# Optical Line System Provisioning Job Aid - 365-575-302 - Issue 1

# 1. Optical Line System Provisioning

See Table A.

## List of Tables

**Table A: Optical Line System Provisioning**

| Parameter | Method | Command | Options [Original Value] | Report |
|---|---|---|---|---|
| System Address | | | | |
| - Target Identifier (TID) | | | [ATT-OLS] <=20 characters | |
| - Directory Service Network Element (DS-NE) | | | Yes, [No] | |
| - X.25 Packet Size [2] | | | 128, [256] | |
| - Alarm Group [2] | CIT | SECURITY-Set-Network Element | 0-[255] | SECURITY-Retrieve-Network Element |
| - Alarm Gateway Network Element (AGNE) [2] | | | Yes, [No] | |
| - Direction (DIRN) (End Terminals only) | | | [1A-TX], 1A-RCV | |
| Operations | | | CIT (DCE), CIT (DTE), DCC, X.25 | SECURITY-Retrieve-Security-Port |
| - Operation Ports | Choice [1] | None | | |
| - Operation Port Baud Rates CIT (DCE) | | | 1200, 2400, 4800, 9600 [No Original Value] | |
| CIT (DTE) | Autobaud | | 1200, 2400, 4800, 9600 [No Original Value] | |
| | | None | None | None |
| X.25 [2] | | | 1200, 2400, 4800, 9600, 19200 [No Original Value] | |
| | Automatic | | | |
| - Remote Access | | | | |
| Remote Activity Reporting | | SECURITY-Set-Far End Communications | Enable, [Disable] | SECURITY-Retrieve-Far End Communications |
| Remote Office Alarms | CIT | | Enable, [Disable] | |

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_____|_____|_____|_____
   - Network Element Security      |                |
      |             |              |                |
        Logins Allowed             |  [Yes], No
      | CIT         |  SECURITY-Set-Security-  |  SECURITY-Retrieve-Security-
        Password Aging             |  [0], 7-999 Days
      |             |   Network Element         |       Network Element
        Login Aging                |  [0], 7-999 Days
      |             |              |                |
                                   | _____
_____|_____|_____|_____
   - Port Security                 |  DCE, DTE, DCC, X.25
      |             |              |                |
         Type                      |  [None]
      |             |              |                |
         Port Access               |  [Enable], Disable
      |             |              |                |
         Port Protocol             |
      |             |              |                |
          CIT (DCE)                |  [CIT], TL1
      |             |              |                |
          CIT (DTE)                |  [CIT], TL1
      |             |              |                |
         Baud Rates                |
      |             |              |                |
          CIT (DCE)(TL1 Protocol)  |  1200,2400,4800,[9600]
      |             |              |                |
          CIT (DTE)(TL1 Protocol)  |  1200,2400,4800,[9600]
      |             |              |                |
         X.25 Channel Type         |  Switched, Permanent
      |             |  SECURITY-Set-           |   SECURITY-Retrieve-
                                   |  [None]
      | CIT         |   Security-Port          |      Security-Port
        OS Type                    |
      |             |              |                |
          X.25 PVC #1              |  [maint.], memry-admin,
      |             |              |                |
                                   |  cmd-resp, other
      |             |              |                |
          X.25 PVC #2              |  maint.,memry-admin,
      |             |              |                |
                                   |  [cmd-resp],other
      |             |              |                |
          X.25 SVC #1-#6           |  maint., memry-admin,
      |             |              |                |
                                   |  [cmd-resp],other,none
      |             |              |                |
                                   | _____
_____|             |              |                |
         SVC Calling Address       |
      |             |              |                |
          X.25 SVC #1-#6           |  15 or Less Numeric Characters
      |             |              |                |
                                   | _____
_____|             |              |                |
         Timeout                   |  0-999 Minutes [15]
      |             |              |                |
   - Port Security (Contd)         |
      |             |              |                |
   - Login Security                |
      |             |              |                |
         Logins 1-100              |  [ATT01 or ATT02 [3]] 1 to 10
```

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    | CIT       | SECURITY-Set-Login     | SECURITY-Retrieve-Login
    |           |                        |  Alphanumeric Characters
    |           |                        |
    |           |                        | _____
____|_____|_____|_____
     Password                            | [OLS [4]]  6 to 10 Characters
    |           |                        |
    |           |                        | (at least 1 numeric character
    | CIT       | SECURITY-Set-Password  |  None
    |           |                        |  and 1 symbolic character)
    |           |                        |
    |           |                        | _____
____|_____|_____|_____
     User Privilege                      | Reports Only, [General]
    |           |                        |
    |           |                        | _____
____| CIT       | SECURITY-Set-Login     | SECURITY-Retrieve-Login
     Visitor Login                       | Yes, [No]
    |           |                        |
    |           |                        | _____
____|_____|_____|_____
 - Incoming Signal Alarm Delay | 0-120 Seconds [2]
    |           |   CONFIGURATION-Set-   |   CONFIGURATION-Retrieve-
 - Alarm Clear Delay           | 0-120 Seconds [10]
    | CIT       |    Attribute-Alarm     |     Attribute-Alarm
    |           |                        | _____
____|_____|_____|_____
 - User-Settable Miscellaneous  |
    |           |                        |
     Discretes                  | ["Control n"]
    | CIT       |   CONFIGURATION-Set-   |   CONFIGURATION-Retrieve-
      Description of Control     | <=26 Characters
    |           |    Attribute-Control   |     Attribute-Control
      Outputs 1-4               |
    |           |                        |
    |           |                        | _____
____|_____|_____|_____
     Description of             | ["Environment n"]
    |           |                        |
      Environmental Inputs 1-16 | <=26 Characters
    | CIT       |   CONFIGURATION-Set-   |   CONFIGURATION-Retrieve-
    |           |                        | _____
____|           |                        |
     Environmental Input        | CR, MJ, [MN], NA, NR
    |           |   Attribute-Environment |     Attribute-Environment
      Alarm Level               |
    |           |                        |
    |           |                        | _____
____|_____|_____|_____
 - Date                         | YY-MM-DD [95-09-15]
    |           |                        |
 - Hours                        | 0-23 [0]
    |           |                        |
 - Minutes                      | 0-59 [0]
    |           |                        |
 - Seconds                      | 0-59 [0]
    | CIT       | CONFIGURATION-Set-Date | CONFIGURATION-Retrieve-Date
 - Standard Time Zone           | [blank] <=3 Letter Characters
    |           |                        |
 - Start Daylight Savings Date  | MM-DD [06-15]
    |           |                        |
 - Stop Daylight Savings Date   | MM-DD [06-15]
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        |              |                  |
      - Daylight Savings Time Zone   |   [blank] <=3 Letter Characters
        |              |                  |
   _____|_____
   _____|_____|_____|_____
   Slot State Provisioning            |
        |              |                  |
      - All Slots                     |   EQ,[AUTO]
        |   Automatic  |   None            |   FAULT-Retrieve-State
   _____|_____
   _____|_____|_____|_____
   Performance Monitoring             |
        |              |                  |
      - Start Time                    |   0-23 [0]
        |              |   PERFORMANCE-Set-    |   PERFORMANCE-Retrieve-
        |              |                  |
        |   CIT        |   PM-Start Time       |     PM-Start Time
   _____|_____
   _____|_____|_____|_____
   OC-48 Termination                  |
        |   Lightguide|                    |
      - LBO (Optical)                 |   0, 5, 7, 10, 15, or 20 dB
        |   Jumper     |   None (manually installed)|  None (Indicated on LBO)
   _____|_____
   _____|_____|_____|_____
   IS-3 Termination                   |
        |   Lightguide|                    |
      - LBO (Optical)                 |   0 dB, 7.1 dB
        |   Jumper     |   None (manually installed)|  None (Indicated on LBO)
   _____|_____
   _____|_____|_____|_____
   Supervisory Channel                |   [CR], MJ, MN, NA, NR
        |   CIT        |   CONFIGURATION-      |   CONFIGURATION-
      Alarm Level                     |
        |              |   Set-Supr            |   Retrieve-Supr
   _____|_____
   _____|_____|_____|_____
   Supervisory Channel Signal         |   10 to the -5,[10 to the -6],10 to the -7,10 to the -8,10 to
   the -9|  CIT        |   CONFIGURATION-      |   CONFIGURATION-
      Degrade Threshold               |
        |              |   Set-Supr            |   Retrieve-Supr
   _____|_____
   _____|_____|_____|_____
   Optical Channel State Provisioning|
        |              |   CONFIGURATION-      |   FAULT-
      - Port                          |   [AUTO], NMON
        |   CIT        |   Set-State-Ochan     |   Retrieve-State
        |                                  | _____|_____
   _____|_____|_____|_____
      - Port                          |   [AUTO], IS
        |   Automatic  |   None            |   FAULT-
        |                                  |
        |              |                  |   Retrieve-State
   _____|_____
   _____|_____|_____|_____
   CMS Provisioning                   |
        |              |   CONFIGURATION-      |   FAULT-
      - Port                          |   [AUTO], NMON
        |   CIT        |   Set-State-CMS       |   Retrieve-State
        |                                  | _____|_____
   _____|_____|_____|_____
      - Port                          |   [AUTO], IS
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```
  | Automatic |  None                    |  FAULT-

                              |
  |           |              |              |  Retrieve-State
_____|_____
_____|_____|_____|_____
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Footnote Legend
[1] Select the desired port by installing the appropriate cabling.
[2] The baud rate is determined by the clock to the X.25 interface.
[3] At start-up there are exactly two privileged logins and no others.
[4] OLS is the original value of the password for ATT01 and
    ATT02.  There is no original password for any other logins.
[5] The low speed port state can be provisioned separately in
    the add and drop directions.
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