Route

AMERITECH
ACCESS SERVICES
METHODS AND PROCEDURES

COVER LETTER

Gen. Cover

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PURPOSE: Entire package has been updated to:
- referenced the new OPTINET LDC Discount Pricing M&P 3.1.54,
- changed Michigan exhibits to show available in both PIU 100 and 0), and
- corrected circuit IDs on Wisconsin exhibits.

HANDBOOK AND/OR OTHER MEDIA IMPACTS:

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OPTINET 384

1. GENERAL

1.1 Overview

OPTINET 384 is the first in a new family of services to be offered under the OPTINET family of services. Other services will be offered at a later date (i.e., OPTINET 256, 512, 640, 768, etc.).

OPTINET 384 is provisioned by means of a DS1 1.544 Megabits per second (Mbps) facility. OPTINET 384 is provided by limiting the 1.544 Mbps DS1 bandwidth to a 6x64 setting. Since a 1.544 Mbps DS1 can provide up to 24 64 Kbps channels, the 6x64 setting provides the customer with six 64 Kbps channels of the DS1 facility or a 384 Kbps bandwidth. The rest of the bandwidth or channels are blocked in the network.

OPTINET 384 is a dedicated digital service that can only be ordered as a two point, non-channelized service between two customer designated premises (Interexchange Carrier (IC) to IC, IC to End User, or End User to End User). It may be ordered to ride on a channelized or multiplexed OPTINET DS3.

Since OPTINET Transport service is terminated at a DS1 interface, the OPTINET DS1 Local Distribution Channel (LDC) rate element applies to each end of the circuit terminated at a customer designated premises.

ILLINOIS
The OPTINET DS1 LDC rate element does not apply to Intrastate OPTINET 384 circuits. Instead unique OPTINET 384 LDC rate elements apply.

The inter-office transport portion consists of the Channel Mileage and Channel Mileage Termination rate elements which are priced at a lower rate than an OPTINET DS1.

OPTINET 384

1. GENERAL (CONT'D)

1.1 Overview

Clear Channel Capability (CLR), using the Binary 8 Zero Substitution (B8ZS) line code protocol, is required and provided at no additional charge. The customer can choose either the Superframe (SF) or Extended Superframe Format (ESF) framing option.

Special Facilities Routing is available on OPTINET 384 circuits.

At this time, the following offerings are not available for OPTINET 384:

- Ameritech OPTINET Reconfiguration Service (AORS)
- Fiber Hub Cross Connection
- Optional Features and Functions
- Line Power
- Customer Service Unit
- Optional Payment Plan (OPP) on the Channel Mileage or Channel Mileage Termination Charges

The target market is to Interexchange Carriers and large to medium business customers. The markets include all the major industries such as manufacturing, education, government, etc. This service is positioned for customers who want a dedicated line speed between 64 Kbps and 1.544 Mbps. OPTINET 384 can be used for things like video conferencing, LANS networking, bulk file transfer, imaging, etc.

The Technical Reference is AM-TR-TMO-000106.

OPTINET 384 is capable of meeting a monthly average objective performance of 99.75% error-free seconds while the channel is in service, with 99.999% availability.

OPTINET 384

1. GENERAL (CONT'D)

1.2 Purpose/Assumptions

This document provides the Methods and Procedures (M&P) required for a representative to validate and process Access Service Requests (ASRs), issue service orders and handle the billing for OPTINET 384.

This material is written with the assumption that the representative has a:

- Working knowledge of the ordering and billing of Special Access OPTINET services, especially DS1.

- Working knowledge of all systems (including their edits, if appropriate) needed to handle the ordering and billing of OPTINET services. For example:

  - Access Request Information System (ARIS)

  - Trunks Integrated Record Keeping System (TIRKS)

  - Local Service Order Processor (SOP)

  - Carrier Access Billing System (CABS)

  - Carrier Access Billing System On-Line (CABSOL)

This material further assumes that existing Special Access ordering flows and existing Bill Verification procedures remain unchanged.

OPTINET 384

2. OPTIONAL FEATURES AND FUNCTIONS

There are no Optional Features and Functions available on OPTINET 384 circuits.

Since the Clear Channel Capability option is the standard format on OPTINET 384, it is not considered an additional feature, it is provided at no additional cost to the customer and no CLR USOC is shown on the order.

3. INTERVALS

The installation interval is the same as for OPTINET DS1 service. If Clear Channel Capability is not immediately available, a negotiated interval may apply. See the Representative Handbook for specific installation interval details.

3.1 Installation Interval Guarantee

A failure to meet the installation due date for OPTINET 384 could result in a credit of the billed Administrative, Design and Central Office Connection, and Customer Connection Charges, when the Telephone Company is solely responsible for the missed due date. For additional information on Installation Interval Guarantee, see M&P 6.119.

4. NETWORK CHANNEL (NC) CODE

Network Channel (NC) codes specify the characteristics of the basic channel and their options.

The NC Code for OPTINET 384 is HXZF.

- The first two characters represents OPTINET DS1 Transport.

OPTINET 384

4. NETWORK CHANNEL (NC) CODE

- The third character represents Clear Channel Capability. Since the Clear Channel Capability option is the standard format on OPTINET 384, it is not considered an additional feature and is provided at no additional cost to the customer.

- The fourth character represents the bandwidth. At this time, only the 384 Kbps bandwidth is available. Additional bandwidths may be added in the future.

CHANNEL SERVICE CODE	OPTIONAL FEATURES CODE			
1ST-2ND CHAR	3RD CHAR	OPTIONS	4TH CHAR	OPTIONS
HX	Z	Standard Clear Channel Capability /B8ZS	F	6 Channels of a DS1 or 384 Kbps Service

5. NETWORK CHANNEL INTERFACE (NCI) CODES

The Network Channel Interface (NCI) code describes the electrical conditions on the circuit.

OPTINET DS1 NCI codes are used to provide OPTINET 384. The DS1 signals can be transmitted with either Superframe (SF) or Extended Superframe Format (ESF).

Signals utilizing SF format provide for limited and minimal observations of circuit performance.

With the ESF format, the circuit's performance is observed and accurately measured without interrupting the flow of information on the circuit. There are two types of ESF, one defined by the American National Standards Institute (ANSI), and one defined by AT&T (non ANSI). Ameritech encourages the use of ANSI ESF.

OPTINET 384

5. NETWORK CHANNEL INTERFACE (NCI) CODES (CONT'D)

The following is a breakdown and listing of the valid Ameritech OPTINET DS1 NCI Codes used specifically for OPTINET 384.

CHARACTER POSITIONS					DEFINITION/MEANING
1 & 2	3 & 4	5	6	7-9	
04					4 Wire/Conductors
	DS				Digital Hierachy Interface - Used at IC & CO Terminations
		9			100 - Impedance in OHMS
			.		Delimiter
				15B	Superframe Format (SF) and standard CLR/B8ZS
				15S	Non ANSI Extended Superframe (ESF) and standard CLR/B8ZS
				1S	ANSI ESF and standard CLR/B8ZS
	DU				Digital Hierachy Interface - Used at End User Locations
		9			100 - Impedance in OHMS
			.		Delimiter
				DN	SF with standard CLR/B8ZS and no Line Power
				SN	Non ANSI ESF with standard CLR/B8ZS and no Line Power
				1SN	ANSI ESF with standard CLR/B8ZS and no Line Power

OPTINET 384

5. NETWORK CHANNEL INTERFACE (NCI) CODES (CONT'D)

The following chart reflects the valid Ameritech NCI combinations used to order OPTINET 384 when the OPTINET 384 circuit does not ride a channelized DS3:

NCI	SECNCI	NCI	SECNCI
04DS9.15B	04DS9.15B	04DU9.DN	04DU9.DN
04DS9.15B	04DU9.DN	04DU9.SN	04DU9.SN
04DS9.15S	04DS9.15S	04DU9.1SN	04DU9.1SN
04DS9.15S	04DU9.SN		
04DS9.1S	04DS9.1S		
04DS9.1S	04DU9.1SN		

The following chart reflects the valid Ameritech NCI combinations used to order OPTINET 384 when the OPTINET 384 rides on a channelized DS3:

NCI	SECNCI	NCI	SECNCI
02FCF.12	04DS9.15B	04DS6.44	04DS9.15B
02FCF.12	04DU9.DN	04DS6.44	04DU9.DN
02FCF.12	04DS9.15S	04DS6.44	04DS9.15S
02FCF.12	04DU9.SN	04DS6.44	04DU9.SN
02FCF.12	04DS9.1S	04DS6.44	04DS9.1S
02FCF.12	04DU9.1SN	04DS6.44	04DU9.1SN
02FCF.54	04DS9.15B		
02FCF.54	04DU9.DN		
02FCF.54	04DS9.15S		
02FCF.54	04DU9.SN		
02FCF.54	04DS9.1S		
02FCF.54	04DU9.1SN		

OPTINET 384

6. OPTIONAL PAYMENT PLAN

The Channel Mileage and Channel Mileage Termination rate elements are not subject to Optional Payment Plan (OPP). The DS1 LDC rate element is used on the OPTINET 384 circuit and is subject to OPP.

For more information on Optional Payment Plan, see M&P 3.1.15.

7. USOCS AND RATES

The actual rates for OPTINET 384 can be found in the ICSC handbook under the OPTINET 384 tab.

7.1 Class Of Service

The class of service USOC for OPTINET 384 is XDHEX. The NOCH (Number of Channels) FID is not used with this class of service.

7.2 Nonrecurring Charges

OPTINET 384 circuits are billed the nonrecurring charges applicable to OPTINET DS1 circuits.

- One Administrative Charge USOC, ORCMX, is billed per order request.
- One Design And Central Office Connection Charge USOC, NRBBL, is billed per circuit on new installs or rearrangements.
- One Customer Connection Charge USOC, NRBCL, is billed per Local Distribution Channel on new installations or rearrangements.

Full nonrecurring charges apply to change an OPTINET DS1 circuit to an OPTINET 384 circuit.

OPTINET 384

7. USOCS AND RATES (CONT'D)

7.3 Monthly Rates

OPTINET 384 circuits are subject to three basic rates elements: Channel Mileage; Channel Mileage Termination; and the DS1 Local Distribution Channel (LDC).

- Channel Mileage is billed per mile and the USOC is 1L5XX. The USOC is shown on all circuits and bills a unique OPTINET 384 rate. The OPTINET 384 Channel Mileage rate element is not available under the Optional Payment Plan.

- Channel Mileage Termination is billed per point of mileage termination when the Channel Mileage quantity is more than zero. The Channel Mileage Termination USOC is CM6 and bills a unique OPTINET 384 rate. When the Channel Mileage quantity is zero, then no Channel Mileage Termination is shown on the circuit. The OPTINET 384 Channel Mileage Termination rate element is not available under the Optional Payment Plan.

- The Local Distribution Channel (LDC) applies per customer designated premises at which the circuit is terminated. The existing DS1 Local Distribution Channel (LDC) USOCs of TMECS, TUJXX, and TMEAX are used. The existing OPTINET DS1 LDC rates apply, including the discounting and Optional Payment Plan.

ILLINOIS

INTRASTATE ONLY: The existing Intrastate Access DS1 LDC USOCs of FQA1A, FQS1A, FQE1A, FQA1B, FQS1B, FQE1B, FQA1C, FQS1C, and FQE1C are used. Unique OPTINET 384 rate elements apply to these USOCs. The existing OPTINET DS1 LDC discounting and Optional Payment Plan apply.

OPTINET 384

7. USOCS AND RATES (CONT'D)

7.3 Monthly Rates (Cont'd)

When applying the discount pricing all OPTINET 384 and DS1 circuits are combined. To qualify for the discounted rate, the customer must have:

- Two or more OPTINET 384 and/or DS1 circuits,
- The OPTINET 384 and/or DS1 circuits terminating at the same addresses, and
- The OPTINET 384 and/or DS1 circuits billed to the same customer.
- The OPTINET 384 and/or DS1 circuits are billed in the same jurisdiction (PIU 100 or 0).

The three tier discount pricing applies separately for those OPTINET 384 and/or DS1 circuits that are provisioned over the normal route and those that are provisioned with Local Channel Diversity and/or Serving Wire Center Avoidance.

→ See M&P 3.1.54 OPTINET LDC Discount Pricing for more information.

If an OPTINET 384 circuit is riding an OPTINET DS3, the LDC for that designated premises is billed on the DS3 and a zero rate, provisioning only USOC is shown on the OPTINET 384 for that designated premises. The OPTINET 384 and DS1 provisioning only USOC is CTG.

OPTINET 384

7. USOCS AND RATES (CONT'D)

7.4 Surcharge and Message Station Recovery Charge

When Special Access is connected to a PBX or equivalent device capable of interconnecting the Special Access service with local exchange service, a surcharge applies which compensates the Telephone Company for use of the local exchange network.

The Surcharge USOC is S25. When the S25 USOC is used, the zero rated Message Station Recovery Charge USOC of UTM is also used. If the service is exempt from the surcharge, then the S25EX USOC is used.

ILLINOIS
The UTM USOC is not used.

The Surcharge and Message Station Recovery Charge quantity on a 384 Transport circuit is 6.

7.5 Special Facilities Routing

Special Facilities Routing is available for OPTINET 384 circuits. All three types of arrangements are available:

- Local Channel Diversity
- Inter Wire Center (IWC) Diversity
- Serving Wire Center (SWC) Avoidance

The DS1 Local Channel Diversity and DS1 SWC Avoidance USOCs and rates apply to OPTINET 384 circuits. When IWC Diversity is ordered, then the DS1 IWC Diversity USOC is used but an OPTINET 384 rate element applies.

For more information on Special Facilities Routing, see M&P 6.108.

OPTINET 384

8. ACCESS SERVICE REQUEST (ASR) REQUIREMENTS

Existing Special Access OPTINET DS1 ASR ordering and processing guidelines will be used for OPTINET 384.

The only unique entry used to order OPTINET 384 is HXZF in the NC field.

9. CSR

OPTINET 384 circuits look the same as any other two point, non-channelized Special Access circuit on the CSR.

10. BILLING

10.1 BILL

OPTINET 384 looks the same as any other two point, non-channelized Special Access circuit on the bill.

10.2 CLAIMS/ADJUSTMENTS

Claims and adjustments for OPTINET 384 are handled the same as any other Special Access service.

10.3 Revenue Account Codes

The following Special Access Private Line - Recurring Charge revenue account codes are also used on the OPTINET 384 class of service:

063 Interstate/InterLATA
083 Intrastate/InterLATA

OPTINET 384

Establish IC To End User OPTINET 384 With OPP In A Different SWC

ILLINOIS

```
---S&E
I1      ORCMX
/PIU    (100 or 0)
IG1     CLS .HXGS.456789..LB
/CKR    384INSTALL
/NC     HXZF
/PIU    (100 or 0)
/TAR    ***
/SSP
I1      XDHEX
I1      NRBCL
IG2     CKL 1-CARRIER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DS9.15B
/SN     CARRIER NAME
I5      1L5XX
I1      CM6
I1      (TMECS, TUJXX, TMEAX, FQA1+, FQS1+, or FQE1+)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
IG2     CKL 2-END USER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DU9.DN
/SN     END USER NAME
/LCON   CONTACT NAME, NPA NXX-XXXX
I1      CM6
I1      (TMECS, TUJXX, TMEAX, FQA1+, FQS1+, or FQE1+)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
I6      S25EX
```

NOTE: On Intrastate circuits where OPP is ordered, the 1L5XX and CM6 USOCs must also reflect the SPP and TA FIDS. OPP is not available on the 1L5XX and CM6 USOCs on Intrastate circuits.

*** Use appropriate 3 digit number to designate tax area.

\+ Use A, B, or C.

OPTINET 384

Establish IC To End User OPTINET 384 With OPP In A Different SWC

INDIANA

```
---S&E
I1      ORCMX
/PIU    100
ICLS    .HXGS.456789..NB
/CKR    384INSTALL
/PIU    100
/SSP
I1      XDHEX
I1      NRBCL
ICKL    1-CARRIER ADDR, CITY, ST
/LOC    FLR 1
/NC     HXZF
/NCI    04DS9.15B
/LSO    NPA NXX
I5      1L5XX
I1      CM6
I1      (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
ICKL    2-END USER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DU9.DN
/SN     END USER NAME
/LCON   CONTACT NAME, NPA NXX-XXXX
I1      CM6
I1      (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
I6      S25EX
```

OPTINET 384

Establish IC To End User OPTINET 384
With OPP
In A Different SWC

MICHIGAN

```
---S&E
I1      ORCMX
/PIU    (100 or 0)
ICLS    .HXGS.456789..MB
/CKR    384INSTALL
/PIU    (100 or 0)
/NC     HXZF
I1      XDHEX
I1      NRBCL
ICKL    1-CARRIER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DS9.15B
I5      1L5XX
I1      CM6
I1      (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
ICKL    2-END USER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DU9.DN
/SN     END USER NAME
/LCON   CONTACT NAME, NPA NXX-XXXX
I1      CM6
I1      (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
I6      S25EX
```

OPTINET 384

Establish IC To End User OPTINET 384 With OPP In A Different SWC

OHIO

```
ICLS    90.HXGS.456789..OB
/CKR    384INSTALL
/PIU    (100 or 0)
/NC     HXZF
ICKL    1-CARRIER ADDR, CITY, ST
/NCI    04DS9.15B
/SAG    CLE
ICKL    2-END USER ADDR, CITY, ST
/NCI    04DU9.DN
/SAG    CLE
/SN     END USER NAME
S&E
I1      ORCMX
/PIU    (100 or 0)
S&E
/IN
/CLS    90.HXGS.45678..OB
1       XDHEX
1       NRBCL
1       CM6
/CKL    1
1       (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60) MO, CD
/CKL    1
1       1L5XX
/QTY    5
/CKL    1
1       NRBBL
/CKL    1
1       CM6
/CKL    2
1       (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60) MO, CD
/CKL    2
1       NRBBL
/CKL    2
6       S25EX
/CKL    2
```

NOTE: CKL ADDRESSES ARE ACTUALLY SHOWN AS THE HOUSE/ BUILDING ADDR, A # SIGN, AND A SAG CODE. FOR EXAMPLE: 1621 MAIN, CLEVELAND, OH MIGHT BE SHOWN AS 1621#ABC2.

OPTINET 384

Establish IC To End User OPTINET 384
With OPP
In A Different SWC

WISCONSIN

```
---S&E
I1          ORCMX
/PIU        100
ICLS        44.HXGS.456789..WT
/CKR        384INSTALL
/PIU        100
/NC         HXZF
I1          XDHEX
I1          NRBCL
ICKL        1-CARRIER ADDR, CITY, ST
/LOC        FLR 1
/LSO        NPA NXX
/NCI        04DS9.15B
/TAR        ****
I5          1L5XX
I1          (TMECS, TUJXX, OR TMEAX)
/SPP        CT-OP1
/TA         (12, 36, OR 60)
I1          CM6
I1          NRBBL
ICKL        2-END USER ADDR, CITY, ST
/LOC        FLR 1
/LSO        NPA NXX
/NCI        04DU9.DN
/SN         END USER NAME
/TAR        ****
I1          CM6
I1          (TMECS, TUJXX, OR TMEAX)
/SPP        CT-OP1
/TA         (12, 36, OR 60)
I1          NRBBL
I6          S25EX
```

**** Use appropriate 4 alphas to designate tax area.

OPTINET 384

Establish IC To IC OPTINET 384 Riding A DS3 With Non ANSI ESF In The Same SWC

ILLINOIS

```
---S&E
I1          ORCMX
/PIU        (100 or 0)
G1          ASG 5
IG2         CLS .HXGS.456789..LB
/CKR        384INSTALL
/NC         HXZF
/PIU        (100 or 0)
/TAR        ***
/SSP
I1          XDHEX
I1          NRBCL
IG3         CKL 1-CARRIER ADDR, CITY, ST
/LOC        FLR 1
/CFA        101 T3 5 (A-CLLI Z-CLLI)
/LSO        NPA NXX
/NCI        04DS6.44
/SN         CARRIER NAME
I1          CTG
IG3         CKLT 2-(MUXLOC-Z CLLI IN CFA)
IG3         CKL 3-CARRIER ADDR, CITY, ST
/LOC        FLR 1
/LSO        NPA NXX
/NCI        04DS9.15S
/SN         CARRIER NAME
/LCON       CONTACT NAME, NPA NXX-XXXX
I0          1L5XX
I1          (TMECS, TUJXX, TMEAX, FQA1+, FQS1+, or FQE1+)
I1          NRBBL
I6          S25
```

*** Use appropriate 3 digit number to designate tax area.

\+ Use A, B, or C.

OPTINET 384

Establish IC To IC OPTINET 384 Riding A DS3
With Non ANSI ESF
In The Same SWC

INDIANA

```
---S&E
I1      ORCMX
/PIU    100
RASG    101
ICLS    .HXGS.456789..NB
/CKR    384INSTALL
/PIU    100
/SSP
I1      XDHEX
I1      NRBCL
ICKL    1-CARRIER ADDR, CITY, ST
/LOC    FLR 1
/CFA    101 T3 5 (A-CLLI Z-CLLI)
/NC     HXZF
/LSO    NPA NXX
/NCI    04DS6.44
I1      CTG
ICKLT   2-(MUXLOC-Z CLLI IN CFA)
ICKL    3-CARRIER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DS9.15S
/SN     CARRIER NAME
/LCON   CONTACT NAME, NPA NXX-XXXX
I0      1L5XX
I1      (TMECS, TUJXX, OR TMEAX)
I1      NRBBL
I6      S25
I6      UTM
```

OPTINET 384

Establish IC To IC OPTINET 384 Riding A DS3 With Non ANSI ESF In The Same SWC

MICHIGAN

```
---S&E
I1      ORCMX
/PIU    (100 or 0)
RASG    1
ICLS    .HXGS.456789..MB
/CKR     384INSTALL
/PIU    (100 or 0)
/NC     HXZF
I1      XDHEX
I1      NRBCL
ICKL    1-CARRIER ADDR, CITY, ST
/LOC    FLR 1
/CFA    CA101 T3 5 (A-CLLI Z-CLLI)
/LSO    NPA NXX
/NCI    04DS6.44
I1      CTG
ICKLT   2-(MUXLOC-Z CLLI OF CFA)
ICKL    3-CARRIER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DS9.15S
/SN     CARRIER NAME
/LCON   CONTACT NAME, NPA NXX-XXXX
I0      1L5XX
I1      (TMECS, TUJXX, OR TMEAX)
I1      NRBBL
I6      S25
I6      UTM
```

OPTINET 384

Establish IC To IC OPTINET 384 Riding A DS3 With Non ANSI ESF In The Same SWC

OHIO

```
ASG 5
ICLS    90.HXGS.456789..OB
/CKR    384INSTALL
/PIU    (100 or 0)
/NC     HXZF
/ASG    5
ICKL    1-CARRIER ADDR, CITY, ST
/NCI    04DS6.44
/SAG    CLE
/CFA    101 T3 5 (A-CLLI Z-CLLI)
/ASG    5
ICKLT   2-(MUXLOC-Z CLLI OF CFA)
/ASG    5
ICKL    3-CARRIER ADDR, CITY, ST
/NCI    04DS9.15S
/SAG    CLE
/SN     CARRIER NAME
/ASG    5
S&E
I1      ORCMX
/PIU    (100 or 0)
S&E
/IN
/CLS    90.HXGS.45678..OB
/ASG    5
1       XDHEX
1       NRBCL
1       CTG
/CKL    1
1       1L5XX
/QTY    0
/CKLT   3
1      (TMECS, TUJXX, OR TMEAX)
/CKL   3
1      NRBBL
/CKL   3
6      S25
/CKL   3
6      UTM
/CKL   3
```

NOTE: CKL ADDRESSES ARE ACTUALLY SHOWN AS THE HOUSE/ BUILDING ADDR, A # SIGN, AND A SAG CODE. FOR EXAMPLE: 1621 MAIN, CLEVELAND, OH MIGHT BE SHOWN AS 1621#ABC2.

OPTINET 384

Establish IC To IC OPTINET 384 Riding A DS3
With Non ANSI ESF
In The Same SWC

WISCONSIN

---S&E	
I1	ORCMX
/PIU	100
RASG	5
→ ICLS	44.HXGS.456789..WT
/CKR	384INSTALL
/PIU	100
/NC	HXZF
I1	XDHEX
I1	NRBCL
ICKL	1-CARRIER ADDR, CITY, ST
/LOC	FLR 1
/CFA	101 T3 5 (A-CLLI Z-CLLI)
/LSO	NPA NXX
/NCI	04DS6.44
/TAR	****
I1	CTG
ICKLT	2-(MUXLOC-Z CLLI OF CFA)
ICKL	3-CARRIER ADDR, CITY, ST
/LOC	FLR 1
/LSO	NPA NXX
/NCI	04DS9.15S
/SN	CARRIER NAME
/TAR	****
I0	1L5XX
I1	(TMECS, TUJXX, OR TMEAX)
I1	NRBBL
I6	S25
I6	UTM

**** Use appropriate 4 alphas to designated tax area.

OPTINET 384

Establish End User To End User OPTINET 384 With OPP And ANSI ESF In A Different SWC

ILLINOIS

```
---S&E
I1          ORCMX
/PIU        (100 or 0)
IG1         CLS .HXGS.456789..LB
/CKR        384INSTALL
/NC         HXZF
/PIU        (100 or 0)
/TAR        ***
/SSP
I1          XDHEX
I1          NRBCL
IG2         CKL 1-END USER ADDR, CITY, ST
/LOC        FLR 1
/LSO        NPA NXX
/NCI        04DU9.1SN
/SN         END USER NAME
/LCON       CONTACT NAME, NPA NXX-XXXX
I5          1L5XX
I1          CM6
I1          (TMECS, TUJXX, TMEAX, FQA1+, FQS1+, FQE1+)
/SPP        CT-OP1
/TA         (12, 36, OR 60)
I1          NRBBL
IG2         CKL 2-END USER ADDR, CITY, ST
/LOC        FLR 1
/LSO        NPA NXX
/NCI        04DU9.1SN
/SN         END USER NAME
/LCON       CONTACT NAME, NPA NXX-XXXX
I1          CM6
I1          (TMECS, TUJXX, TMEAX, FQA1+, FQS1+, FQE1+)
/SPP        CT-OP1
/TA         (12, 36, OR 60)
I1          NRBBL
I6          S25EX
```

NOTE: On Intrastate circuits where OPP is ordered, the 1L5XX and CM6 USOCs must also reflect the SPP and TA FIDS. OPP is not available on the 1L5XX and CM6 USOCs on Interstate circuits.

*** Use appropriate 3 digit number to designate tax area.

\+ Use A, B, or C.

OPTINET 384

Establish End User To End User OPTINET 384 With OPP And ANSI ESF In A Different SWC

INDIANA

```
---S&E
I1      ORCMX
/PIU    100
ICLS    .HXGS.456789..NB
/CKR    384INSTALL
/PIU    100
/SSP
I1      XDHEX
I1      NRBCL
ICKL    1-END USER ADDR, CITY, ST
/LOC    FLR 1
/NC     HXZF
/LSO    NPA NXX
/NCI    04DU9.1SN
/SN     END USER NAME
/LCON   CONTACT NAME, NPA NXX-XXXX
I5      1L5XX
I1      CM6
I1      (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
ICKL    2-END USER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DU9.1SN
/SN     END USER NAME
/LCON   CONTACT NAME, NPA NXX-XXXX
I1      CM6
I1      (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
I6      S25EX
```

OPTINET 384

Establish End User To End User OPTINET 384 With OPP And ANSI ESF In A Different SWC

MICHIGAN

```
---S&E
I1      ORCMX
/PIU    (100 or 0)
ICLS    .HXGS.456789..MB
/CKR    384INSTALL
/PIU    (100 or 0)
/NC     HXZF
I1      XDHEX
I1      NRBCL
ICKL    1-END USER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DU9.1SN
/SN     END USER NAME
/LCON   CONTACT NAME, NPA NXX-XXXX
I5      1L5XX
I1      CM6
I1      (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
ICKL    2-END USER ADDR, CITY, ST
/LOC    FLR 1
/LSO    NPA NXX
/NCI    04DU9.1SN
/SN     END USER NAME
/LCON   CONTACT NAME, NPA NXX-XXXX
I1      CM6
I1      (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60)
I1      NRBBL
I6      S25EX
```

OPTINET 384

Establish End User To End User OPTINET 384 With OPP And ANSI ESF In A Different SWC

OHIO

```
ICLS    90.HXGS.456789..OB
/CKR    384INSTALL
/PIU    (100 or 0)
/NC     HXZF
I1      XDHEX
ICKL    1-END USER ADDR, CITY, ST
/NCI    04DU9.1SN
/SAG    CLE
/SN     END USER NAME
ICKL    2-END USER ADDR, CITY, ST
/NCI    04DU9.1SN
/SAG    CLE
/SN     END USER NAME
S&E
I1      ORCMX
/PIU    (100 or 0)
S&E
/IN
/CLS    90.HXGS.45678..OB
1       XDHEX
1       NRBCL
1       CM6
/CKL    1
1       (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60) MO, CD
/CKL    1
1       iL5XX
/QTY    5
/CKL    1
1       NRBBL
/CKL    1
1       CM6
/CKL    2
1       (TMECS, TUJXX, OR TMEAX)
/SPP    CT-OP1
/TA     (12, 36, OR 60) MO, CD
/CKL    2
1      NRBBL
/CKL   2
6      S25EX
/CKL   2
```

NOTE: CKL ADDRESSES ARE ACTUALLY SHOWN AS THE HOUSE/ BUILDING ADDR, A # SIGN, AND A SAG CODE. FOR EXAMPLE: 1621 MAIN, CLEVELAND, OH MIGHT BE SHOWN AS 1621#ABC2.