

1. ISDN PRIME SERVICE**A. DESCRIPTION**

ISDN (Integrated Services Digital Network) Prime is a digital business service that provides PBX equipment and host computer access to a wide variety of switched services. These switched services include Circuit Switched Voice (local calling, Message Toll Service, Wide Area Telecommunications Service (WATS), and Custom 800) and Circuit Switched Data. Each ISDN Prime will allow connection of the aforementioned services via a single central office connection. This service allows PBX equipment and host computer type devices to connect to central office services in bulk quantity, rather than on a line by line or service by service basis.

Each ISDN Prime connection provides access from a customer premises to the Company's Circuit Switched Voice, Circuit Switched Data services via a 1.544 Mbps central office termination and a 1.544 Mbps Local Distribution Channel to the customer's premises. The Local Distribution Channel must be an AT&T Michigan provided facility. It may be a DS1 Local Distribution Channel, or part of a DS3, OC-3, OC-12, or other suitable Company facility with Clear Channel Capability. The rates and charges for the channel are in addition to those for the ISDN Prime connection. The central office connection is provided in base capacities of twenty-three 64 Kbps "B" channels and one 64 Kbps "D" channel (23B+D). The "D" channel is used for out-of-band signaling and control of the "B" channels. Where technology permits, "D" channels can be shared by multiple ISDN Primes for the same customer. "B" channels can be dedicated to each Circuit Switched Voice and Circuit Switched Data service by type or they can be shared among service types by using the call by call feature.

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1. ISDN PRIME SERVICE (cont'd) (C)

<i>B. DEFINITIONS</i>

"B" Channel

"B" Channel (Bearer Channel) is a 64 Kbps digital channel capable of transporting Circuit Switched Voice and Circuit Switched Data. (C)(D)
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"D" Channel

"D" Channel (Delta Channel) is a 64 Kbps digital channel used to transport signaling and control information.

Out of Band Signaling

Out of Band Signaling is signaling that is separated from the channel carrying the Circuit Switched Voice and Data services. (C)

Unlimited Local Usage

An optional plan that provides a flat monthly rate for unlimited local usage on Circuit-Switched Voice and Circuit-Switched Data traffic. (C)

1. ISDN PRIME SERVICE (cont'd)

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C. TERMS AND CONDITIONS

1. ISDN Prime is offered only from central offices where the Company has arranged facilities for such service. ISDN Prime may be extended to central offices within the same Local Access Transport Area (LATA) through the application of Company-provided DS1, DS3, OC-3, OC-12 Service or other suitable Company services. This arrangement is not available in Independent Telephone Company (ITC) serving areas. (C)
2. The availability, functionality and capabilities of ISDN Prime Service features may vary based on the serving central office. (C)
3. Customers may choose the Unlimited Local Usage option in lieu of paying local Business Measured Service usage charges. This option allows customers to pay a flat rated monthly charge for usage, rather than Business Measured Service usage charges as described in Part 4 of Tariff M.P.S.C. No. 20R. This usage payment option applies only to Local Calling Areas as defined in Part 4, Section 1 of Tariff M.P.S.C. No. 20R. It does not apply to Extended Calling Areas. In addition, it may not be combined with CompleteLink, SimpleLink, ValueLink, or any other optional calling plans and/or packages. (C)
4. The entire ISDN PRI service for the same customer of record furnished at the same premises must be uniformly on the same usage rate basis. Combinations of usage rate methods are not allowed. (C)
5. When an ISDN Prime subscriber is also the customer of record for the Company's high speed transport services, the ISDN Prime customer may request provisioning of the ISDN Prime over their high speed transport service's vacant bandwidth. (C)
6. The same customer of record is required for both ISDN Prime and the associated Company facility. Sharing of common transport or ISDN Prime arrangements between multiple customers is not permitted. (C)

1. ISDN PRIME SERVICE (cont'd)***D. FEATURES******1. Standard Features*****Alternate Routing**

Allows a customer's incoming ISDN Prime traffic to be directed to a predetermined alternate route when all B Channels in the ISDN Prime trunk group are busy. The incoming traffic will be route advanced to another ISDN Prime Trunk Group or to an analog DID trunk group as long as the alternate route is within the same switch, is billed to the same customer of record, and is billed usage on the same rate basis. Calls may not route between trunk-side services and line-side services. All incoming calls will automatically alternate route on both an out of service and overflow basis to the alternate ISDN Prime Trunk Group or an analog DID trunk group. Multiple Alternate Routes may be linked together although the total number of Alternate Routes may be limited due to technical restrictions.

Call by Call for Trunk Groups

Allows the Circuit Switched Voice and Data services enabled on the ISDN Prime to share "B" channels and arrange them as a single trunk group. This allows incoming and outgoing Circuit Switched Voice and Data calls to utilize "B" channels on a call by call basis. Without this capability, each service will have a dedicated "B" channel.

Caller ID

All calling numbers presented to the services working on ISDN Prime can be delivered to the customer's CPE, including calls made to Direct Inward Dialing Service telephone numbers. This feature is optioned on a per trunk group basis only and is offered in appropriately equipped central offices.

Blocked Caller ID will be delivered to certain qualifying customers as described in FCC Memorandum Opinion and Order, CC Docket No. 91-281, adopted January 4, 2002. Such customers must certify to SBC compliance with the waiver order's eligibility requirements.

Clear Channel Capability

The "B" channels on the ISDN Prime are clear, since all signaling and control functions are handled by the "D" channel. This allows all 64 kbps on each "B" channel to be used for customer information over the ISDN Prime connection. Calls over the network may either by 56 kbps or 64 kbps depending on the public network in place between the ISDN Prime and the distant end of the call.

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1. ISDN PRIME SERVICE (cont'd)**D. FEATURES (cont'd)****1. Standard Features (cont'd)****"D" Channel Control of Multiple ISDN Primes**

Provides capability for a single "D" channel to provide signaling and control for one or more ISDN Prime connections. The twenty-fourth channel on one or more ISDN Prime connections is then made available for incoming and outgoing calls.

Dedicated Trunk Groups

Allows all 23 channels (24 where technology permits), or a subset thereof, to be used as stand alone trunk groups. Each channel is capable of handling incoming or outgoing Circuit Switched Voice or Circuit Switched Data.

Digital Voice Transmission

All voice calls are transmitted using digital signaling.

Direct Inward Dialing Signaling

Permits incoming dialed calls from the exchange network to reach a specific number served by customer-premises equipment (CPE) without the assistance of an attendant. It also provides for the unique identification of the call based on digits sent to the CPE by the central office. The central office will outpulse digits to the CPE which can further process the calls as desired.

Equal Access for InterLATA Calling

Allows the customer to preselect an Interexchange Carrier for each Circuit Switched Voice or Circuit Switched Data trunk group. The carrier designation can be changed for charges shown in SBC Operating Companies Access Service Tariff, F.C.C. No. 2, Section 4.2(C).

PBX Station ID Capability

Allows the station user's number (calling party) to be transmitted over the ISDN Prime "D" channel from Direct Inward Dialing equipped CPE PBXs that use ISDN Prime. This number is provided by the originating station and must have an associated Direct Inward Dialing telephone number working in the central office.

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1. ISDN PRIME SERVICE (cont'd)

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D. FEATURES (cont'd)**2. Optional Features****2 B Channel Transfer**

Allows the ISDN Prime to connect two calls, transfer the call together and then release the parties from the ISDN Prime.

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Backup "D" Channel Arrangement

Provides backup for primary "D" channel under those circumstances where multiple ISDN Primes share a single "D" channel. A predetermined channel on another ISDN Prime connection will automatically take over call signaling for Circuit Switched Voice and Data calls. The back up "D" channel arrangement is strongly recommended if three or more ISDN Primes are controlled by a single "D" channel.

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Call By Call for FX

Allows Foreign Exchange calls to be directed to and originated from ISDN Prime "B" channels. This provides Call By Call Service selection for incoming and outgoing Circuit Switched and Private Facility services (National ISDN only).

1. ISDN PRIME SERVICE (cont'd)

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D. FEATURES (cont'd)**2. Optional Features****Call By Call for Tie Lines**

Allows Tie Line calls to be directed to and originated from the ISDN Prime "B" channels. This provides Call By Call Service selection for incoming and outgoing Circuit Switched and Private Facility services.

ISDN Calling Name ID

Allows ISDN Calling Name Identification with call control to send calling party information to ISDN Class II equipment.

Circular Hunt

Circular Hunt is a switch feature that dynamically points each new call attempt to the next idle B Channel following the last channel either to have accepted a call or the last Channel to have attempted to place a call. Circular Hunt serves to evenly distribute traffic through all the B Channels in the trunk groups within the route list in a forward (ascending) circular fashion.

Network Name Display

Allows the name of a station user calling over an ISDN Prime to be forwarded for display on a properly equipped customer-provided set. The terminating system may be in the same or a different central office.

Network Ring Again

Enables station users whose Digital PBX is connected to a central office by ISDN Prime to complete calls to a busy station line in another system without redialing. The system may be in the same or a different central office.

System Intercommunication Service

Allows ISDN Prime "B" channels to connect to a Centrex business system or another ISDN Prime that originates in the same central office. This feature is offered on a per trunk group basis only. (C)

Redirected Number

Provides the redirected number (i.e., the directory number to which the call was last presented) to the CPE, as well as the calling number in cases such as call forwarding. If, during the call establishment phase, the call is redirected to another directory number by call forwarding, both the calling party number and the redirected number are delivered to the called party. If a call is redirected multiple times, only the first and the last redirecting numbers are delivered. Available where technical capabilities exist.

1. ISDN PRIME SERVICE (cont'd)**E. Technical References**

Customer-provided equipment compatibility requirements are listed in the Company's ISDN Interface Specifications. The availability and functions of the features and capabilities may vary by serving central office. All customer-provided equipment used to interface with ISDN Prime is required to conform with the Technical Reference Specifications as used by the Company and found in Technical Reference:

<u>Subject</u>	<u>Technical Reference</u>
Ameritech ISDN Interface Specification	AM-TR-NIS-000068

The Technical Reference can be obtained from:

APEX Support Team
(734) 523-7348

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1. ISDN PRIME SERVICE (cont'd)**F. Prices****1. Service Elements**

<u>Description /Billing Code/</u>	<u>Nonrecurring Charge</u>	<u>Monthly</u>	Monthly Payment <i>Term Payment Plans</i>			
			<u>12 Months^{/2/}</u>	<u>24 Months^{/2/}</u>	<u>36 Months^{/2/}</u>	<u>60 Months^{/1//2/}</u>
ISDN Prime (Custom)						
- each /ZPAZD/	\$2,000.00	\$7,711.00(I)	\$980.00	\$860.00	\$810.00	\$750.00
ISDN Prime (National)						
- each /ZPQZD/	2,000.00	7,711.00(I)	980.00	860.00	810.00	750.00
Backup "D" Channel						
- each /ZPBXD/	200.00	135.00	120.00	120.00	115.00	110.00
Call By Call for FX						
- per trunk group /C2Q/	75.00	25.00	25.00	25.00	20.00	17.50
Call By Call for Tie Lines						
- per trunk group /C3Q/	75.00	25.00	25.00	25.00	20.00	17.50

/1/ Effective October 1, 2013, customers may not establish new term plans greater than 36 months for ISDN Prime, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months.

/2/ Upon expiration of the TPP, if the customer has not entered into a new TPP contract or term extension or has disconnected service, the Monthly extension rates will apply (see Paragraph 1.F.3.1.c.) The Monthly extension rates are equal to one hundred fifty percent (150%) of the customers expiring contractual rate.

1. ISDN PRIME SERVICE (cont'd)**F. PRICES (cont'd)****1. Service Elements (cont'd)**

Description /Billing Code/	Non- Recurring Charge	Monthly	12 Months ^{/2/}	Monthly Payment Term Payment Plans			60 Months ^{1//2/}	(C)
				24 Months ^{/2/}	36 Months ^{/2/}			
System Inter- communication Service								
- per trunk group								
• Circuit Switched Voice or Data /ZCMCX/	\$150.00	\$ 40.00						
Circular Hunt								
- per ISDN Prime /NZSPR/	50.00							
Network Ring Again								
- per trunk group /ZRA/	400.00	75.00	\$75.00	\$75.00	\$65.00	\$55.00		

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1. ISDN PRIME SERVICE (cont'd)**F. Prices (cont'd)**

1. Service Elements (cont'd)

Description /Billing Code/	Nonrecurring Charge	Monthly	12 Months ^{/2/}	Monthly Payment Term Payment Plans			60 ^{/1//2/} Months	(C)
				24 Months ^{/2/}	36 Months ^{/2/}			
Network Name Display - per trunk group /ZNN/	\$400.00	\$ 75.00	\$ 75.00	\$ 75.00	\$ 65.00		\$ 55.00	
Telephone Numbers - DID station numbers, each /LTG6X/	-	.20	-	-	-		-	
ISDN Calling Name ID - per trunk group /NM1PG/	200.00	85.00						
2 B Channel Transfer - per trunk group /2BTPG/	150.00	60.00						
Redirected Number - per ISDN Prime /RN4PQ/	150.00							
Unlimited Local Usage - per ISDN Prime /UTW/	-	1,000.00	925.00	825.00	750.00		650.00	
Changes and/or additions to an existing ISDN Prime - per occasion, per Prime /REA1F/	150.00							

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1. ISDN PRIME SERVICE (cont'd)***F. PRICES (cont'd)*****2. Other Applicable Charges and Payments**

The price structure for each ISDN Prime shall include charges for an ISDN Prime including optional features, an Company-provided DS1 Service Local Distribution Channel and End User Common Line Charges (EUCL). These charges represent the physical components of the customer's service.

WATS Service and Custom 800 Service are available over the ISDN Prime at their current tariff charges.

Calls will be subject to the usage charges for the services provisioned on the channels. Local Message Charges for usage will apply to Local Service Area voice and Circuit Switched Data calls provisioned on the channel. Message Toll charges will apply to calls outside the Local Service Area. Custom 800 and WATS usage charges apply.

Customers who choose the Unlimited Local Usage option will pay a monthly flat rated Unlimited Local Usage charge as described in this Guidebook Part and Section, in lieu of Business Measured Service usage charges.

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1. ISDN PRIME SERVICE (cont'd)**F. Prices (cont'd)****2. Other Applicable Charges and Payments (cont'd)**

<u>Service</u>	<u>Reference</u>	
DS1, DS3, OC-3, OC-12	Part 15, Section 3	(C)
DS3, OC-3, OC-12 Service	F.C.C. No. 2, Section 7	(D)
End User Common Line Charges (EUCL)	F.C.C. No. 2, Section 4.1.7	
Circuit Switched Voice Exchange Service, Message Rate	Part 4, Section 2	
Circuit Switched Data Exchange Service, Message Rate	Part 4, Section 2	
Wide Area Telecommunications Service and Custom 800	Part 10, Section 1	
Message Toll Service	Part 9, Section 1	

1. ISDN PRIME SERVICE (cont'd)**F. PRICES (cont'd)****3. Payment Plans**

- **Month to Month**

ISDN Prime is offered on a Month-to-Month basis. The provision of ISDN Prime Service on a Month-to-Month basis is dependent on the availability and capacity of Central Office facilities. Month-to-Month prices will be subject to Company-initiated price adjustments.

- **Term Payment Plans**

ISDN Prime is offered under the Term Payment Plan (TPP) which allows the customer to pay for the service over a customer selected Term Payment Plan.

Customers may elect to subscribe to ISDN Prime service for an extended period under a Term Payment Plan (TPP) option which allows the customer to select a 12-, 24-, 36- or 60^{/1/}-month payment plan. During the length of the selected TPP, monthly prices for service elements ordered under the plan will automatically change (increase or decrease) as Company-initiated price changes become effective. However, under no circumstances will any price change cause the monthly price for those service elements to exceed the price that was in effect at the beginning of the selected TPP term. (C)

In addition to other regulations of this tariff, the following terms and conditions apply to Term Payment Plans:

Changes

1. With the written permission of the Company, the obligation to pay the TPP charges may be assumed by another customer if the service has not been terminated and if the other customer intends to continue using the service at the present location and actually continues such use. Such assumption of service does not relieve or discharge the original customer from remaining jointly or severally liable with the transferee for any and all obligations existing at the time of the transfer.

/1/ Effective October 1, 2013, customers may not establish new term plans greater than 36 months for ISDN Prime, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months.

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1. ISDN PRIME SERVICE (cont'd)**F. PRICES (cont'd)****3. Payment Plans (cont'd)**• **Term Payment Plans (cont'd)****Changes (cont'd)**

2. During a customer's TPP term, conversion may be made to a new TPP term of the same or different length, if the expiration date for the new TPP is beyond the end of the current TPP. The new TPP becomes effective upon execution. Customers may also change from a Month-to-Month Payment Plan to a TPP. No credit for months under the previous TPP or under the Month-to-Month plan may be transferred to the new TPP. The customer incurs no liability for the remaining months on the current TPP, since the change is not considered a termination of service. The prices applicable for the new term are those currently in effect for new customers.

Moves

1. Change in the physical location ("Move") of ISDN Prime service and the associated 1.544 Mbps Local Distribution Channel (see paragraph 1.A), which requires simultaneous service operation at both the current location ("Replaced Service") and the new location ("New Service") for a finite period of time ("Overlapping Service") or which are accomplished through a coordinated disconnection of the Replaced Service and simultaneous connection of the New Service ("Flash Cut"), whether within the same serving central office or to a different serving central office, will not incur Termination Charges as a result of the Move, subject to the following conditions:
 - a. The customer retains the current contract term or converts to a new contract term having an expiration date which is beyond that of the current contract.
 - b. Nonrecurring Charges for the ISDN Prime, the associated 1.544 Mbps Local Distribution Channel and all other associated Service Elements apply. The customer will experience some down time on the ISDN Prime service during the physical Move of the transport element.
 - c. A service order must be placed for the New Service. If the customer retains the current contract, the Monthly Payment for the New Service will be equal to the Monthly Payment of the Replaced Service. If the customer converts to a new contract (see a.), Monthly Payment for the ISDN Prime, the associated 1.544 Mbps Local Distribution Channel and all associated Service Elements.
 - d. The New Service location must be anywhere the Company provides ISDN Prime service pursuant to this guidebook.

1. ISDN PRIME SERVICE (cont'd)**F. PRICES (cont'd)****3. Payment Plans (cont'd)**

- **Term Payment Plans (cont'd)**

Conversions to and from Unlimited Local Usage option

1. Customers may convert existing ISDN Prime service from Business Measured Service usage to the Unlimited Local Usage option, however the current ISDN Prime TPP contract will be terminated. Termination charges are not applicable when the customer converts to a new TPP term having an expiration date which is beyond that of the current. Otherwise, termination charges will apply.
2. Customers may convert existing ISDN Prime service from the Unlimited Local Usage option to Business Measured Service usage. Customers doing so may elect to retain their current TPP, or sign a new TPP contract. Customers retaining their current TPP will pay Termination charges on the Unlimited Local Usage rate element only. Termination charges are not applicable when the customer converts to a new TPP term having an expiration date which is beyond that of the current. Otherwise, termination charges will apply.

Options Available upon Term Payment Plan (TPP) Expiration

1. If the customer has a 12-, 24-, 36- or 60^{/1/}-Month TPP contract, the customer may:
 - a. At any time during the TPP contract term or an existing term extension as provided in this paragraph, extend their TPP contract with the same rates, terms and conditions for an additional 12-, 24- or 36-months. Term extensions may include associated DS1 Local Distribution Channels (LDCs). However, term extensions as described herein are not available for 1.544 Mbps LDCs which are provided as part of a higher level facility (as described in 1.A.). The availability of this term extension option at any time is subject to the Company's right to discontinue or to otherwise change this option. Customers who exercise the term extension are not entitled to a different rate based on the overall term as extended (e.g., customers who initially have a 36-month TPP contract and extend it by an additional 24 months are not entitled to the rates allowed under a 60-month TPP). An extension will begin on the expiration date of the existing TPP term or term extension. The customer will be required to sign an addendum to their TPP contract for each term extension.

Terms outlined in Paragraph F.3., disallowing any price change to cause the monthly price for contractual service elements to exceed the price that was in effect at the beginning of the selected TPP term, do not apply to TPP 12-, 24- or 36-month extension rates. AT&T reserves the right to change 12-, 24- or 36-month TPP extension rates (increase or decrease) at any time. Pursuant to applicable requirements, the Customer will be notified in advance of any price increases to their 12-, 24- or 36-month TPP contract extension rates.

During the 12-, 24- or 36-month term contract extension period(s), the customer may terminate the service, or any service components, at any service location on thirty (30) days' notice without incurring Termination Charges.

- /1/ Effective October 1, 2013, customers may not establish new term plans greater than 36 months for ISDN Prime, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months.

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1. ISDN PRIME SERVICE (cont'd)**F. PRICES (cont'd)****3. Payment Plans (cont'd)**• **Term Payment Plans (cont'd)**

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b. Upon expiration of the TPP, enter into a new written TPP contract at the then current TPP rate.

c. Upon expiration of the TPP, if the customer has not entered into a new TPP contract or term extension:

- For customer contracts expiring prior to November 1, 2017, continue service at the Month-to-Month price then currently in effect for the Month-to-Month Payment Plan or
- For customer contracts expiring on or after November 1, 2017, continue service at the Monthly Extension rates in effect at the time the TPP expires until the customer cancels or renews the service with a new TPP term. Subsequently, customers under the Monthly Extension rates may convert their existing service to either a 12-, 24- or 36-month TPP at the then current rates. The customer will not be assessed any associated nonrecurring charges as long as the physical serving arrangement does not change.

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Monthly Extension rates are equal to one hundred fifty percent (150%) of the customer's expiring contractual rate.

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d. Discontinue service.

2. There are no nonrecurring charges associated with renewing a TPP.

4. Termination Charges

In the event of termination of the service provided under the Term Payment Plan (TPP) during the TPP term, the customer will remain liable for payment of a percentage of the monthly TPP charges for the remainder of the term as indicated below, which shall upon any such termination immediately become due and payable in its entirety. Customers requesting termination of service prior to the expiration date of the TPP term will be liable for a termination charge. The termination charge for all TPP terms will be, in addition to any unpaid Special Construction or Nonrecurring Charges (excluding waived charges), equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's TPP term.

If Customer migrates an ISDN Prime service or service component, including DS1 used as transport for AT&T ILEC ISDN Prime service (the "Terminated ILEC Service") to a qualifying AT&T Business Voice over IP (BVoIP) Service, then AT&T will waive the Termination Liability Charge associated with the Terminated ILEC Service if:

- a. the Terminated ILEC Service has been installed at the Customer site for no fewer than 12 months, and
- b. the replacement AT&T BVoIP Service is installed or available at the same Customer site as the Terminated ILEC Service.

It is at the Company's sole determination whether a product change satisfies these requirements.

/1/ Material previously appearing on this page now appears on Page 15 of this section.

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