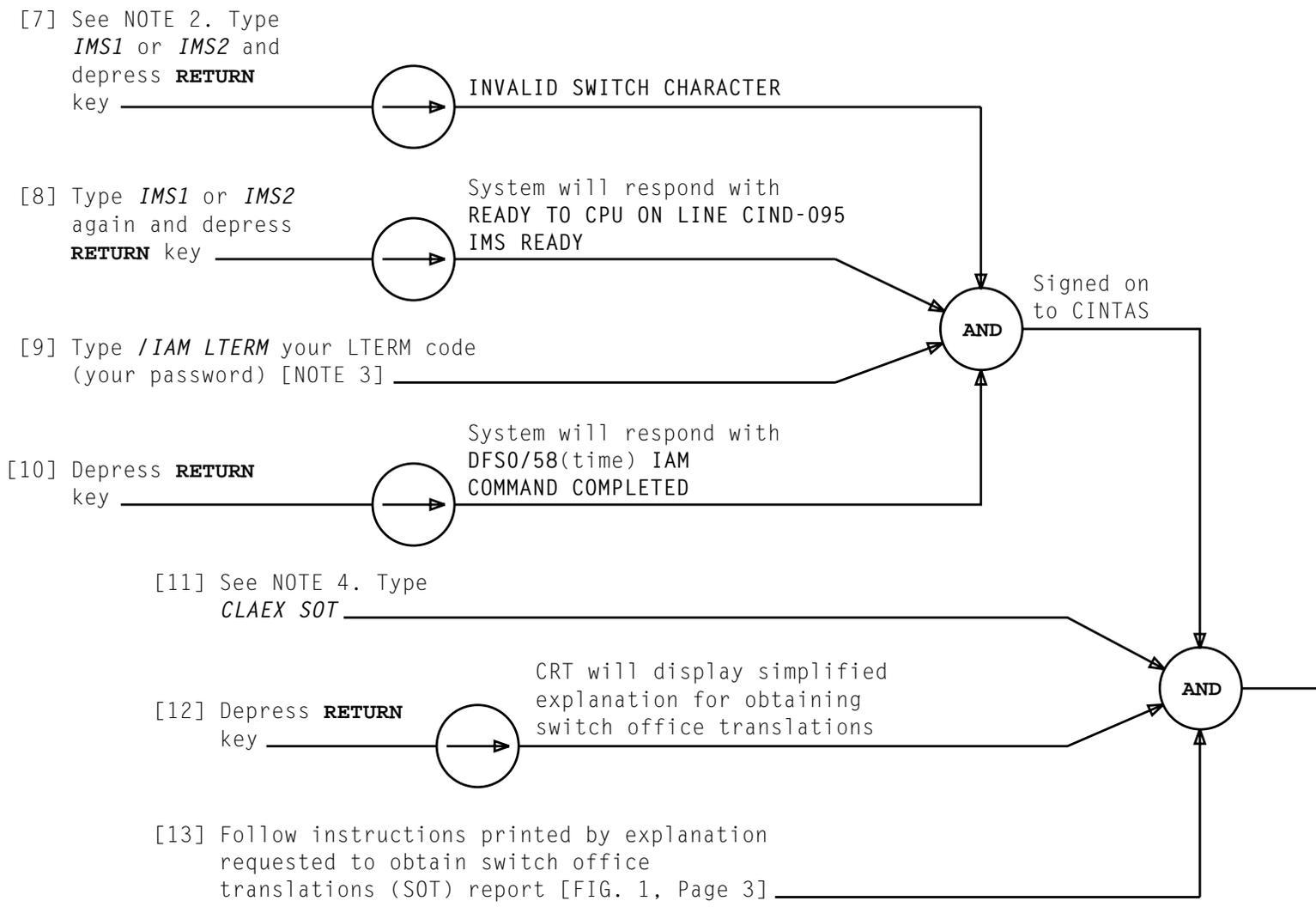
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NOTE 1
 If dataspeed 40/2 and 202 data set are being used, dial 513-352-8300. If dataspeed 40/2 and 212 dataset or any other teletypewriter is being used, dial 513-352-8316

OBTAIN SWITCH OFFICE TRANSLATIONS (SOT) FROM CINTAS USING DATASPEED 40/2 AND 202 DATASET OR DATASPEED 40/2 AND 212 DATASET

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NOTES

2. If dataspeed 40/2 and 202 data set are being used, enter IMS1. If dataspeed 40/2 and data set 212 is being used, enter IMS2
3. Obtain LTERM assignment and password from CINTAS system coordinator
4. By entering explanation request code CLAEX SOT, a simplified explanation will be obtained. If a more detailed level explanation is required, enter CLAEX SOTD

OBTAIN SWITCH OFFICE TRANSLATIONS (SOT) FROM CINTAS USING DATASPEED 40/2 AND 202 DATASET OR DATASPEED 40/2 AND 212 DATASET

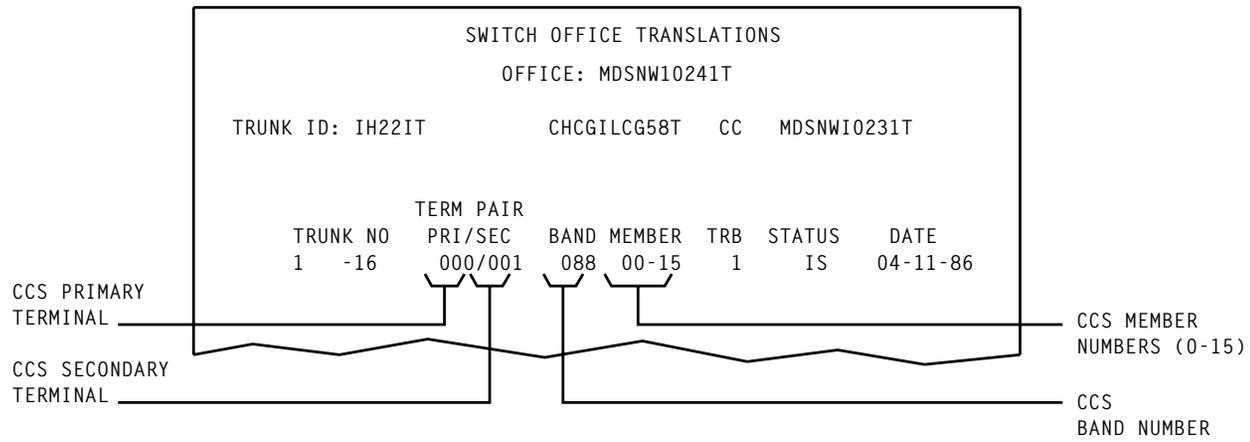


FIG. 1 - Sample Switch Office Translations (SOT) Report

OBTAIN SWITCH OFFICE TRANSLATIONS (SOT) FROM CINTAS USING DATASPEED 40/2 AND 202 DATASET OR DATASPEED 40/2 AND 212 DATASET

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[1] At CMS channel,
type CMS code
405

[2] Depress
S/R key

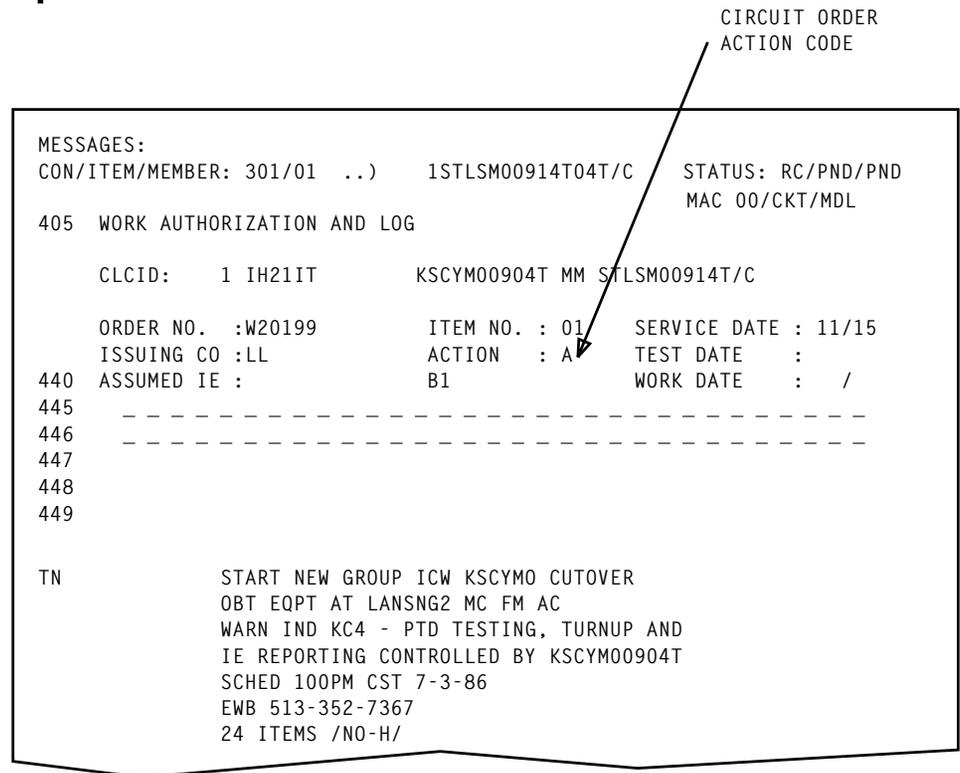
CRT displays
CMS Form 405

[3] Depress **PRINT**
LOCAL key

Form prints
out at receive
only printer

AND

[4] On printout of CMS 405 display
[FIG. 1] following **ACTION:**,
identify circuit order action code



```

MESSAGES:
CON/ITEM/MEMBER: 301/01 ..) 1STLSM00914T04T/C STATUS: RC/PND/PND
MAC 00/CKT/MDL

405 WORK AUTHORIZATION AND LOG

CLCID: 1 IH21IT KSCYM00904T MM STLSM00914T/C

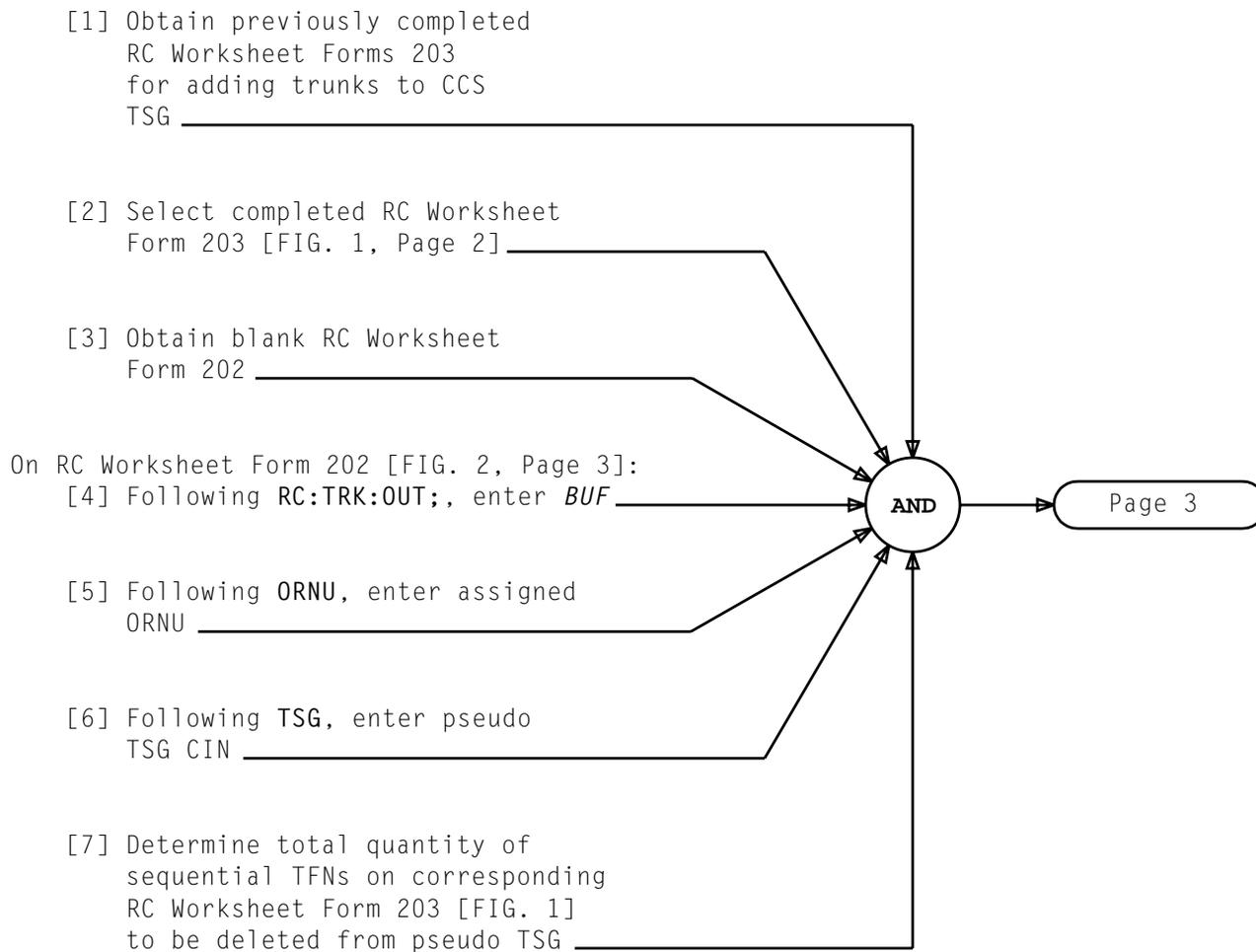
ORDER NO. :W20199 ITEM NO. : 01 SERVICE DATE : 11/15
ISSUING CO :LL ACTION : A TEST DATE :
440 ASSUMED IE : B1 WORK DATE : /
445 -----
446 -----
447 -----
448 -----
449 -----

TN START NEW GROUP ICW KSCYMO CUTOVER
OBT EQPT AT LANSNG2 MC FM AC
WARN IND KC4 - PTD TESTING, TURNUP AND
IE REPORTING CONTROLLED BY KSCYM00904T
SCHED 100PM CST 7-3-86
EWB 513-352-7367
24 ITEMS /NO-H/
  
```

FIG. 1 - Sample Printout of CMS 405 Display

IDENTIFY CIRCUIT ORDER ACTION CODE

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FORM 203 TG-4

ADD NEW CCS TRUNKS, ASSIGN TANs MANUALLY
4ESS SWITCH

RC:TRK;NEW;OPT(MANUAL,CCS), A C T:

ORNU 3 1 9 5 2 0.

ES N,

BTFN TOWN ST BL FBS NBS

TSG 1 S T L S M O 0 9 1 4 T 0 4 T,

PTERM 0,

STERM 1,

QTRK	FTFN	TSI	TAN			FTS	LABEL		FCIC	VCR	BBC	SCGA
			SPC	LVL			FBAND	FMEMN				
<u>1 6</u> ,	<u>1</u> ,	<u>0 1</u> ,	<u>1</u> ,	<u>6</u> ,	<u>0 0 1</u> ,	<u>0 0 1</u> ,	<u>0</u> ,					
---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---

REMARKS C O N 8 9 8 !

-----!

ECHO SUPPRESSOR MODE
(HALF, FULL, N [NO
ASSIGNMENT])

CIN OF CCS TSG

CCS/CCS7 PRIMARY
TERMINAL ASSIGNMENT
(NUMBERS 0 THRU 255)

CCS/CCS7 SECONDARY
TERMINAL ASSIGNMENT
(NUMBERS 0 THRU 255)

TAN AND LABEL ASSIGNMENT
FOR TFN 1

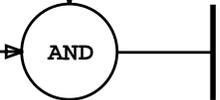
FIG. 1 - Sample of Partially Completed RC Worksheet Form 203

On Form 202 [FIG. 2]:

[8] Following FTFN, enter
lowest TFN to be deleted _____

[9] Following QTRK, enter total quantity
of sequential TFNs to be deleted from
pseudo TSG (not to exceed 120 per line) _____

[10] Following REMARKS, enter
CON followed by applicable
CON number _____



```

# FORM 202 TG-4                DELETE MESSAGE AND VFL TRUNKS
                                4ESS SWITCH

RC:TRK;OUT; B U F:

                                BTFN   TOWN   ST   BL   FBS   NBS
ORNU 3 1 9 5 1 2,                TSG   1  S T L S M 0  0 9  1 4 T  0 4 T,
QTRK  1 6,          FTFN   1,
REMARKS  C O N  1 1 1
          -----
          -----!
    
```

PSEUDO TSG
CIN

FIG. 2 - Sample of Completed RC Worksheet Form 202

1. Obtain blank copy of **4ESS SWITCH RECENT CHANGE LOG SHEET**

1.1 Carefully remove original [FIG. 1, Page 2] so that it can be returned to its place in TOP Volume

1.2 Obtain a few copies of log sheet (extra copies are for further use as needed)

1.3 Return original log sheet to its place in TOP Volume

End of procedure

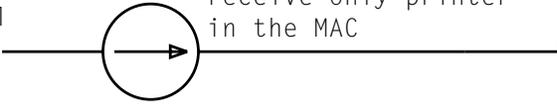
OBTAIN BLANK COPIES OF 4ESS SWITCH RECENT CHANGE LOG SHEET

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1. In order to efficiently control and process Recent Change Circuit Orders, a Recent Change Log Book should be established as follows:
 - 1.1 Obtain a ring binder and label it **4ESS SWITCH RECENT CHANGE LOG BOOK**
 - 1.2 Obtain blank copies of **4ESS SWITCH RECENT CHANGE LOG SHEET** [DLP-598] for use as needed
 - 1.3 Place completed log sheets in ring binder with the most recently filled out sheet (or latest Julian Date [DLP-561]) on top, so that the older Julian Date sheets are on the bottom
 - 1.4 Use the Recent Change Log Book for reference to show what has been completed and what is in process. The **4ESS SWITCH RECENT CHANGE LOG SHEET**, as used in this Volume, serves a useful purpose in controlling the process of entering recent changes into current translations

End of procedure

[1] Request CMSMC personnel
to generate 961 Report

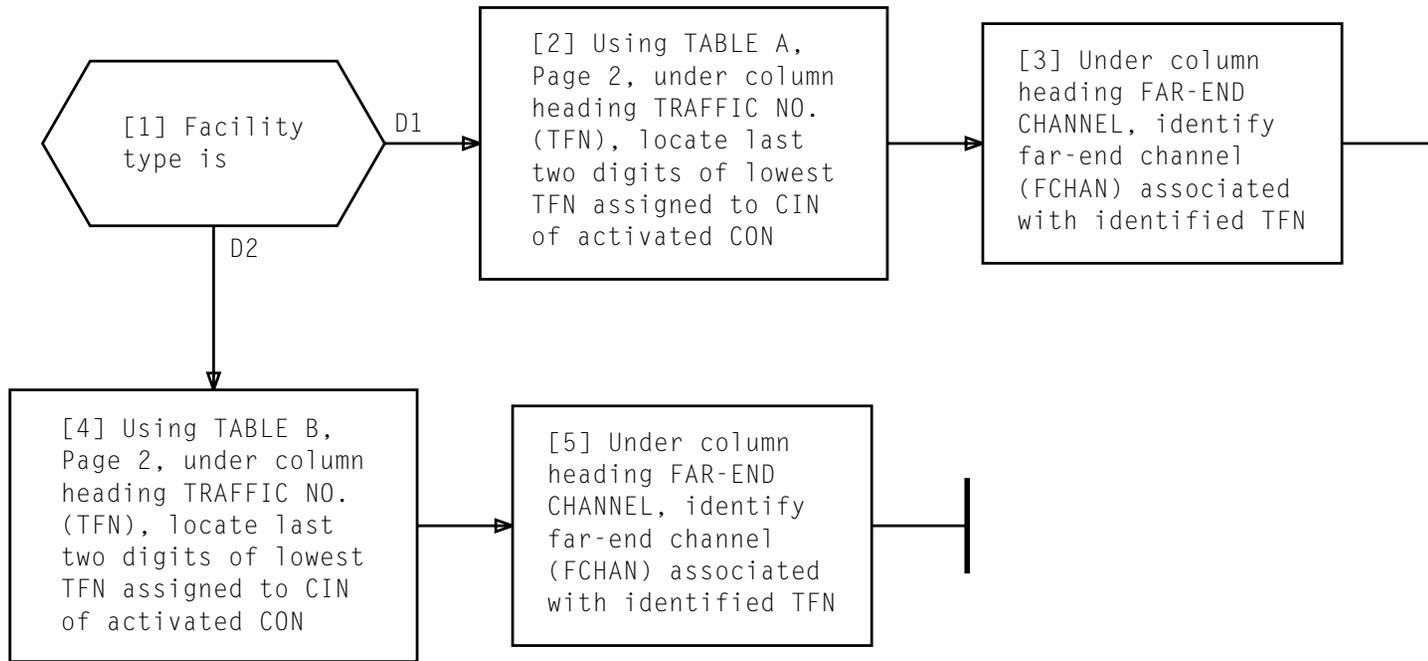


DATE - 08/30	TIME - 16:10	PAGE 01		
REPORT 961	CIRCUIT ORDER REPORT			
EARLIEST ITEM DUE DATE	CON ORDER NUMBER	CIN	# OF ITEMS	STATUS MAC/TEC/TOC
TRUNK GROUP 12/15/86	STLSM00914T04T 301 P47CCF	1STLSM00914T04T	24	CPD/WRK/WRK
TRUNK GROUP 01/12/87	CHCGILCL04T57T 473 126-9003A	1CHCGILCL04T04T	12	WRK/WRK/WRK
TRUNK GROUP 01/21/87	STLSM00914T04T 331 P47CCH	301STLSM00914T04T	12	WRK/WRK/WRK

FIG. 1 - Sample Printout of CMS 961 Report (Partial)

OBTAIN CMS 961 REPORT (CMS 206 WORKLIST SORTED BY DUE DATE)

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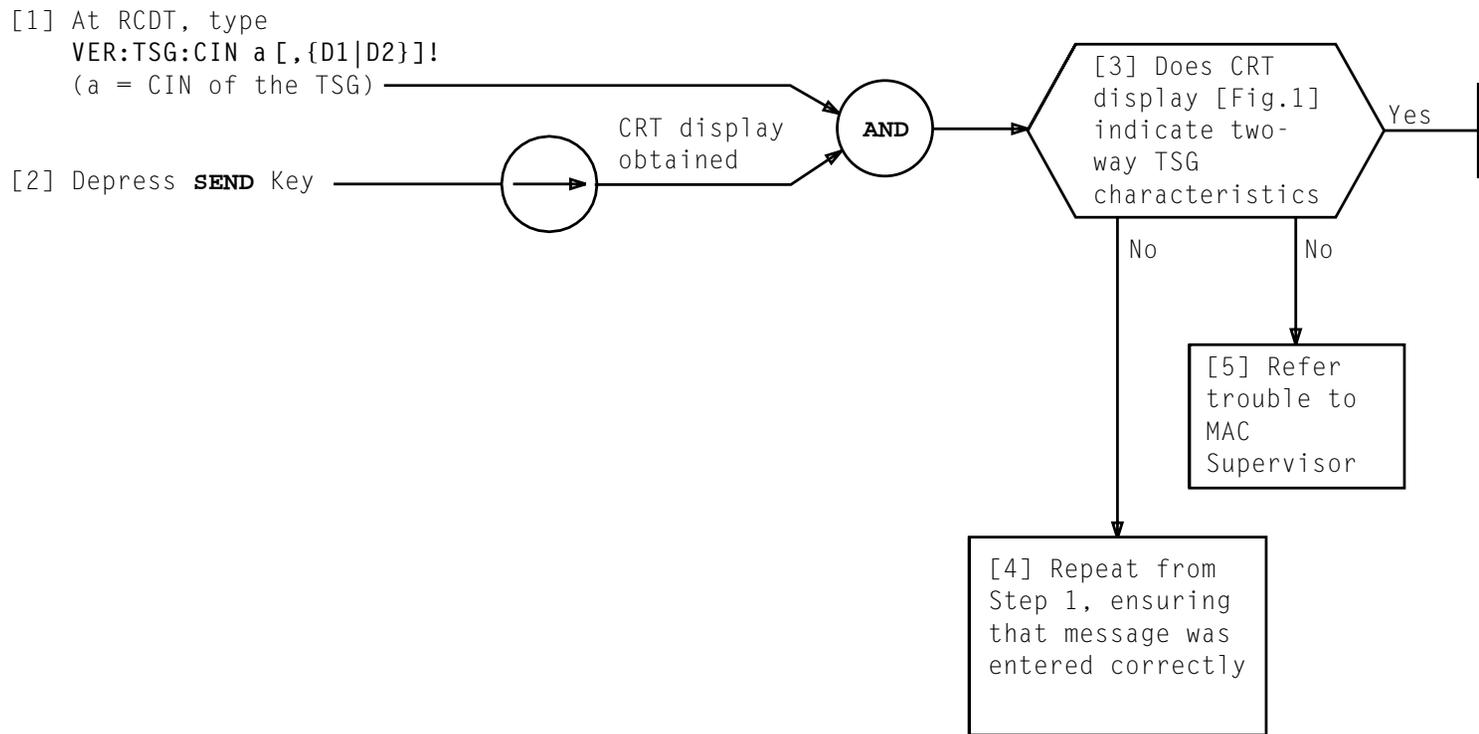
DETERMINE FAR-END CHANNEL (FCHAN)

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TABLE A - D1				
TRAFFIC NO.				FAR-END CHANNEL
01-24	25-48	49-72	73-96	
01	25	49	73	1
13	37	61	85	13
02	26	50	74	2
14	38	62	86	14
03	27	51	75	3
15	39	63	87	15
04	28	52	76	4
16	40	64	88	16
05	29	53	77	5
17	41	65	89	17
06	30	54	78	6
18	42	66	90	18
07	31	55	79	7
19	43	67	91	19
08	32	56	80	8
20	44	68	92	20
09	33	57	81	9
21	45	69	93	21
10	34	58	82	10
22	46	70	94	22
11	35	59	83	11
23	47	71	95	23
12	36	60	84	12
24	48	72	96	24

TABLE B - D2				
TRAFFIC NO.				FAR-END CHANNEL
01-24	25-48	49-72	73-96	
12	36	60	84	12
13	37	61	85	13
01	25	49	73	1
17	41	65	89	17
05	29	53	77	5
21	45	69	93	21
09	33	57	81	9
15	39	63	87	15
03	27	51	75	3
19	43	67	91	19
07	31	55	79	7
23	47	71	95	23
11	35	59	83	11
14	38	62	86	14
02	26	50	74	2
18	42	66	90	18
06	30	54	78	6
22	46	70	94	22
10	34	58	82	10
16	40	64	88	16
04	28	52	76	4
20	44	68	92	20
08	32	56	80	8
24	48	72	96	24

DETERMINE FAR-END CHANNEL (FCHAN)



```

                                BTFN TOWN ST BL FBS NBS
ORNU -----,                    TSG -----,
PCF ----, AOPC -----,          DPC -----,

FENCLASS -----, FENID -----,   TFG -, TSGBBC -, VDCAP ----, DATAF -,
FEAREA -----, FESWID -----,   EXSEQ -, FEPTY -,
QTFN ---,   TOT -----, SAT -,   DOM ----, ACD -, IT -,
FENPA ---,  FEOFC ---, FELATA ---, FESC6 -, IWZ1 -, LSST --,
MEM -,     PSES -,   INSEP ---,   MTSC --, GNSC -, GEOSEP --,

```

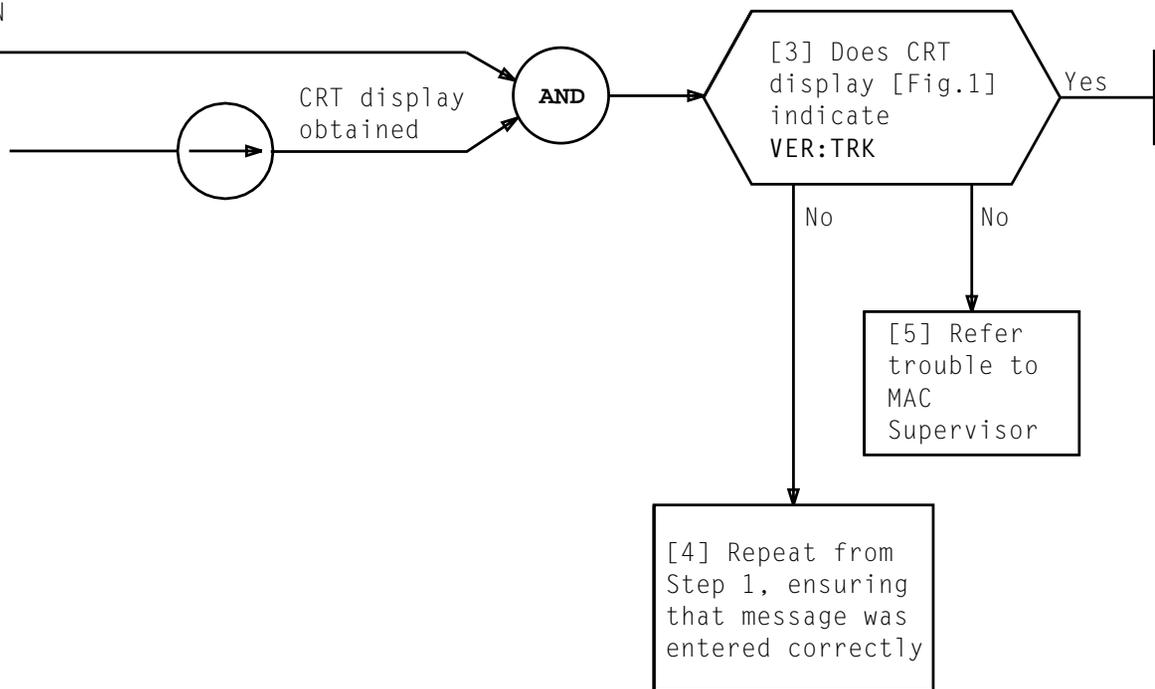
FIG. 1 – Sample CRT Display – Output Verify Message

VERIFY TSG CHARACTERISTICS

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[1] At RCDT, type
 VER:TRK:TAN n[-n]!
 (n = Decimal TAN
 or range)

[2] Depress **SEND** Key

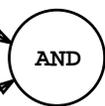


VER:TRK: BTFN TOWM IL BL FBS NBS

FIG. 1 - Sample CRT Display - Output Verify Message

[1] At RCDT, type
 SET:TRKSTAT CAD.DSA, CIN a:TSG!
 (a = Circuit Identification Name)

[2] Depress **SEND** Key



Yes → Page 2

No

No

[5] Refer trouble to MAC Supervisor

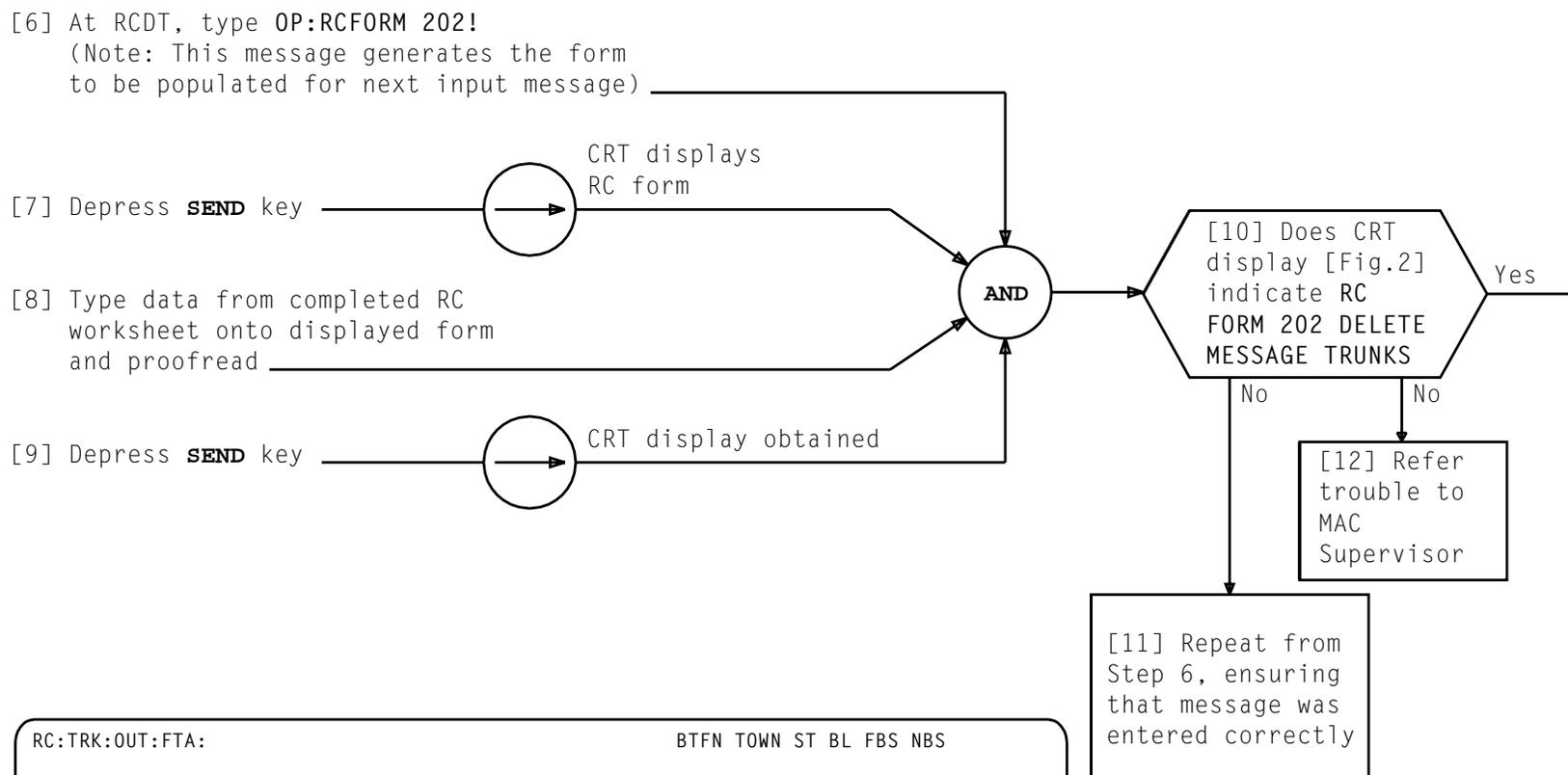
[4] Repeat from Step 1, ensuring that message was entered correctly

SET:TRKSTAT CAD.DSA<MAN> TRAF < *ICT* X > , CIN 1 NAPV IL BL 03T LAB

FIG. 1 - Sample CRT Display - Output Message

REMOVE ALL TSG MEMBERS FROM SERVICE

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```

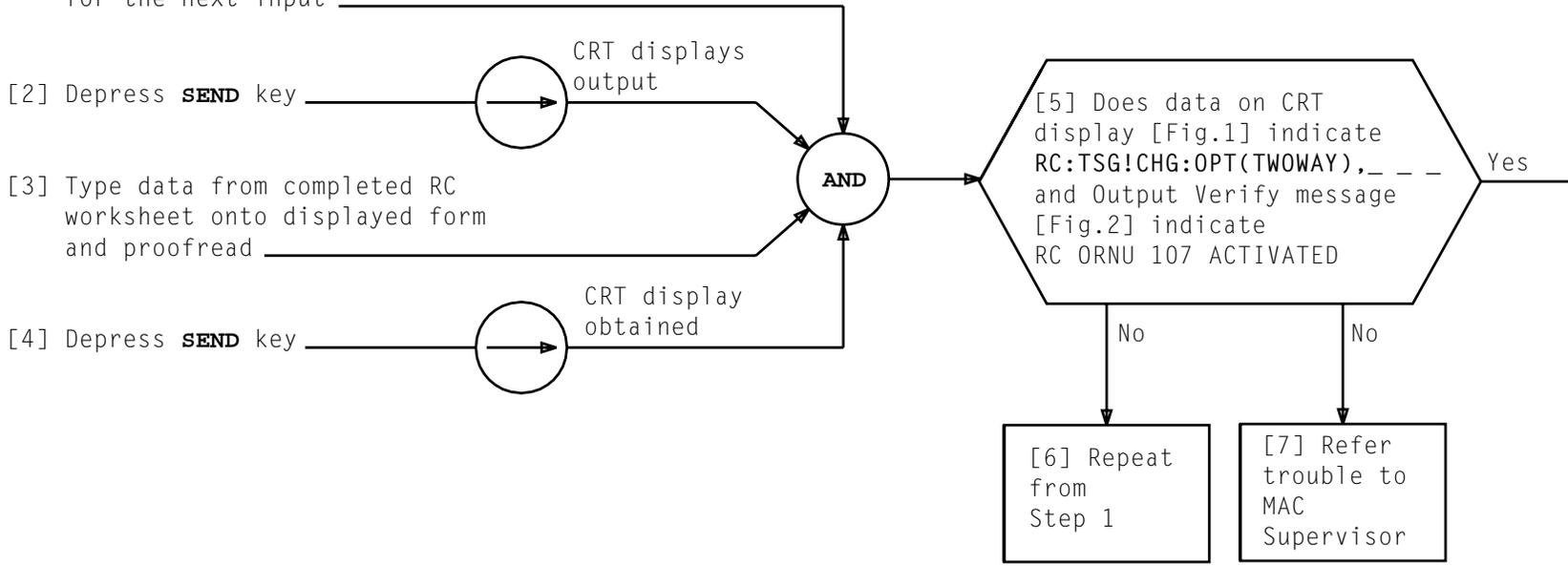
RC:TRK:OUT:FTA:          BTFN TOWN ST BL FBS NBS
ORNU      101
                    TSG   1 NAPV IL BL 03T LAB,
QTRK      FTFN
120,      1
---,      ---,
---,      ---,
---,      ---,
REMARKS -----,
  
```

FIG. 2 - Sample CRT Display - RC Form 202

REMOVE ALL TSG MEMBERS FROM SERVICE

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[1] At RCDT, type
OP:RCFORM 107!
 This message generates the
 RC form to be populated
 for the next input



```

RC:TSG;CHG;OPT(TWOWAY), FTA:
ORNU 107,
PCF _ _ , AOPC _ _ _ _ _ ,
BTFN TOWN ST BL FBS NBS
TSG _ _ _ 1 N A P V I L B L 0 3 T L A B,
DPC _ _ _ _ _ ,
FENCLASS _ _ _ _ , FENID _ _ _ _ , TFG _ , TSGBBC _ , VDCAP _ _ _ _ , DATAF _ ,
FEAREA _ _ _ _ _ , FESWID _ _ _ _ _ , EXSEQ _ , FEPTY _ ,
C1WTO2W _ , TOT _ _ _ _ , SAT _ , DOM _ _ _ , ACD _ , IT _ ,
FENPA _ _ , FEOFC _ _ _ , FELATA _ _ , FESC6 _ , IWZ1 _ , LSST _ _ ,
MEM _ , PSES _ , INSEP _ _ , MTSC _ , GNSC _ , GEOSEP _ _ ,
  
```

FIG. 1 - Sample of Partially Completed RC Worksheet Form 107

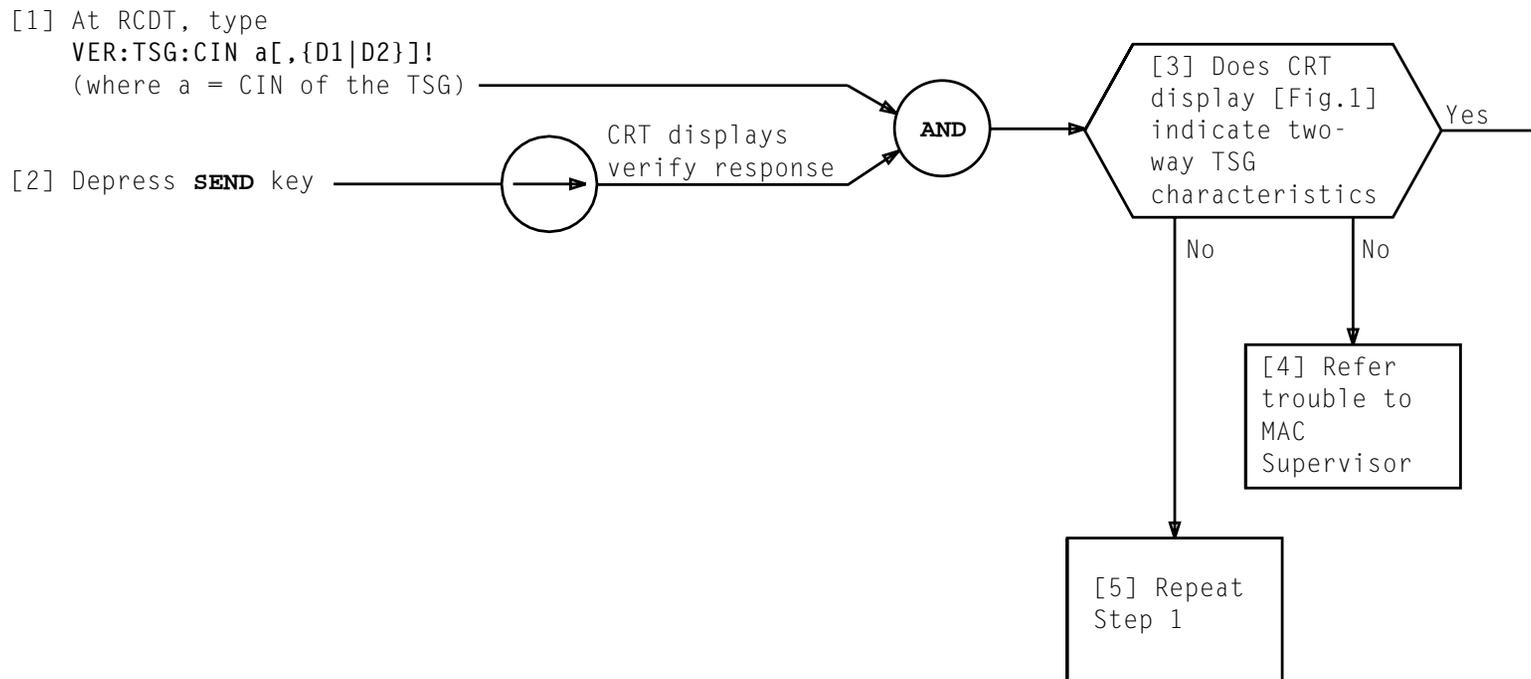
```

RC ORNU 107 ACTIVATED
  
```

FIG. 2 - Sample CRT Display - Output Verify Message

CHANGE MF TSG SIGNALING CHARACTERISTICS TO CCS7 ISUP SIGNALING CHARACTERISTICS

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```

VER:TSG,OPT(TWOWAY):                BTFN TOWN ST BL FBS NBS

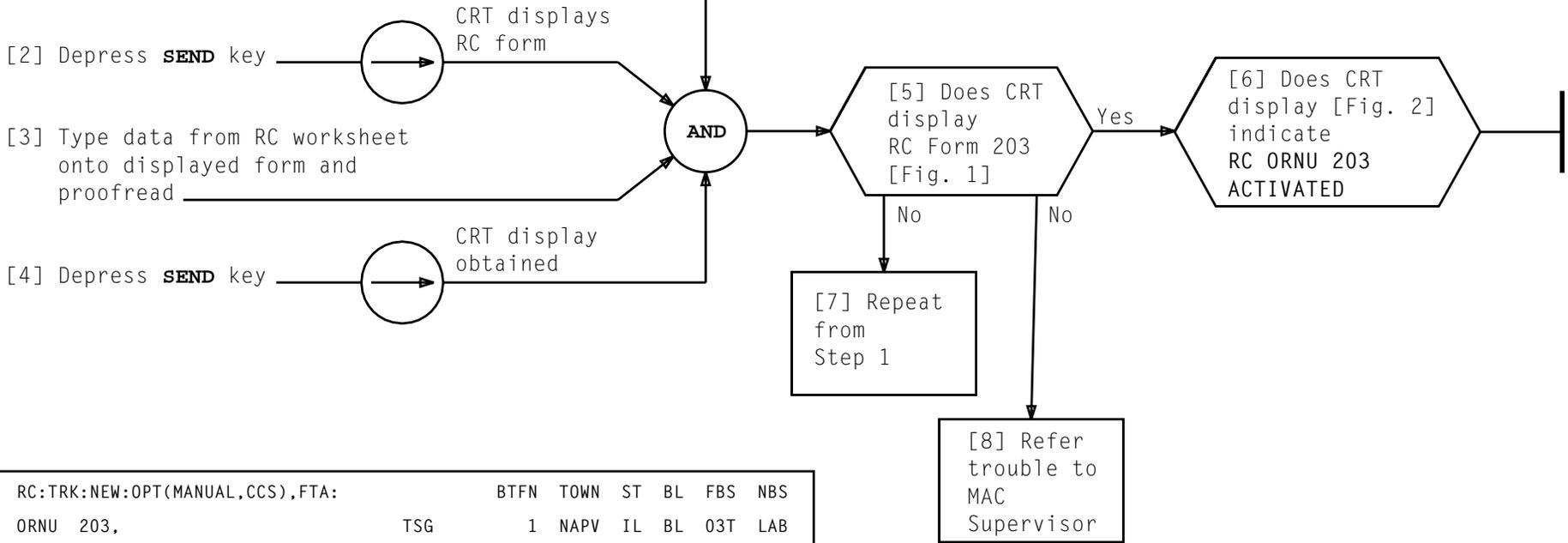
TSG  1 NAPV IL BL 03T LAB,
PCF ----, AOPC -----,
DPC -----,
FENCLASS ----, FENID ----,
TFG -, TSGBBC -, VDCAP ----, DATAF -,
FEAREA ----, FESWID ----,
EXSEQ -, FEPTY -,
C1WT02W -, TOT ----, SAT -,
DOM ----, ACD -, IT -,
FENPA ---, FEOFC ---, FELATA ---,
FESC6 -, IWZ1 -, LSST --,
MEM -, PSES -, INSEP ---,
MTSC --, GNSC -, GEOSEP --,
  
```

FIG. 1 Sample CRT Display - Output Verify Message

VERIFY TSG CHARACTERISTICS

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[1] At RCDT, type OP:RCFORM 203!
 (NOTE: This input generates the RC form to be populated for the next input message)



```

RC:TRK:NEW:OPT(MANUAL,CCS),FTA:          BTFN TOWN ST BL FBS NBS
ORNU 203,                                TSG      1 NAPV IL BL 03T LAB
ES N,                                     PTERM *,
  
```

FIG. 1 - Sample CRT Display - RC Form 203

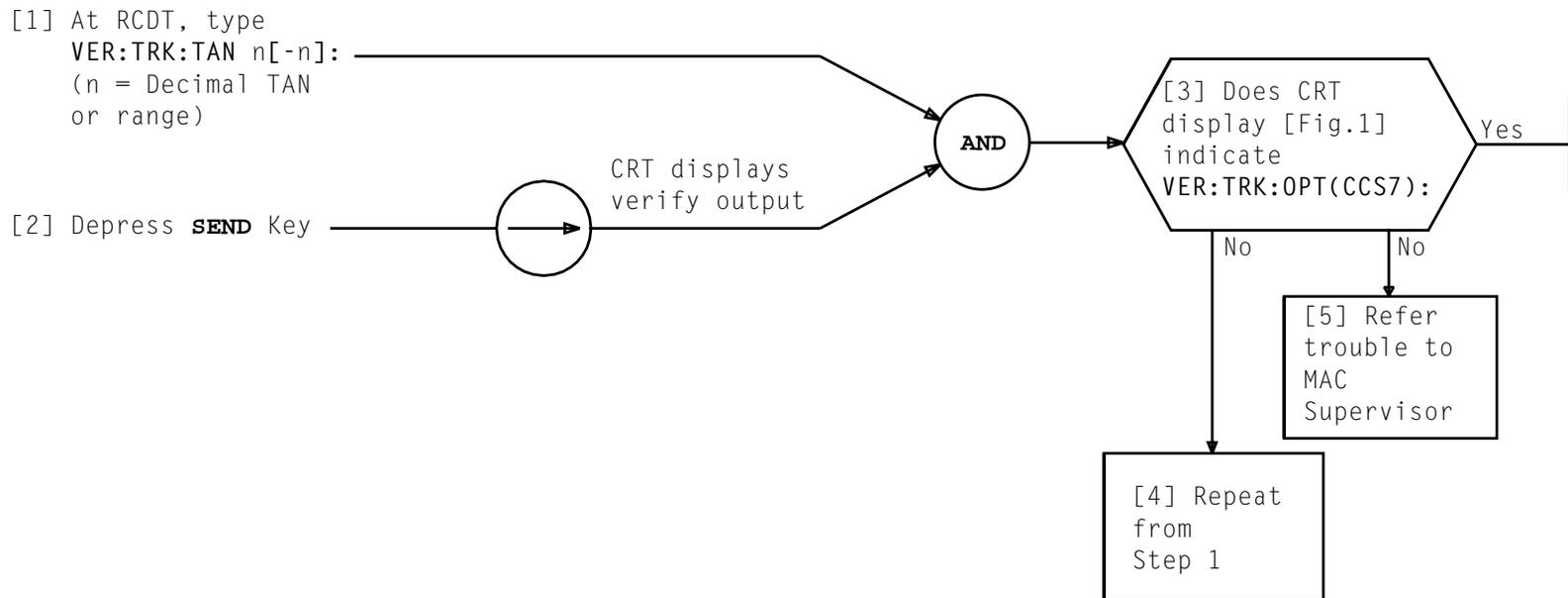
```

RC ORNU 203 ACTIVATED
  
```

FIG. 2 - Sample CRT Display - Output Verify Message

ADD ALL MEMBERS BACK TO TSG

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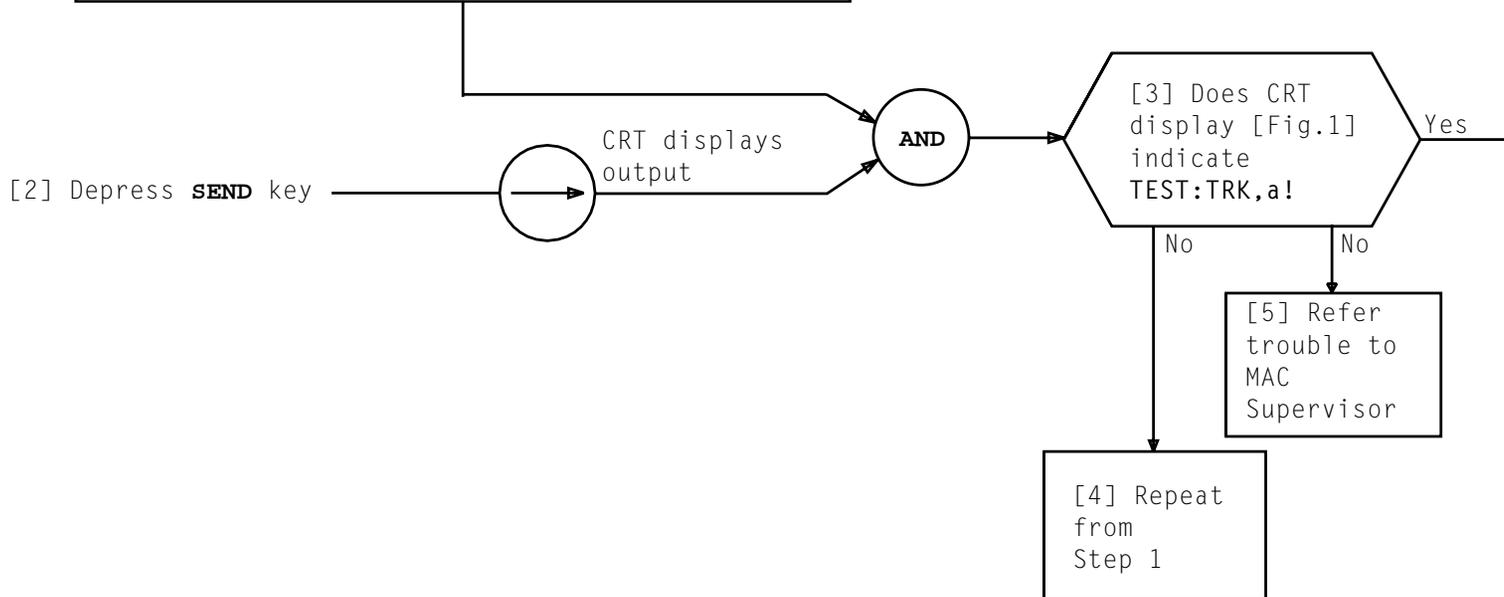
```

VER:TRK:OPT(CCS7):                                BTFN TOWN ST BL FBS NBS
ES      N,                                         TSG   1 NAPV IL BL 03T LAB,
QTRK    FTFN      TSI  SPC  LVL  FTS   VCR  BBC    STATUS
120,    1         13.  0,   1,   001,   0,   0,    ASN,
  
```

FIG. 1 - Sample CRT Display - Output Verify Message

[1] At RCDT, type
 TEST:TRK,{TANb|CINc|TSNd};N[:TSG[,STAT;][,CCS7CONV]]!

NOTE: This message performs (3) different tests.
 (1) Checks the status of call processing state and maintenance state of each TSG member
 (2) Compares Traffic Number, Office Name, and Trunk Glare characteristics of both ends
 (3) Checks the continuity of the voice path

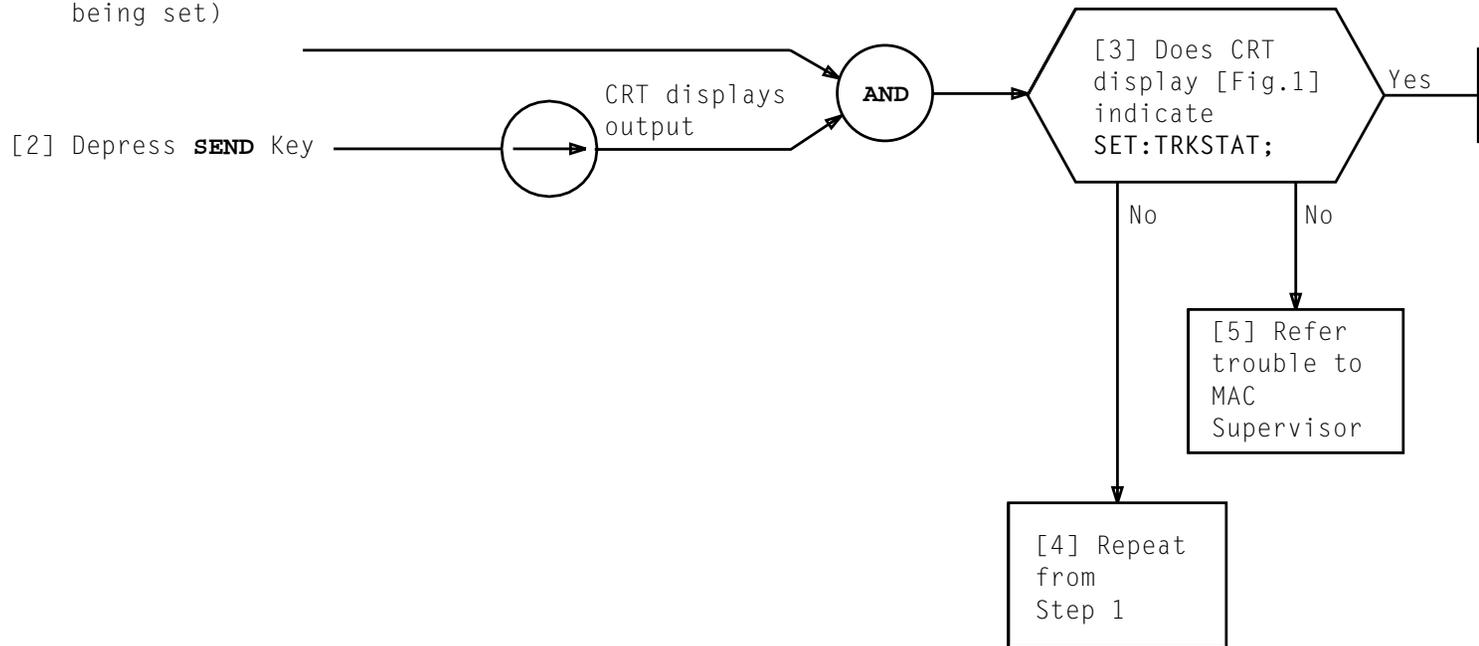


TEST:TRK,CIN 1 NAPV IL BL 03T LAB;CCK , ATP

FIG. 1 - Sample CRT Display - Output Test Message

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[1] At RCDT, type
SET:TRKSTAT a!
 (where a = Trunk state
 being set)



```

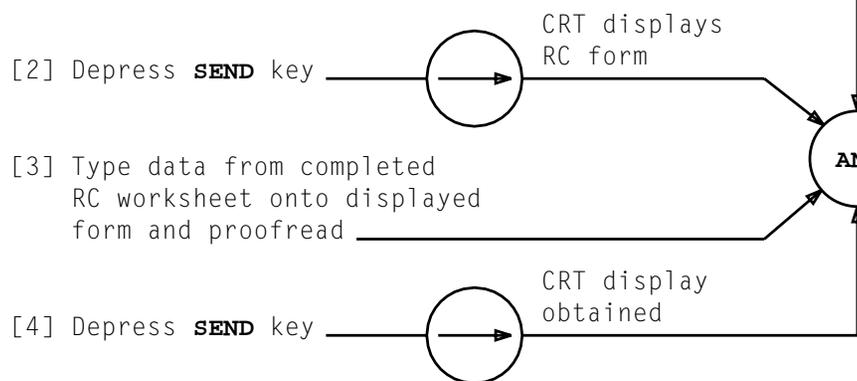
SET:TRKSTAT  ACT<MAN> TRAF < IDLE X > ,  CIN 1 NAPV IL BL 03T LAB
  
```

FIG. 1 - Sample CRT Display - Output Test Message

ACTIVATE TSG MEMBERS (SET:TRKSTAT!)

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[1] At RCDT, type
OP:RCFORM100!
 (This input message
 generates the RC form
 to be populated for the
 next input message)



[3] Type data from completed
 RC worksheet onto displayed
 form and proofread

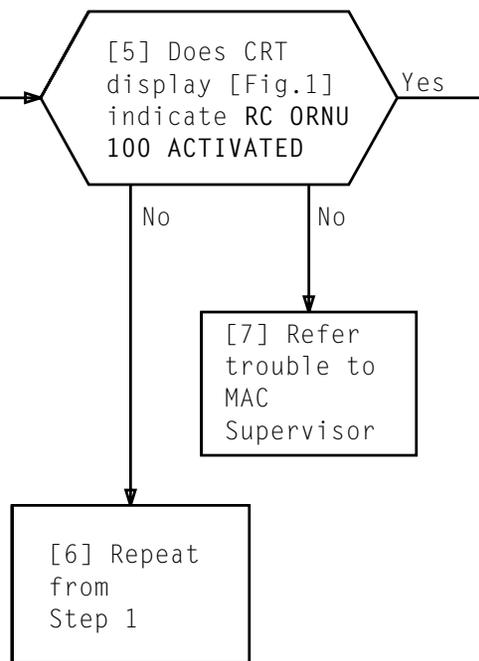
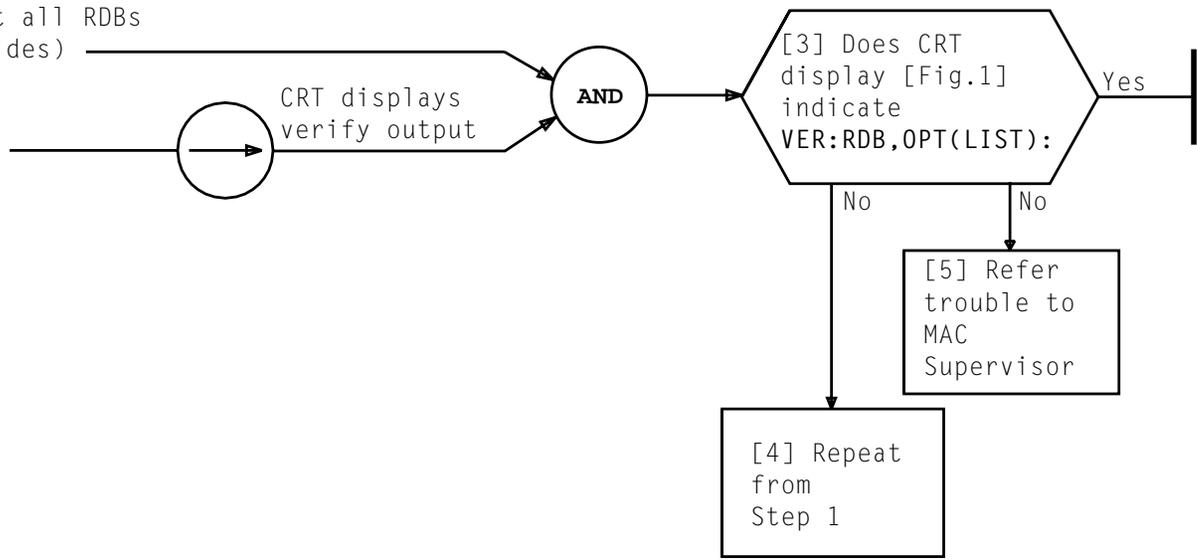


FIG. 1 - Sample CRT Display -
 RC ORNU 100 ACTIVATED

[1] At RCDT, type
VER:RDBLIST:ALL!
 (where ALL = list all RDBs
 in which TSG resides)

[2] Depress **SEND** key



VER:RDB,OPT(LIST):					BTFN TOWN ST BL FBS NBS				
					1 NAPV IL BL 03T LAB,				
RDBI	TG	DEL	PREFIX	DHRTYPE	RDBI	TG	DEL	PREFIX	DHRTYPE
W	2	3	0		X	1	1	2	
Y	3	0	0		Z	1	0	0	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

FIG. 1 - Sample CRT Display - Output Verify Message

IDENTIFY ALL RDBs THAT CONTAIN OLD TSG

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[1] At RCDT, type
OP:RCFORM513!
 (This input message
 generates the RC Form 513
 to be used in the
 next input message)

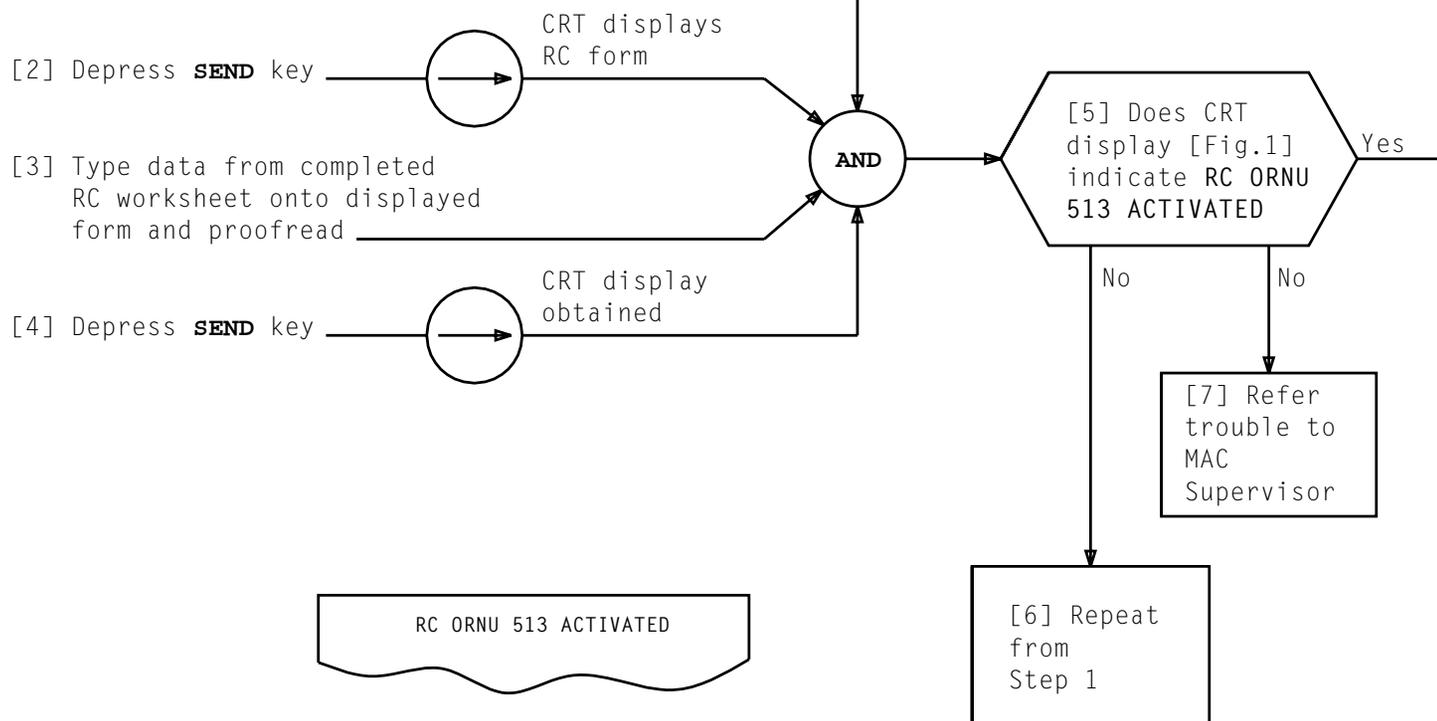


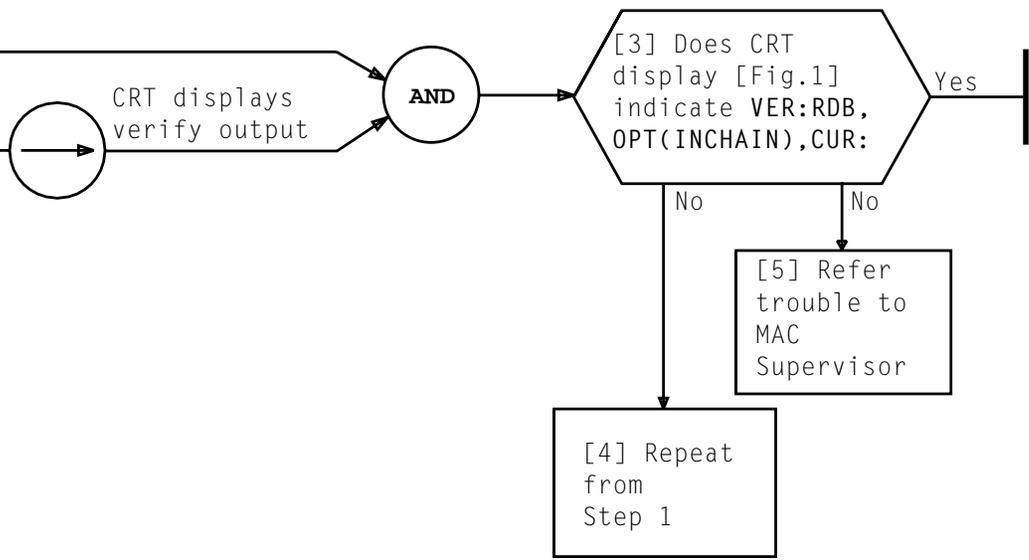
FIG. 1 - Sample CRT Display -
 RC ORNU 513 ACTIVATED

ADD NEW TSG TO ALL RDBs THAT CONTAIN OLD TSG

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[1] At RCDT, type
 VER:RDB:RDBI w!
 (where w = RDB index
 [4 thru 8191])

[2] Depress **SEND** Key



```

VER:RDB,OPT(INCHAIN),CUR:                                RDBI W,
ADC (---,)
BTFN  TOWN  ST  BL  FBS  NBS          DEL          PREFIX          DHRRTYPE
1000  EAST  VA  BA  01T  02T          0              ,              ,
1     NAPV  IL  BL  03T  LBA          3              ;              ;
1     NAPV  IL  BL  03T  LAB          3              ;              ;
  
```

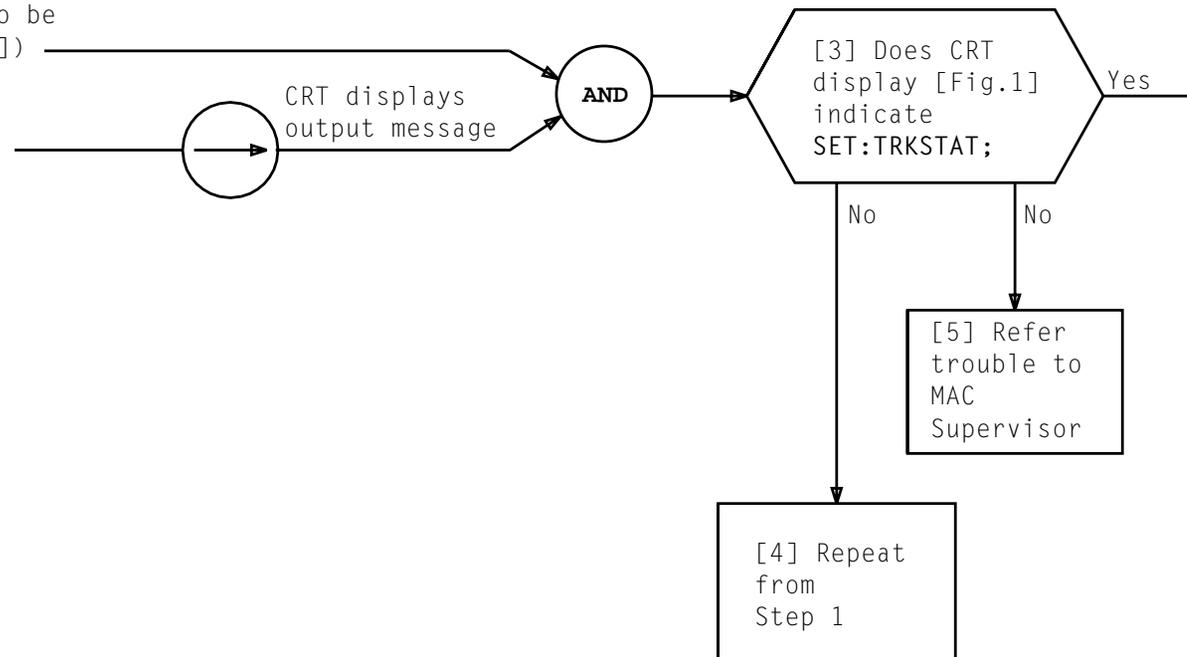
FIG. 1 - Sample CRT Display - Output Verify Message

**VERIFY ALL RDBs TO ENSURE THAT NEW TSG
 HAS BEEN ADDED ABOVE OLD TSG**

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[1] At RCDT, type
 SET:TRKSTAT CAD.DSA,CIN a:TSG
 (a = Circuit Identification Number)
 (Note: This input message
 has to be entered for each
 member that is to be
 moved [converted])

[2] Depress **SEND** key



```

SET:TRKSTAT CAD.DSA<MAN> TRAF < *ICT* X > ,   CIN 1 NAPV IL BL 03T LAB
  
```

FIG. 1 - Sample CRT Display - Output Message

REMOVE AS MANY TSG MEMBERS FROM SERVICE AS ALLOWED

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[1] At RCDT, type
OP:RCFORM 202!
 (This input message
 generates the RC form
 to be populated for the
 next input message)

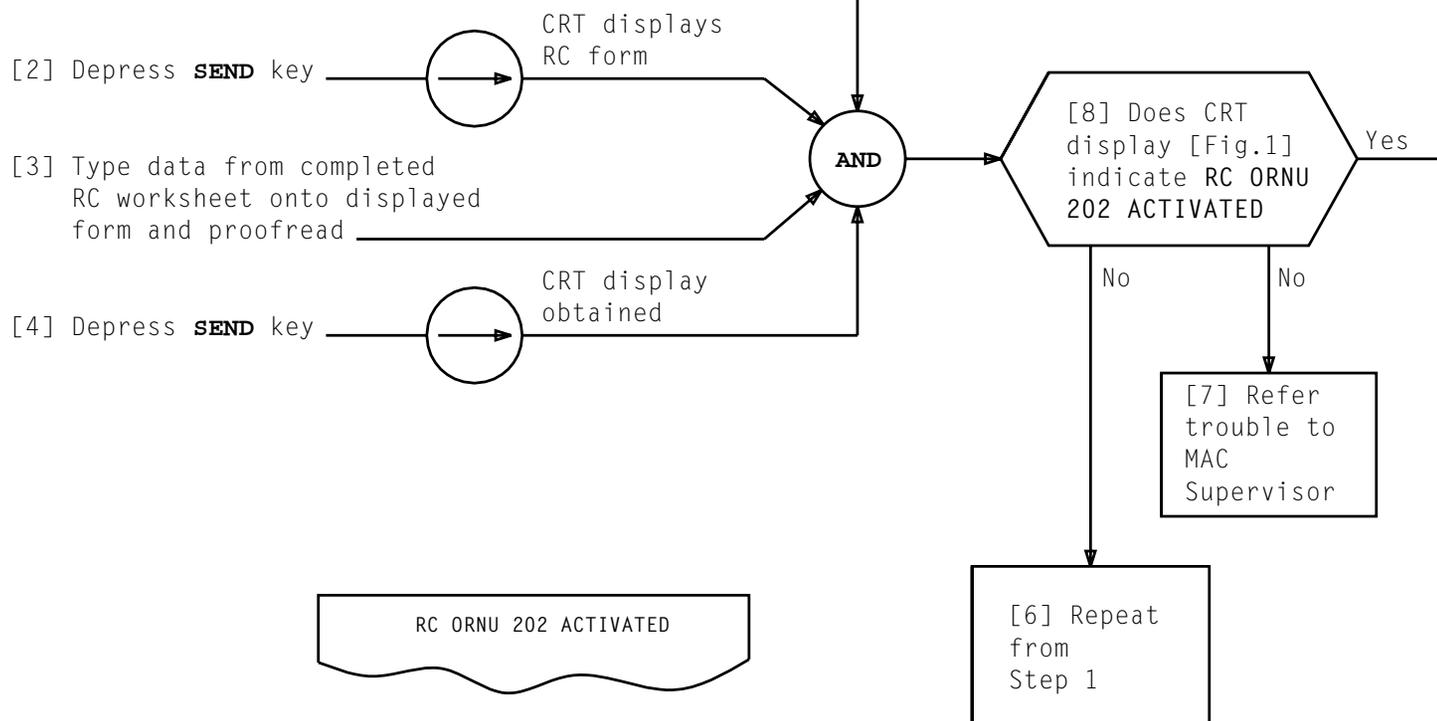
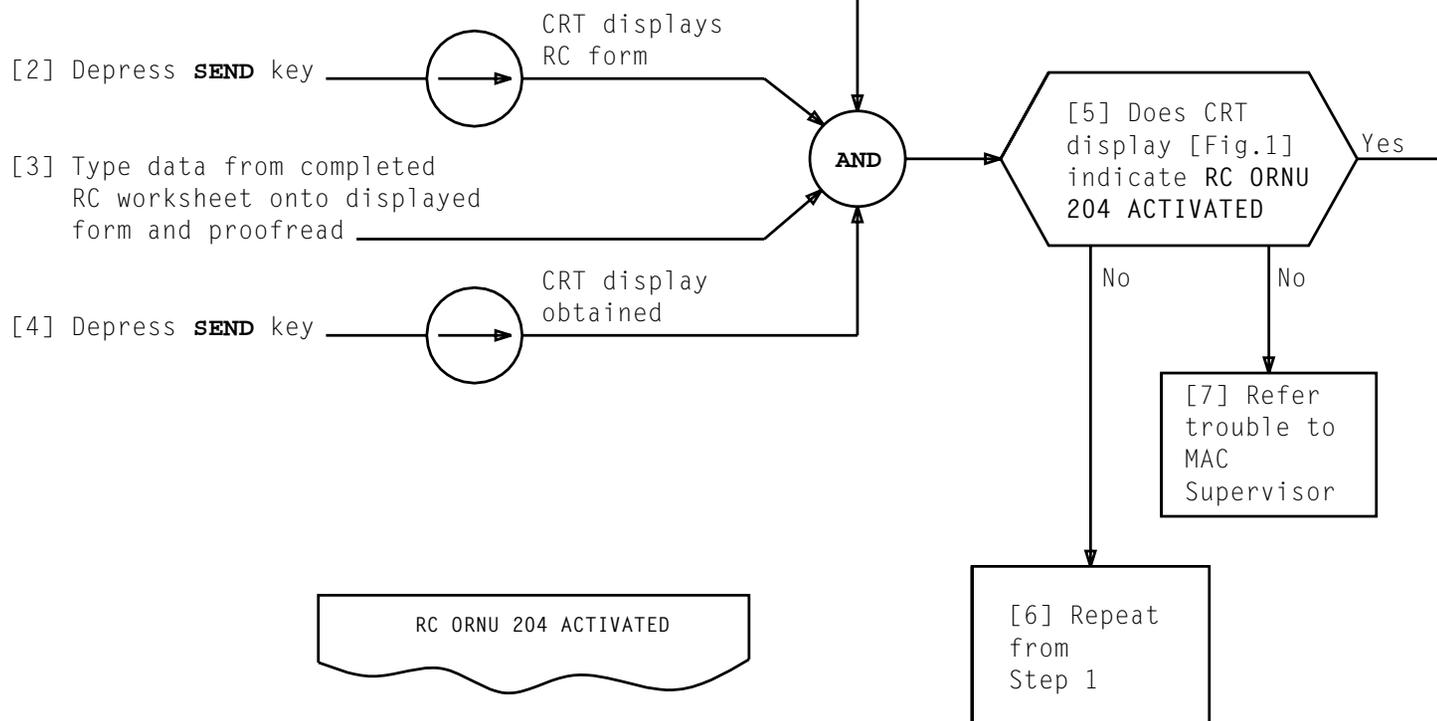


FIG. 1 - Sample CRT Display - Output Message

REMOVE TSG MEMBERS FROM OLD TSG

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[1] At RCDT, type
OP:RCFORM 204!
 (This input message
 generates the RC form
 to be populated for the
 next input message)



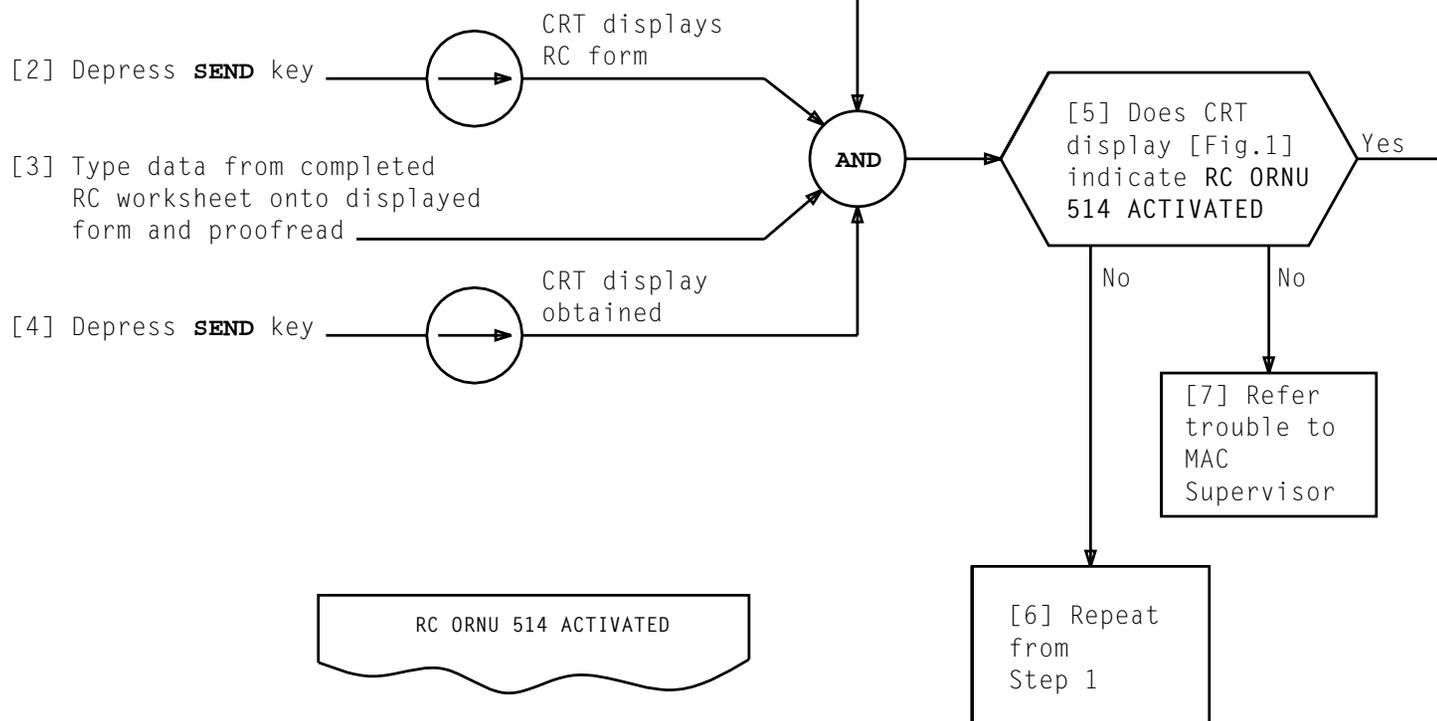
RC ORNU 204 ACTIVATED

FIG. 1 - Sample CRT Display - Output Message

ADD TSG MEMBERS REMOVED TO NEW TSG

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[1] At RCDT, type
OP:RCFORM 514!
 (This input message
 generates the RC form
 to be populated for the
 next input message)



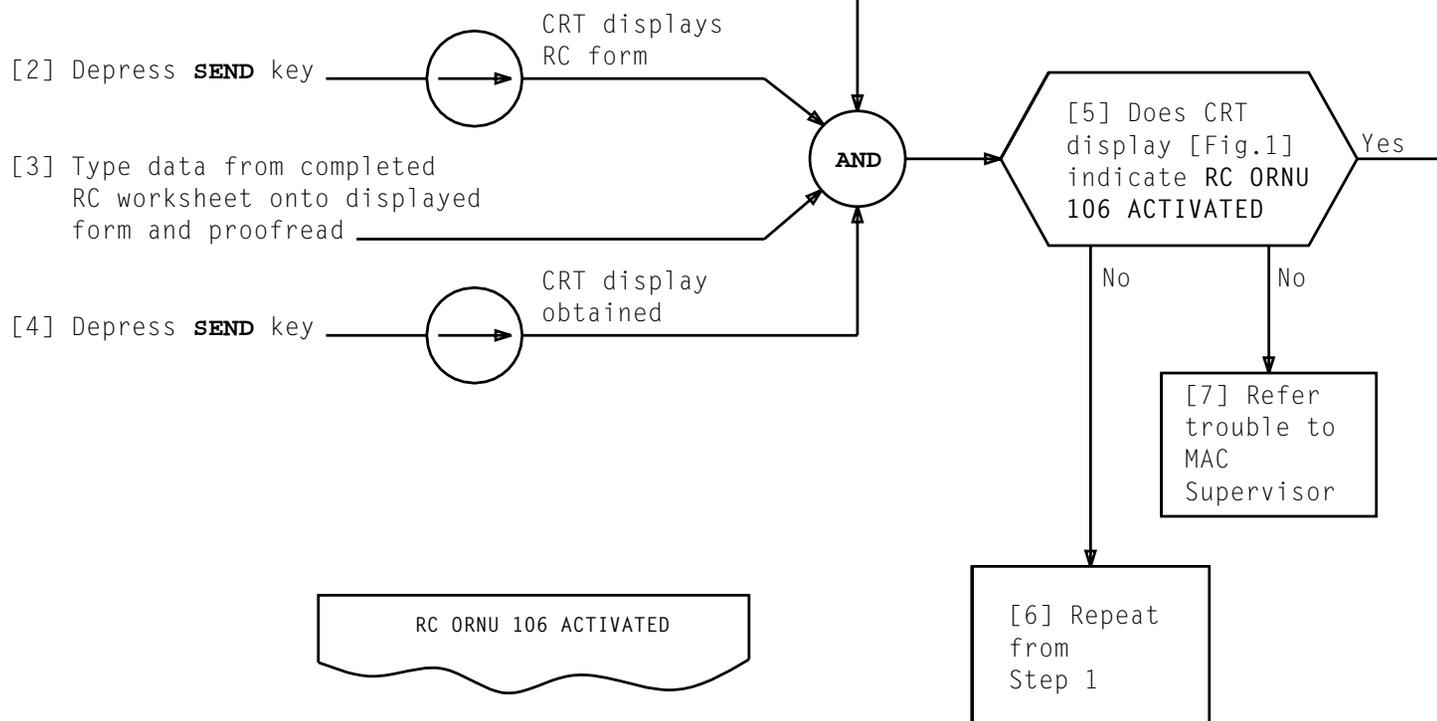
RC ORNU 514 ACTIVATED

FIG. 1 - Sample CRT Display - Output Message

REMOVE OLD MF TSG FROM ALL RDBs

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[1] At RCDT, type
OP:RCFORM 106!
 (This input message
 generates the RC form
 to be populated for the
 next input message)



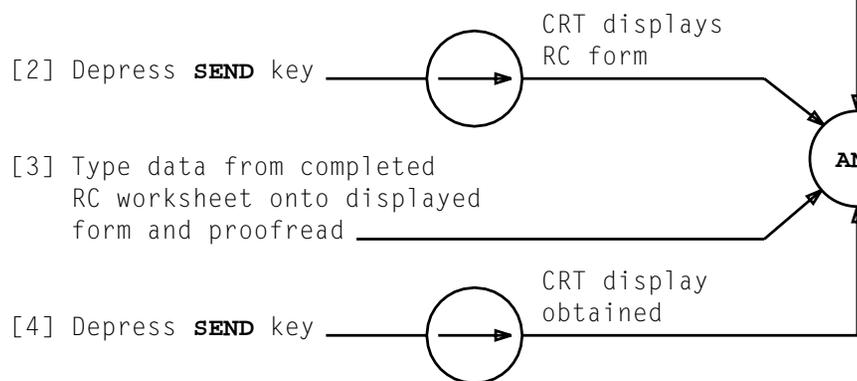
RC ORNU 106 ACTIVATED

FIG. 1 - Sample CRT Display - Output Message

DELETE OLD MF TSG

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[1] At RCDT, type
OP:RCFORM 802!
 (This input message
 generates the RC form
 to be populated for the
 next input message)



[3] Type data from completed
 RC worksheet onto displayed
 form and proofread

RC ORNU 802 ACTIVATED

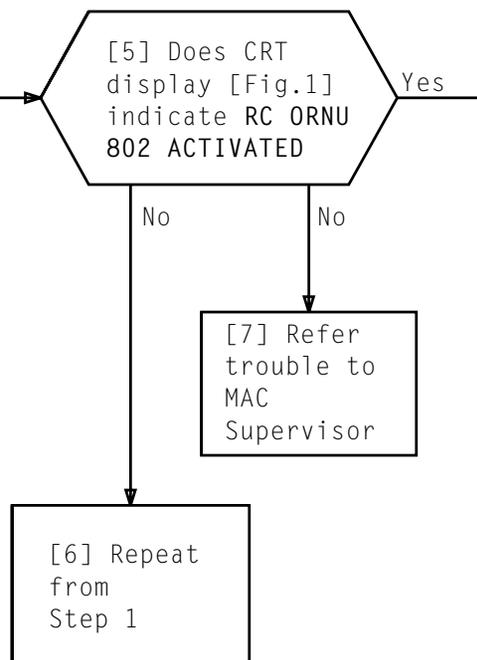


FIG. 1 - Sample CRT Display - Output Message

CHANGE NEW TSG NAME TO OLD TSG

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DPC CLUSTER

CL	CR/CT										
001 = 00-1		002 = 00-2		003 = 00-3		004 = 00-4		005 = 00-5		006 = 00-6	
007 = 00-7		008 = 01-1		009 = 01-1		010 = 01-2		011 = 01-3		012 = 01-4	
013 = 01-5		014 = 01-6		015 = 01-7		016 = 02-0		017 = 02-1		018 = 02-2	
019 = 02-3		020 = 02-4		021 = 02-5		022 = 02-6		023 = 02-7		024 = 03-0	
025 = 03-1		026 = 03-2		027 = 03-3		028 = 03-4		029 = 03-5		030 = 03-6	
031 = 03-7		032 = 04-0		033 = 04-1		034 = 04-1		035 = 04-3		036 = 04-4	
037 = 04-5		038 = 04-6		039 = 04-7		040 = 05-0		041 = 05-1		042 = 05-2	
043 = 05-3		044 = 05-4		045 = 05-5		046 = 05-6		047 = 05-7		048 = 06-0	
049 = 06-1		050 = 06-2		051 = 06-3		052 = 06-4		053 = 06-5		054 = 06-6	
055 = 06-7		056 = 07-0		057 = 07-1		058 = 07-2		059 = 07-3		060 = 07-4	
061 = 07-5		062 = 07-6		063 = 07-7		064 = 08-0		065 = 08-1		066 = 08-2	
067 = 08-3		068 = 08-4		069 = 08-5		070 = 08-6		071 = 08-7		072 = 09-0	
073 = 09-1		074 = 09-2		075 = 09-3		076 = 09-4		077 = 09-5		078 = 09-6	
079 = 09-7		080 = 10-0		081 = 10-1		082 = 10-2		083 = 10-3		084 = 10-4	
085 = 10-5		086 = 10-6		087 = 10-7		088 = 11-0		089 = 11-1		090 = 11-2	
091 = 11-3		092 = 11-4		093 = 11-5		094 = 11-6		095 = 11-7		096 = 12-0	
097 = 12-1		098 = 12-2		099 = 12-3		100 = 12-4		101 = 12-5		102 = 12-6	
103 = 12-7		104 = 13-0		105 = 13-1		106 = 13-2		107 = 13-3		108 = 13-4	
109 = 13-5		110 = 13-6		111 = 13-7		112 = 14-0		113 = 14-1		114 = 14-2	
115 = 14-3		116 = 14-4		117 = 14-5		118 = 14-6		119 = 14-7		120 = 15-0	
121 = 15-1		122 = 15-2		123 = 15-3		124 = 15-4		125 = 15-5		126 = 15-6	
127 = 15-7		128 = 16-0		129 = 16-1		130 = 16-2		131 = 16-3		132 = 16-4	
133 = 16-5		134 = 16-6		135 = 16-7		136 = 17-0		137 = 17-1		138 = 17-2	
139 = 17-3		140 = 17-4		141 = 17-5		142 = 17-6		143 = 17-7		144 = 18-0	
145 = 18-1		146 = 18-2		147 = 18-3		148 = 18-4		149 = 18-5		150 = 18-6	
151 = 18-7		152 = 19-0		153 = 19-1		154 = 19-2		155 = 19-3		156 = 19-4	
157 = 19-5		158 = 19-6		159 = 19-7		160 = 20-0		161 = 20-1		162 = 20-2	
163 = 20-3		164 = 20-4		165 = 20-5		166 = 20-6		167 = 20-7		168 = 21-0	
169 = 21-1		170 = 21-2		171 = 21-3		172 = 21-4		173 = 21-5		174 = 21-6	
175 = 21-7		176 = 22-0		177 = 22-1		178 = 22-2		179 = 22-3		180 = 22-4	
181 = 22-5		182 = 22-6		183 = 22-7		184 = 23-0		185 = 23-1		186 = 23-2	
187 = 23-3		188 = 23-4		189 = 23-5		190 = 23-6		191 = 23-7		192 = 24-0	
193 = 24-1		194 = 24-2		195 = 24-3		196 = 24-4		197 = 24-5		198 = 24-6	
199 = 24-7		200 = 25-0		201 = 25-1		202 = 25-2		203 = 25-3		204 = 25-4	
205 = 25-5		206 = 25-6		207 = 25-7		208 = 26-0		209 = 26-1		210 = 26-2	
211 = 26-3		212 = 26-4		213 = 26-5		214 = 26-6		215 = 26-7		216 = 27-0	
217 = 27-1		218 = 27-2		219 = 27-3		220 = 27-4		221 = 27-5		222 = 27-6	
223 = 27-7		224 = 28-0		225 = 28-1		226 = 28-2		227 = 28-3		228 = 28-4	
229 = 28-5		230 = 28-6		231 = 28-7		232 = 29-0		233 = 29-1		234 = 29-2	
235 = 29-3		236 = 29-4		237 = 29-5		238 = 29-6		239 = 29-7		240 = 30-0	
241 = 30-1		242 = 30-2		243 = 30-3		244 = 30-4		245 = 30-5		246 = 30-6	
247 = 30-7		248 = 31-0		249 = 31-1		250 = 31-2		251 = 31-3		252 = 31-4	
253 = 31-5		254 = 31-6		255 = 31-7							

CLUSTER CONVERSION TABLE

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ITEM	ISSUE	ITEM	ISSUE								
IXL-001		DLP-508		DLP-543		DLP-578		DLP-613			
NTP-002		DLP-509		DLP-544		DLP-579		DLP-614			
NTP-003		DLP-510		DLP-545		DLP-580		DLP-615			
NTP-004		DLP-511		DLP-546		DLP-581		DLP-616			
NTP-005		DLP-512		DLP-547		DLP-582		DLP-617			
NTP-006		DLP-513		DLP-548		DLP-583		DLP-618			
NTP-007		DLP-514		DLP-549		DLP-584		DLP-619			
NTP-008		DLP-515		DLP-550		DLP-585		DLP-620			
NTP-009		DLP-516		DLP-551		DLP-586		DLP-621			
NTP-010		DLP-517		DLP-552		DLP-587		CKL-891			
NTP-011		DLP-518		DLP-553		DLP-588		TNG-893			
NTP-012		DLP-519		DLP-554		DLP-589					
NTP-013		DLP-520		DLP-555		DLP-590					
NTP-014		DLP-521		DLP-556		DLP-591					
NTP-015		DLP-522		DLP-557		DLP-592					
NTP-016		DLP-523		DLP-558		DLP-593					
NTP-017		DLP-524		DLP-559		DLP-594					
NTP-018		DLP-525		DLP-560		DLP-595					
NTP-019		DLP-526		DLP-561		DLP-596					
NTP-020		DLP-527		DLP-562		DLP-597					
NTP-021		DLP-528		DLP-563		DLP-598					
NTP-022		DLP-529		DLP-564		DLP-599					
NTP-023		DLP-530		DLP-565		DLP-600					
NTP-024		DLP-531		DLP-566		DLP-601					
NTP-025		DLP-532		DLP-567		DLP-602					
NTP-026		DLP-533		DLP-568		DLP-603					
NTP-027		DLP-534		DLP-569		DLP-604					
DLP-500		DLP-535		DLP-570		DLP-605					
DLP-501		DLP-536		DLP-571		DLP-606					
DLP-502		DLP-537		DLP-572		DLP-607					
DLP-503		DLP-538		DLP-573		DLP-608					
DLP-504		DLP-539		DLP-574		DLP-609					
DLP-505		DLP-540		DLP-575		DLP-610					
DLP-506		DLP-541		DLP-576		DLP-611					
DLP-507		DLP-542		DLP-577		DLP-612					

● REVISED OR ADDED ITEM

□ CANCELED ITEM

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CKL

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CHECKLIST