

SUBJECT: MAC - Terminal Pair Range Command

DATE: April 11, 1986

FILE: MAC Outside Plant Facility Design And Planning Handbook

TO: All Holders of Above Mentioned Manual

COVER BY: Upon Receipt

Attached is an update to the table of contents for tab 3 and instructions to the recently linked Terminal Pair Range (TPR) Command.

TPR enables the MAC user to provide up to a 50 pair cable complement, and printed, on line, will be all terminals cut in across the count along with start binding post/color code information. Included will also be repair routes and terminal types. This is applicable to both feeder and distribution cables.

Another option TPR provides is the ability to enter a terminal address on the command line. MAC will now provide all cables and counts including start binding post/color code information for each complement as they feed that specific terminal. Appearance of the on-line output, for all three options, will be identical to the manner in which Terminal Count Update (TCU) was built.

Any questions may be directed to myself on 678-5838.

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DLL:ckw

Attachments

cc:
Mr. Smith (S.)
Mr. Barndt

ON-LINE COMMAND - TERMINAL PAIR RANGE

A. Command Synopsis

The TPR command is used to request a terminal pair range report printout for up to 50 pairs within a given cable or for a given terminal.

B. INITIAL ENTRY

1. This command resides in the following Functional Module:

- o INQUIRY FUNCTIONAL MODULE
- o ADMINISTRATION FUNCTIONAL MODULE (OUTSIDE PLANT ADMINISTRATION)
- o OUTSIDE PLANT - REPAIR FUNCTIONAL MODULE

2. The INITIAL ENTRY is accomplished by keying the following:

TPR/NPA/NMX/CODE/VARIOUS/PCN/PRINTER ID

3. The INITIAL ENTRY elements are defined as follows:

<u>ELEMENT</u>	<u>DEFINITION</u>
TPR	Command Identification
NPA	A 3-digit area code that is valid for the company
NMX	A 3-digit NMX that is valid for the company.
CODE	A one character alpha identifier ('D' - for distribution cable, 'F' for feeder cable or 'T' for terminal) that indicates the type of data contained in the next field.
VARIOUS	A cable, start pair, and stop pair are required if the code is 'D' or 'F'. A terminal name is required if the code is 'T'.
PCN	Personal Control Number
Printer 10	A two-digit code for the printer where the report will be printed.

C. Error/Advisory Messages

See Section 2900 for Error/Advisory Message.

D. Screen Format

E. Screen Definition

<u>Field</u>	<u>Definition</u>
1. Initial Entry Line	Refer to paragraph B.
2. Screen Title	Self-explanatory
3. Date and Time	The current data and time
4. Main PF Key Line	PF Key information for the Standard PF Keys
5. Message Line	The last line of the screen where Error/Advisory Messages are displayed

F. Operator Instructions

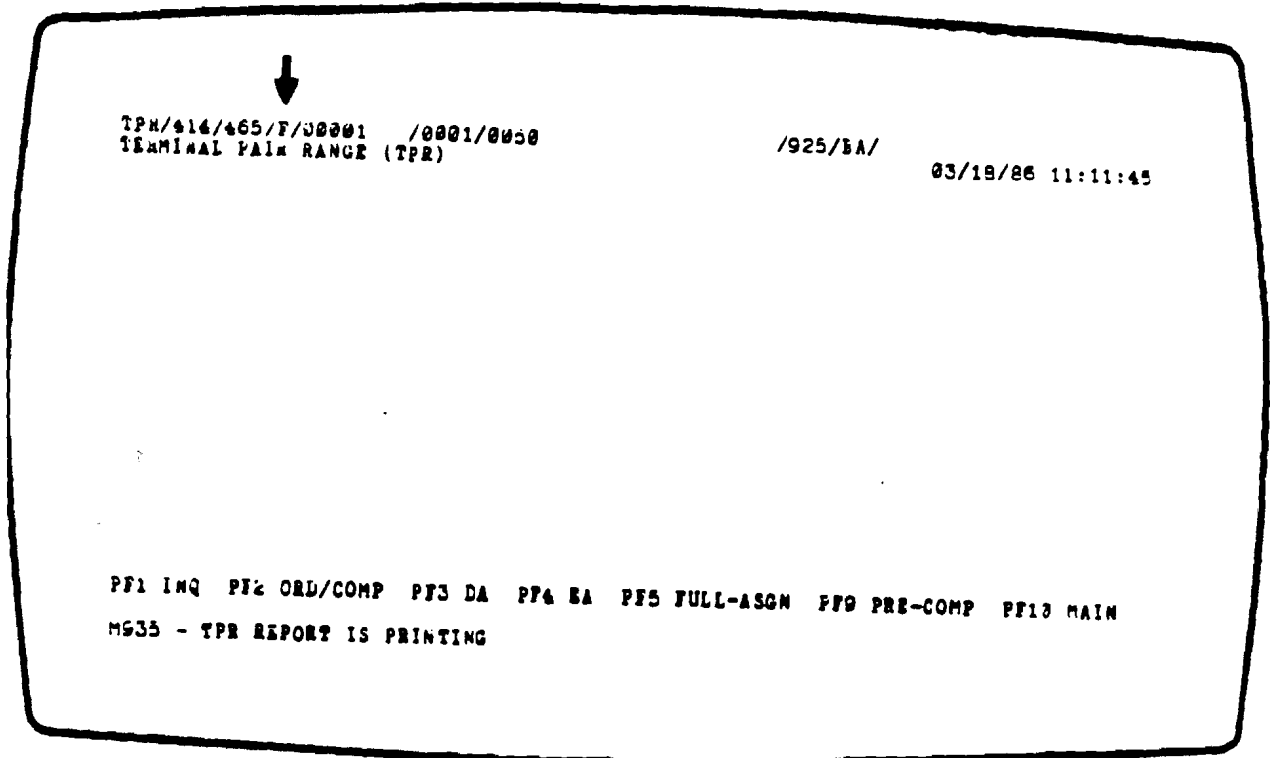
1. Key the Initial Entry data (Paragraph B) and depress the Enter (S/R) key.
2. The system validates the Initial Entry and office information. If the information is valid, the following screen will be displayed indicating the TPR report is printing.

See example 1, page 94.

If an invalid condition is encountered, the system will display a formatted screen with an appropriate Error/Advisory Message.

3. After the initial screen has been displayed, the operator can choose one of the following options:
 - a. Enter a New Command on the INITIAL ENTRY LINE. (The New Command entered must be in the same Functional Module currently being used.)
 - b. Depress one of the PF Keys referenced on the MAIN PF KEY LINE and retrieve the requested Module Menu or Main Menu.

TERMINAL PAIR RANGE



F1 PAIR RANGE OPTION

OUTPUT APPEARS ON NEXT PAGE

EXAMPLE 1

DFS2002 11:05:12 DB80PDB CONNECTED TO IMS/VS IMSR

TERMINAL PAIR RANGE REPORT

REQUESTER PCN 025

MPA 414 FRAME MNZ 405 CABLE 00001

PAIR RANGE 0001-0050

TERMINAL ADDRESS

PAIR RANGE

START BP/CC

REPAIR ROUTE

TERMINAL TYPE

F 3403 NICOLET DR

02001

0001-0050

0701

I-001

03/18/86 11:05:15

TERMINAL PAIR RANGE

↓

TPR/414/455/D/ 3403N/0001/0050 /925/BA/ 03/18/66 11:21:28
TERMINAL PAIR RANGE (TPR)

PF1 INQ PF2 ORD/COMP PF3 DA PF4 EA PF5 FULL-ASGN PF9 PRE-COMP PF10 MAIN
M935 - TPR REPORT IS PRINTING

DISTRIBUTION PAIR RANGE OPTION

OUTPUT APPEARS ON NEXT PAGE

EXAMPLE 2

TERMINAL PAIR RANGE REPORT

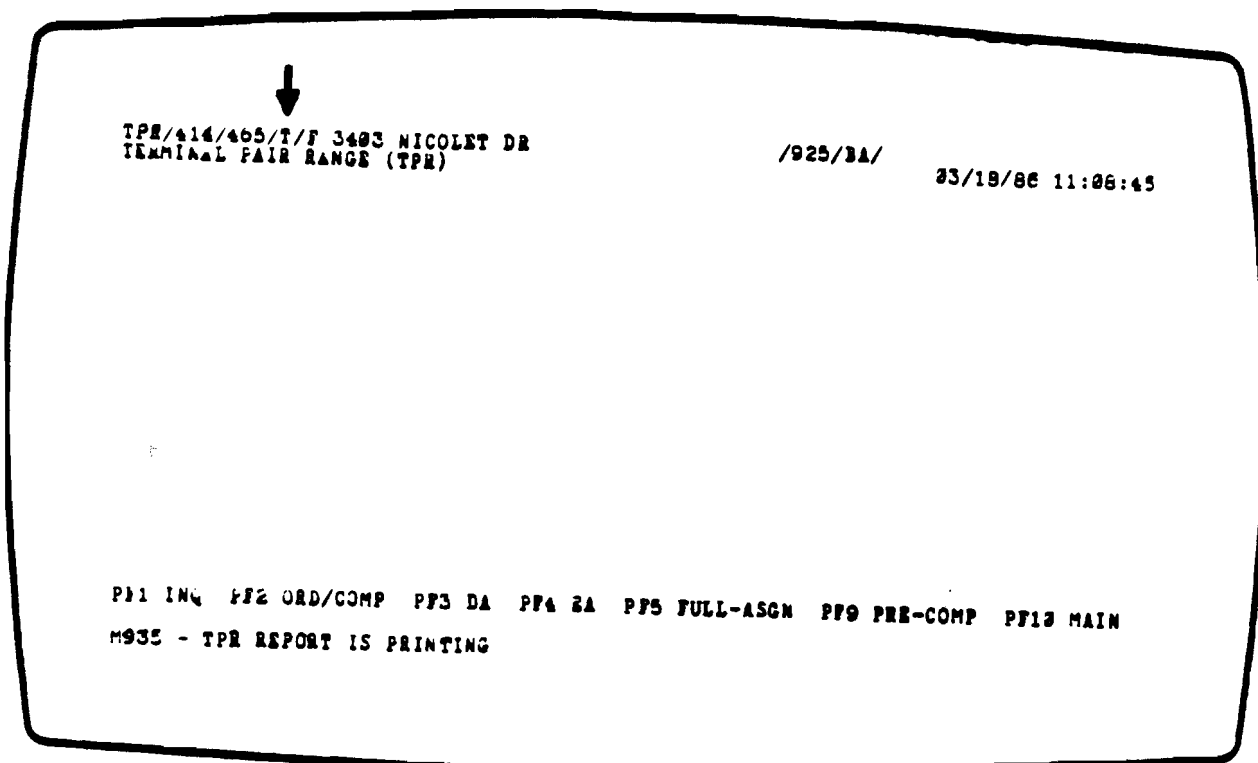
REQUESTER PCN 925

03/18/86 11:06:45

NPA 414 FRAME MMI 465 CABLE 3403N PAIR RANGE 0001-0050

TERMINAL ADDRESS	CABLE	PAIR RANGE	START BP/CC	REPAIR ROUTE	TERMINAL TYPE
F 3311 BEACH LA	3403N	0010-0010	0001		FC
	3403N	0021-0021	0012		FC
F 3311 BEACH LA	3403N	0020-0020	0011		FC
F 3301 BEACH LA	3403N	0001-0012	0001		FC
F 3320 BEACH LA	3403N	0010-0030	0001		FC
F 3333 BEACH LA	3403N	0025-0030	0001		FC
F 3330 BEACH LA	3403N	0027-0030	0001		FC
F 3351 BEACH LA	3403N	0030-0041	0001		FC
F 3350 BEACH LA	3403N	0033-0044	0001		FC
F 3361 BEACH LA	3403N	0030-0041	0001		FC
F 3365 BEACH LA	3403N	0030-0050	0001		FC

TERMINAL PAIR RANGE



TERMINAL ADDRESS OPTION

OUTPUT APPEARS ON NEXT PAGE

EXAMPLE 3

REQUESTER PCN 925

NPA 414 FRAME MMI 465 CABLE

TERMINAL ADDRESS

F 3403 NICOLET DR

TERMINAL PAIR RANGE REPORT

03/19/95 11:00:46

PAIR RANGE	CABLE	PAIR RANGE	START DP/CC	REPAIR ROUTE	TERMINAL TYPE
-					
	00000001	0001-0050	0001		X-BOX
	00020001	0101-0150	0251		X-BOX
	00000001	0201-0250	0101		X-BOX

MLC/414/336/S/41.XGFS.100267..WT / LAST PAGE 001
MECHANIZED LINE CARD (MLC) 10/29/83 14:12:22
NPA 414 LEAD NMX 335 MCS XDD3X CBL STAT MXP LAD 11/13/84 COND WORKING
DN/CKT 41.XGFS.100267..WT PILOT NEXT HUNT
PO DD FT RC FW LAST SO
NP AT&T COMM OF WIS INC SUS 196 PIC
CKL002 AHN0004 CREAMERY, DEPR RD
COS XDD3X TFG PTY 1 FEATURES

-----ASGN-----
RT 4152 /SSP
SSWO ,
F1 /CA PG012 /PR 0101 /TEA L 904-46 LAWRENCE DR
/BP 0101 /RZ 13 /PGSC SL95-1 ←
→ /PGT D /TPR 415203 /DF 000L 000 0 0
F2 /CA L904-45 /PR 0362 /WOL L 1010-15 S.T.H. 41
/BP 0012 /RZ 13 /TPR 415203

NXT ADDR:
PF1 INQ PF2 ORD COMP PF3 DA PF4 FA PF5 FULL-ASGN PF9 PRE-COMP PF10 MAIN
PF6 NEXT PF7 PCI PF8 ROI

MLC DISPLAYS PAIR GAIN TERMINATION
INDICATOR (PGT).

SCI/608 356-PG010-401
SPECIAL CIRCUIT INQUIRY (SCI)

LAST PAGE 001
10/29/86 13:59:27

CKT/MLHG 608 356-PG010-401

COS RTL CKT TYPE RTL SSP/M

TERM OP	FEATURES
NPA NNK PD TYPE	DESCRIPTION
608 356	

L01	CLLI	BARBWIU2451
L01	SYS	5
L01	RTL	2451
L01	RTL	SCHFPP RD
L01	F1	/CA DUMMY /PR 0020 /DF 001 000 0 0

PF1 INQ PF2 ORD COMP PF3 DA PF4 FA PF5 FULL-ASGN PF9 PRE-COMP PF10 MAIN
PF11 UCF

TO OBTAIN INFORMATION ON SLC PAIR GAIN
SYSTEMS, REQUEST THE SCI SCREEN.