

Use Instructions

This BDS TRP is for carriers that establish PCIs, APIs, SBIs, and upper SBI limits at the study area level.  
The holding company BDS TRP is for carriers that establish a PCI, API, SBIs, and upper SBI limits at the holding company level.

Carriers generally are required to reflect exogenous cost adjustments for Telecommunications Relay Service (TRS), North American Numbering Plan Administration (NANPA) and regulatory fees in rates effective October, 1, 2020. However, the October 1, 2020 exogenous cost filing and rate adjustment is optional for carriers if the total amount of such exogenous cost adjustments would either increase rates or have a revenue impact of no more than \$960 per year.

This TRP calculates the exogenous cost adjustments for TRS, NANPA, and regulatory fees. As part of this calculation, the 2020-2021 tariff year exogenous cost adjustment for TRS is “grossed up” to enable rates to recover the annual amount over the remaining nine months in the tariff year.

Enter 0 in column 14 in the exogenous costs worksheet if end user BDS revenues from rates subject to ex ante rate regulation or total end user special access revenues or both are 0. The exogenous cost adjustments are 0 and the inputs to columns 1 through 13 in this worksheet are not required in these cases. Carriers may revise rates as long as the revised rates satisfy the existing PCI and upper SBI constraints.

Current entries are illustrative. Use actual data and modify spacing as needed.

Enter data in cells marked 'Input'. Output fields yield values based on formulas and input data.

Rates from three different time periods are required to complete the TRP. In the relevant cells, enter:

- rates at the last PCI update,
- current rates,
- proposed rates.

If a carrier has not changed any rate since the last PCI update, then rates at the last PCI update and current rates will be equal.

Enter data from 2020 FCC Form 499-A, and 2020 FCC Form 159-W if available, in the relevant cells in the exogenous costs worksheet to calculate the exogenous cost adjustments for TRS, NANPA, and regulatory fees.

Enter average monthly demand for monthly recurring rate elements over the entire base period and annual demand for non-recurring rate elements for the base period in the study area worksheet to calculate the revenues used in the price cap formulas. The worksheet multiplies monthly revenues derived from monthly recurring rates and average monthly demand by 12 to obtain annual revenues.

The term discount plans in the study area worksheet are examples. If a carrier offers discount plans with other term lengths and/or discounts, revise the relevant column headings to reflect these other term lengths, and revise the relevant formulas to reflect these other discounts to calculate the revenues for these plans.

*File Includes the following tabs:*  
Exogenous Costs  
Factor Dev(elopment)  
Study Area TRP

Exogenous Costs

Filing Date:09/24/2020

Filing Entity:Union Telephone Company

Transmittal Number:90

Contribution Factor Embedded in Existing Rates			Contribution Factors for Rates Effective October 1		
Factor	Existing Factor Value	Source FCC Order	Factor	Existing Factor Value	Source FCC Order
Reg Fee Factor:	0.00317	FCC 19-83	Reg Fee Factor:	0.00321	FCC 20-120
NANPA Factor:	0.0000908	DA 19-810	NANPA Factor:	0.0001267	DA 20-856
TRN Factor:	0.02779	DA 19-607	Other CTS TRN Factor:	0.01360	DA 20-692
			IP-CTS TRN Factor:	0.00962	DA 20-692

				Input from 2020 FCC Form 499A								
Holding Company ID	Holding Company Name	Study Area ID	Study Area Name	End User Interstate Surcharge for State or Federal Universal Service Contributions Line 403d Col 1	End User Interstate Local Private Line and Business Data Services ("Special Access") Line 406d Col 2	End User International Calls Originating and Terminating at Foreign Ports Line 412a* Col 3	End User Total Gross Revenues Line 420a Col 4	End User Interstate Gross Revenues Line 420d Col 5	End User International Revenues in Gross USC Base Line 420e Col 6	End User Revenues from Resellers Not Contributing to USC Line 511a Col 7	TRS IP CTS Contribution Base Revenues Line 514a Col 8	TRS Other Contribution Base Revenues Line 514b Col 9
Input	Input	Input	Input	Input	Input	Input	Input	Input	Input	Input	Input	Input
UNNT	Union Telephone Company	512297	Union Telephone Company									

\*Line 412a is equivalent to Line 412e on form 499-A

\*\* If the percentage of BDS revenues in column 14 equals 0, inputs to columns 1 through 13 are not required.

(If FCC Form 159-W is unavailable, calculate using lines from 2020 FCC Form 499-A and input the result below)						2019 Exogenous Costs Restated Using 2019 Contribution Base Revenues - BDS Non Competitive Services				2020 Exogenous Costs - BDS Non Competitive Services						
<div>Reg Fee Base Revenue Exclusions Input from form 159-W Line 13 Or The sum of form 499-A Line 409d + Line 409e + Line 410d + Line 410e + Line 416d + Line 416e + Line 511b + (Surcharges on mobile and satellite services identified as recovering universal service contributions and included in Line 403d or 403e). Round to the nearest dollar.</div>	End User Interstate Surcharge Factor	End User Total Special Access Revenues Including Interstate Surcharge	End User Total Special Access Portion of End User Interstate Gross Revenues on FCC Form 499A	End User Revenues from BDS Ex Ante Rate Elements / End User Total Special Access Revenues (including DSL and ETS) from 2019**	Reg Fee	TRS	NANPA	Sum 2019 Exog Costs	Reg Fee	IP TRS Fee	Other TRS Fee	NANPA	Sum 2020 Exog Costs	Gross Up Increment for TRS	Incremental Exogenous Costs for BDS Services (2)	
Col 10	Col 11	Col 12	Col 13	Col 14	Col 15	Col 16	Col 17	Col 18	Col 19	Col 20	Col 21	Col 22	Col 23	Col 24	Col 25	
Input	Col 1 / (Col 5 - Col 1)	Col 2 x (1 + Col 11)	Col 12 / Col 5	Input	Col 5 x 2019 Reg Fee Factor x Col 13 x Col 14	Col 5 x 2019 TRS Factor x Col 13 x Col 14	Col 4 x 2019 NANPA Factor x Col 13 x Col 14	Col 15 + Col 16 + Col 17	(Col 3 + Col 5 + Col 6 - Col 10) x 2020 Reg Fee Factor x Col 13 x Col 14	Col 8 x 2020 IP TRS Factor x Col 13 x Col 14	Col 9 x 2020 Other TRS Factor x Col 13 x Col 14	(Col 4 + Col 3 - Col 7) x 2020 NANPA Factor x Col 13 x Col 14	Col 19 + Col 20 + Col 21 + Col 22	(3/9) x (Col 20 + Col 21 - Col 16)	Col 23 + Col 24 - Col 18	

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Source		
GDP-PI Q4 2018	111.212	<a href="https://apps.bea.gov/iTable/iTable.cfm?reqid=19&amp;step=2">https://apps.bea.gov/iTable/iTable.cfm?reqid=19&amp;step=2</a>
GDP-PI Q4 2019	113.036	Table 1.1.4. Price Indexes for Gross Domestic Product (updated 3/26/20)

Holding Company ID	Holding Company Name	Study Area ID	Study Area Name	Productivity Factor (X Factor) Col 26	Percent Change in GDP-PI (GDP-PI) Col 27	Sum of Study Area 2019 Annual Recurring and Non-Recurring Revenues at Last PCI Update (from Study Area Tab) (R) Col 28	Incremental Exogenous Costs for BDS Services (Z) Col 29	Ratio of the Sum of Annual Revenues Plus Exogenous Cost Changes to Annual Revenues (w) Col 30	Study Area Current PCI Col 31	Study Area Proposed PCI Col 32	Date of Last PCI Update Col 33	Date of Current Rate Col 34	Date of Proposed Rate Col 35
Input	Input	Input	Input	0% in Mid-Course Filing	0% in Mid-Course Filing	(Col 41 + Col 44)	Col 25	(Col 28 + Col 29) / Col 28	Input from July 1, 2020 TRP	Col 31 x (1 + Col 30 x (Col 27 - Col 26) + Col 29 / Col 28)	Input	Input	Input
UNNT	Union Telephone Company	512297	Union Telephone Company	0.0000%	0.0000%				99.7345	99.7345	July 1, 2020	September 30, 2020	October 1, 2020

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Study Area Code:	512297
Study Area Name:	Union Telephone Company
Study Area Proposed PCI:	99.7345
Study Area Current PCI	99.7345

[illegible]

### Recurring Charges

[illegible]

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** DS1 SPECIAL ACCESS SERVICES **		DS1					
17.3.8	Channel Termination	DS1	\$167.64	\$167.64	\$167.64	0.00%	
17.3.8	Channel Mileage Termination	DS1	\$171.31	\$171.31	\$171.31	0.00%	
17.3.8	Channel Mileage Facility	DS1	\$3.41	\$3.41	\$3.41	0.00%	
** DS3 SPECIAL ACCESS SERVICES **		DS3					
** DDS Services **		DDS					
Digital Data Service - 2.4-19.2Kbps							
17.3.7	Channel Termination - 128 Kbps	DDS	\$128.07	\$128.07	\$128.07	0.00%	
17.3.7	Channel Termination - 256 Kbps	DDS	\$135.89	\$135.89	\$135.89	0.00%	
17.3.7	Channel Termination - 384 Kbps	DDS	\$143.71	\$143.71	\$143.71	0.00%	
	Channel Termination - 512 Kbps	DDS	\$151.55	\$151.55		0.00%	
	Channel Mileage Termination - 128 Kbps	DDS	\$151.63	\$151.63	\$151.63	0.00%	
	Channel Mileage Termination - 256 Kbps	DDS	\$227.30	\$227.30	\$227.30	0.00%	
	Channel Mileage Termination - 384 Kbps	DDS	\$303.08	\$303.08	\$303.08	0.00%	
	Channel Mileage Termination - 512 Kbps	DDS	\$359.40	\$359.40	\$359.40	0.00%	
	Channel Mileage Facility - 128 Kbps	DDS	\$1.59	\$1.59	\$1.59	0.00%	
	Channel Mileage Facility - 256 Kbps	DDS	\$1.88	\$1.88	\$1.88	0.00%	
	Channel Mileage Facility - 384 Kbps	DDS	\$2.13	\$2.13	\$2.13	0.00%	
	Channel Mileage Facility - 512 Kbps	DDS	\$2.42	\$2.42	\$2.42	0.00%	
17.3.7	Digital Data Service 56/64 Kbps						
17.3.7	Channel Termination	DDS	\$72.49	\$72.49	\$72.49	0.00%	
17.3.7	Channel Mileage Termination	DDS	\$72.47	\$72.47	\$72.47	0.00%	
17.3.7	Channel Mileage Facility	DDS	\$0.69	\$0.69	\$0.69	0.00%	
** WIDEband DATA AND WIDEband ANALOG SVCS **		WIDE					
** MISCELLANEOUS CHARGES ** (Access ordering, additional labor, etc.)		MISC					

### Non-recurring Charges

[illegible]

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	** MISCELLANEOUS CHARGES ** (Access ordering, additional labor, etc.)	MISC					