

ACCESS SERVICE
 CHECK SHEET

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EXPLANATION OF ABBREVIATIONS (Cont'd)

PAL	-	Public Access Line	(N)
PBX	-	Private Branch Exchange	
PCM	-	Pulse Code Modulation	
PI	-	Priority Installation	
PLR	-	Private Line Ringdown	
POT	-	Point of Termination	
POTS	-	Plain Old Telephone Service	
PR	-	Priority Restoration	
PVC	-	Permanent Virtual Circuit	
Rf	-	Radio frequency	
rms	-	root-mean-square	
RPOA	-	Recognized Private Operating Agency	
RSM	-	Remote Switching Modules	
RSS	-	Remote Switching Systems	
SCP	-	Service Control Point	
SMS	-	Service Management System	
SP	-	Signaling Point	
SPOI	-	Signaling Point of Interconnection	
SRL	-	Singing Return Loss	
SSN	-	Switched Service Network	
SSP	-	Service Switching Point	
SS7	-	Signaling System 7	
STP	-	Signaling Transfer Point	
SVC	-	Switched Virtual Circuit	
SVS	-	Supertrunking Transport Video Service	
SWC	-	Serving Wire Center	
TCIC	-	Trunk Circuit Identification Code	
TES	-	Telephone Exchange Service(s)	
TG	-	Telegraph Grade	
TLP	-	Transmission Level Point	
TOPS	-	Traffic Operator Position System	
TSP	-	Telecommunications Service Priority	
TV	-	Television	
USOC	-	Uniform Service Order Code	
VG	-	Voice Grade	
V&H	-	Vertical & Horizontal	
WA	-	Wideband Analog	
WATS	-	Wide Area Telecommunications Service(s)	
WD	-	Wideband Data	

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.10 Fire Retardant Cable *

Fire Retardant Cable is low smoke, flame resistant sheathed cable for use in air return plenums or other air handling areas. It is furnished by the Company, upon customer request, as an alternative to exposed wiring or customer-provided conduit for cable when authorized by local building codes.

The nonrecurring charge for Fire Retardant Cable is in addition to all other applicable tariff rates and charges.

The nonrecurring charge for Fire Retardant Cable will not apply when the cable is reused in place.

Fire Retardant Cable is measured by the running foot.

The nonrecurring charges for Fire Retardant Cable are set forth in 31.13 following.

13.3.11 Public Access Line Optional Features

(N)

Public Access Line (PAL) optional features are supervisory and screening features for use with Public Access Line Service as provided under the general and/or local exchange service tariffs of the Telephone Company.

(N)
(N)
(N)

PAL optional features are provided at the rates specified in Section 31.13.12 following. The Local Switching Installation Nonrecurring Charge as set forth in Section 31.6.2(C) following applies when a PAL optional feature is ordered subsequent to the initial installation of the associated Public Access Line Service. When more than one PAL optional feature is ordered at the same time on the same Access Order, for the same due date and on the same Public Access Line Service, only one Local Switching Installation Nonrecurring Charge is applicable. Nonrecurring charge(s) are not applicable for any other optional feature(s) which are installed on the same Access Order, for the same due date and on the same Public Access Line Service.

(N)
(N)

PAL optional features are as specified in (A) through (D) following.

(N)

* New York Telephone only

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.11 Public Access Line Optional Features (Cont'd)

- (A) PAL Line Side Answer Supervision (N)
 Line Side Answer Supervision provides "off-hook" supervisory signals to (N)
 the customer premises equipment of a Public Access Line Service when the (N)
 called party answers the call. When a called party on-hook at the end (N)
 of a call is detected, the reverse battery is returned to normal (N)
 indicating that the called party has disconnected from the call. Line (N)
 Side Answer Supervision is available in 5ESS and DMS-100 central offices (N)
 where facilities permit. (N)
- (B) PAL Direct Dial Screening (N)
 PAL Direct Dial Screening blocks directly dialed toll calls made from a (N)
 Public Access Line Service, except when the directly dialed call is (N)
 placed to 800 numbers. With this service, toll calls may be placed on (N)
 an operator handled basis. Direct Dial Screening is available from (N)
 suitably equipped electronic end office switches where facilities (N)
 permit. With the exception of the State of Maine, Direct Dial Screening (N)
 is not available when the Public Access Line Service is provided with (N)
 municipal calling service. (N)
- (C) PAL Operator Screening (N)
 PAL Operator Screening alerts the operator that operator handled calls (N)
 and operator handled directory assistance calls which originate from a (N)
 Public Access Line Service may not be billed to the originating number. (N)
 With the assistance of an operator, calls may be placed on a calling (N)
 card, collect or charge to a third number basis. PAL Operator Screening (N)
 is available where facilities permit. (N)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.11 Public Access Line Optional Features (Cont'd)

- (D) PAL Terminating (Billed) Number Screening (N)
PAL Terminating (Billed) Number Screening provides screening of (N)
terminating calls to a Public Access Line Service as follows: (N)
 - (1) Option A alerts operators throughout the country that collect and (N)
third number calls cannot be billed to a particular number. (N)
 - (2) Option B alerts operators throughout the country that third number (N)
calls cannot be billed to a particular number. (N)
 - (3) Option C alerts operators throughout the country that collect calls (N)
cannot be billed to a particular number. (N)
- PAL Terminating (Billed) Number Screening is available where facilities (N)
permit. (N)

13.4 Reserved for Future Use

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31. The NYNEX Telephone Companies Rates and Charges (Cont'd)

31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

31.13.9 Controller Arrangement

	<u>USOC</u>	<u>Monthly Rate</u>
Controller Arrangement, each	XTDDU	
- New York/Connecticut		\$94.19
- All other states		ICB rates and charges apply.

31.13.10 Wiring/Line Investigation*

	<u>USOC</u>	<u>Nonrecurring Charge</u>
Wiring/Line Investigation, per investigation	WLN	\$101.00

31.13.11 Fire Retardant Cable**

2 pair per 25 ft. or fraction	TEW02	5.04
4 pair per 25 ft. or fraction	TEW04	4.03
25 pair per 25 ft. or fraction	TEW25	20.17
50 pair per 25 ft. or fraction	TEW50	60.52
75 pair per 25 ft. or fraction	TEW75	95.82
100 pair per 25 ft. or fraction	TEWAX	110.95

31.13.12 Public Access Line Optional Features

	<u>USOC</u>	<u>Monthly Rate</u>	
- PAL Line Side Answer Supervision, per public access line	(NOTE)	\$1.68	(N)
- PAL Direct Dial Screening per public access line	(NOTE)	2.72	(N)
- PAL Operator Number Screening per public access line	(NOTE)	0.00	(N)
- PAL Terminating (Billed) Number Screening, per public access line	(NOTE)	0.70	(N)

* New England Telephone only.

** New York Telephone only.

ICB rates and charges are filed in 31.7.14 preceding.

(NOTE) USOC to be assigned at a later date.

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NYNEX TELEPHONE COMPANIES

TARIFF F.C.C. NO. 1

**DESCRIPTION AND JUSTIFICATION
FOR
NYNEX PUBLIC ACCESS LINE OPTIONAL FEATURES**

NYNEX PUBLIC ACCESS LINE OPTIONAL FEATURES

INTRODUCTION

DESCRIPTION

DEVELOPMENT OF COSTS

DEVELOPMENT OF RATES

REVENUE ANALYSIS

APPENDIX

I. INTRODUCTION:

This Description and Justification filed by the NYNEX Telephone Companies (NYNEX) provides tariff and support documentation to introduce NYNEX Public Access Line Optional Features in the NYNEX Tariff FCC No. 1.

The NYNEX Public Access Line (PAL) Optional Features include Line Side Answer Supervision; Originating Number Screening consisting of: Direct Dialed Screening, Operator Number Screening; and Terminating Number Screening.

The NYNEX PAL Optional Features are introduced to comply with the FCC requirements associated with its Report and Order, In the Matter of the Pay Telephone Reclassification and Compensation Provisions of the Telecommunications Act of 1996, CC Docket 96-128 and CC Docket 91-35, adopted September 20, 1996 and its Order on Reconsideration in the same proceeding, adopted November 8, 1996.

These new features are being filed in accordance with Section 61.49 of the Commission's Rules.

II. FEATURE DESCRIPTIONS:

A. Line Side Answer Supervision

Line Side Answer Supervision (LSAS) optional feature provides "off-hook" supervisory signals to customer premises equipment of the PAL subscriber when the called party answers the call. When a called party is detected on-hook at the end of the call the reverse battery is returned to normal indicating that the called party has disconnected from the call. The LSAS feature permits improved accuracy of Customer Owned Coin Operated Telephones (COCOT) timing of sent paid calls. This service is provided where facilities permit.

B. Originating Number Screening

Originating Number Screening for PALs blocks attempts to make sent paid calls and provides two options:

- Direct Dialed Screening
- Operator Number Screening

1. Direct Dialed Screening

Direct Dialed Screening (DDS) for PALs blocks all customer dialed toll calls. Calls beginning with the numbers shown below are blocked:

- 1+ (toll)
- 011+
- 10XXX
- 101XXXX
- 411
- 1+555

Since the line is blocked in the central office, this option stops all directly dialed calls regardless of the primary or secondary Interexchange Carrier.

This option does not block calls made to:

- a number in a 508/617 local calling area that is reached by dialing 1+ an area code
- 800 numbers
- Interexchange Carriers whose facilities are reached by dialing a seven digit local telephone number (Feature Group A) or a Uniform Access Code, 950-XXXX (Feature Group B).

When a caller attempts to place a directly dialed call from a line equipped with the Direct Dialed Screening option, a recorded announcement advises the calling party that:

- the call cannot be completed as dialed
- the number should be checked and dialed again

- the caller should call the operator for assistance

Restrictions apply to customers who are located in Municipal Calling Service areas. This option is available to customers in Municipal Calling Service areas in Maine. In all other States, this option is unavailable with *Municipal Calling Service*.

This service will be available where facilities permit.

2. Operator Number Screening

Operator Number Screening for PALs diverts attempts to dial 0+ and 0- calls, including Calling Card calls, to the operator for assistance. The call processing system recognizes the 0+ prefix used to make these calls as an operator assisted call and does not allow the call to complete without operator assistance. The operator advises the caller that the call cannot be charged to the calling number and offers alternate billing arrangements, such as collect, calling card or billed to a third number.

The Operator Number Screening option is dependent on the PAL subscriber's inter-exchange carrier having the ability to provide operator service and the ability of the carrier to recognize the originating number screening option on the PAL line.

This service will be available where facilities permit.

C. Terminating Number Screening

Terminating Number Screening (TNS) for PALs blocks attempts to bill charges to a PAL line, i.e., it blocks attempts to bill collect and third number calls to the PAL line. The following options are available:

- Option A alerts operators that collect and third number calls cannot be billed to a particular number.
- Option B alerts operators that third number calls cannot be billed to a particular number.
- Option C alerts operators that collect calls cannot be billed to a particular number.

This service will be available where facilities permit.

III. DEVELOPMENT OF PAL OPTIONAL FEATURE COSTS:

The costs for PAL Optional Features have been developed through traditional procedures to reflect the costs incurred, including an appropriate return on investment. Monthly costs for the features were developed by first, deriving the NYNEX material investments, based on the type of serving switches and using the Switching Cost Information System (SCIS). The material investments were transformed into installed investments using Utilization factors, i.e., "fill" factors and Total Cost Installed (TCI) factors. Annual incremental costs were developed by applying the Incremental Annual Carrying Charge Factors (ACCF) to both the material investments and the vendor's Right To Use (RTU) fees. Monthly costs were determined by dividing the annual costs by twelve.

The Carrying Charge Factors are based on ARMIS data and reflect expenses associated with depreciation, return on investment, federal income tax, maintenance and direct administration.

The monthly cost per line associated with the features are as follows:

FEATURE	MONTHLY COST PER LINE
Line Side Answer Supervision	\$0.84
PAL Direct Dial Screening	\$1.36
PAL Operator Number Screening	\$0.00
PAL Terminating Number Screening	\$0.35

The derivation of the monthly cost per line is shown in the Appendix.

IV. DEVELOPMENT OF PAL OPTIONAL FEATURE RATES:

A. RECURRING RATES:

The monthly recurring rates for the LSAS, DDS, Operator Number Screening and Terminating Number Screening features are cost based and designed to recover a reasonable portion of overhead costs. The following table summarizes the cost and proposed monthly rate with cost to rate ratios:

FEATURE	MONTHLY COST PER LINE	PROPOSED MONTHLY RATE PER LINE	COST TO RATE RATIOS
Line Side Answer Supervision	\$0.84	\$1.68	.5
PAL Direct Dial Screening	\$1.36	\$2.72	.5
PAL Operator Number Screening	\$0.00	\$0.00	N/A
PAL Terminating (Billed) Number Screening	\$0.35	\$.70	.5

The cost to investment ratios are provided in the Appendix.

B. NON-RECURRING RATES

The work activities associated with the provisioning of the PAL optional features are virtually the same work activities required for the provisioning of features or BSEs on Feature Group A lines. The same processes, work flows, organizations, and time factors are required in the provisioning process. Therefore, NYNEX proposes that the existing Local Switching non-recurring rates and regulations for the installation of optional features and Basic Service Elements should apply as specified in the NYNEX Tariff F.C.C. No. 1, Section 6, 2nd Revised Page 87.1.

V. REVENUE ANALYSIS

NYNEX customers have traditionally purchased these features from the State tariffs at the time of initial service provisioning. The introduction of these features in the federal tariff is not likely to stimulate additional demand or features. Therefore, no additional revenues are forecasted in the federal jurisdiction.

Feature	Rate	Demand	Annual Revenue
Line Side Answer Supervision	\$1.68	0	\$0.00
PAL Direct Dialed Screening	\$2.72	0	\$0.00
PAL Operator Number Screening	\$0.00	0	\$0.00
PAL Terminating (Billed) Number Screening	\$0.70	0	\$0.00
Total		0	\$0.00

APPENDIX

DEVELOPMENT OF COST COMPONENTS

	LINE SIDE ANSWER SUPERVISION	DIRECT DIAL SCREENING	OPERATOR NUMBER SCREENING	TERMINATING (BILLED) NUMBER SCREENING	SOURCE	
1	WEIGHTED MATERIAL INVESTMENT	\$1.2386	\$31.113	\$0.000	\$8.0700	SCIS
2	UTILIZATION FACTOR	0.9474	0.9474	0.9474	0.9474	ENGINEERING
3	ADJUSTED MATERIAL COST	\$1.31	\$32.84	\$0.00	\$8.52	L1/L2
4	TCI FACTOR	1.6276	1.6276	1.6276	1.6276	SERVICE COST
5	TOTAL COST INSTALLED	\$2.13	\$53.45	\$0.00	\$13.87	L3*L4
6	COMMON AND PWR FACTOR	0.0897	0.0897	0.0897	0.0897	SERVICE COST
7	TCI WITH COMM AND PWR	\$2.32	\$58.25	\$0.00	\$15.11	L5+L5*L6
8	WEIGHTED RTU FEE PER 5ESS	\$8,772	NONE	NONE	NONE	SERVICE COST
9	NUMBER OF 5ESS SWITCHES	259	N/A	N/A	N/A	SERVICE COST
10	PAL LINES	67,569	N/A	N/A	N/A	MARKETING
11	NYNEX RTU FEE PER LINE	\$33.62	\$0.00	\$0.00	\$0.00	L.8 x L.9 / L.10
12	TOTAL IN PLACE INVESTMENT	\$35.94	\$58.25	\$0.00	\$15.11	L7+L11
13	ANNUAL SWITCH CCF	0.2799	0.2799	0.2799	0.2799	SERVICE COST
14	ANNUAL COST	\$10.06	\$16.31	\$0.00	\$4.23	L12*L13
15	MONTHLY COST PER LINE	\$0.84	\$1.36	\$0.00	\$0.35	L14/12
16	COST TO INVESTMENT RATIO	0.023	0.023	0.000	0.023	L15/L12

TCI = Total Cost Installed; PWR = Power; RTU = Right To Use; CCF=Carrying Charge Factor