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ome Study Area Selection	Main Page	Study Area Data Input Menu	CAF & ARC Output	Historic Repo	rts Certif	ication In	structions & Docu	uments C	Contact Us	
dy Area: SANTEL COM ding Company: SANB										
				Access Recover	av Chargos					
ecalculate ARC Rates 8	CAF Support r	evenues		Access Recover	y charges					
Test Period 2021-22 Pre	e-True-up View	Test Period 20	21-22 Post-True-Up	(Filing) View						
Test Period 2021-202										
Exchange/Zone Name	Residential Lines excluding Lifelines	Residential ARC	Residential ARC Revenue	SLB Lines SL	B ARC	SLB ARC Revenue	MLB Lines	MLB ARC	MLB ARC Revenue	
Alpena										
Artesian										
Ethan										
Forestburg										
Letcher										
Mount Vernon										
Parkston										
Tripp										
Wolsey										
Woonsocket										
Study Area Summary										

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Study Area: SANTEL COMMUNICATIONS COOPERA										4
Holding Company: SANBORN TELEPHONE COOPE	RATIVE (ID: 2									
		Intras	tate Revenu	-	exhibit)				Download TRP	Data in Excel
View TRP report in Excel			Intrastat	e Revenues						
Test Year 2021-2022 Expected Maximum Intrastate	Revenue: \$0. 0	00								
Col D 	Col E 	Col F 	Col G 	Col H 	Col I -	Col J H*I	Col K -	Col L 	Col M [(L/K)^(12/21)-1]*100	Col N H*L
Rate Element Description	Unit of Demand		Test Year 2020-	7/1/2021	FY 2011	Intrastate Price		Test Year 2021- 2022 Forecasted	Intrastate Units Growth Rate %	TY 2021-22 Forecasted
		Interstate Rate	2021 Current Intrastate Rate	Proposed Intrastate Rate	Non-Dedicated or Originating and Terminating for Dedicated	7/1/2021 proposed intrastate rate	Terminating for Non-Dedicated	Intrastate Units	Growth Rate %	Intrastate Revenue
Terminating End Office Access Service Terminating End Office, Premium,	моџ				Elements					
Terminating End Office Access Service Terminating End Office, Non-	мои									
Premium, per access minute Entrance Facility, Per Termination Voice Grade Two Wire Entrance Facility, Per Termination Voice Grade Four Wire	Termination Termination									
Entrance Facility, Per Termination Voice Grade Four Wire Entrance Facility, Per Termination High Capacity DS1	Termination									
Entrance Facility, Per Termination High Capacity DS3 Entrance Facility, Per Termination Synchronous Optical Channel OC3	Termination Termination									
Entrance Facility, Per Termination Synchronous Optical Channel OC12 Entrance Facility, Per Termination ESALT 2 Mbps	Termination Circuit									
Entrance Facility, Per Termination ESALT 10 Mbps	Circuit									
Entrance Facility, Per Termination ESALT 50 Mbps Direct Trunked Transport Facility/ Mile Voice Grade - Two Wire & Four	Circuit Mile									
Wire Direct Trunked Transport Facility/ Mile High Capacity DS1	Mile									
Direct Trunked Transport Facility/ Mile High Capacity DS3 Direct Trunked Transport Facility/ Mile Synchronous Optical Channel OC3	Mile									
Direct Trunked Transport Facility/ Mile Synchronous Optical Channel OC12	Mile									
Direct Trunked Transport Facility/ Mile ESALT 2 Mbps DTF-E1	Circuit Miles									
Direct Trunked Transport Facility/ Mile ESALT 2 Mbps DTF-E2 Direct Trunked Transport Facility/ Mile ESALT 2 Mbps DTF-E3	Circuit Miles Circuit Miles									
Direct Trunked Transport Facility/ Mile ESALT 2 Mbps DTF-E4 Direct Trunked Transport Facility/ Mile ESALT 10 Mbps DTF-E1	Circuit Miles Circuit Miles									
Direct Trunked Transport Facility/ Mile ESALT 10 Mbps DTF-E2	Circuit Miles									
Direct Trunked Transport Facility/ Mile ESALT 10 Mbps DTF-E3 Direct Trunked Transport Facility/ Mile ESALT 10 Mbps DTF-E4	Circuit Miles Circuit Miles									
Direct Trunked Transport Facility/ Mile ESALT 50 Mbps DTF-E1 Direct Trunked Transport Facility/ Mile ESALT 50 Mbps DTF-E2	Circuit Miles Circuit Miles									
Direct Trunked Transport Facility/ Mile ESALT 50 Mbps DTF-E3 Direct Trunked Transport Facility/ Mile ESALT 50 Mbps DTF-E4	Circuit Miles Circuit Miles									
Direct Trunked Transport Facility/Termination Voice Grade - Two Wire &	Termination									
Four Wire Direct Trunked Transport Facility/Termination High Capacity DS1	Termination									
Direct Trunked Transport Facility/Termination High Capacity DS3 Direct Trunked Transport Facility/Termination Synchronous Optical	Termination									
Channel OC3 Direct Trunked Transport Facility/Termination Synchronous Optical	Termination									
Channel OC12 Direct Trunked Transport Facility/Termination ESALT 2 Mbps	Termination									
Direct Trunked Transport Facility/Termination ESALT 10 Mbps	Circuit terms Circuit terms									
Direct Trunked Transport Facility/Termination ESALT 50 Mbps Multiplexing, Per Arrangement DS3 to DS1	Circuit terms Termination									
Multiplexing, Per Arrangement DS1 to Voice Customer Node Per Node OC3 155.52 Mbps	Termination Port									
Customer Node Per Node OC12 622.08 Mbps	Port									
Customer Premises Port, Per Port OC3 155.52 Mbps Customer Premises Port, Per Port STS-1 51.84 Mbps	Port Port									
Customer Premises Port, Per Port DS3 44.736 Mbps Customer Premises Port, Per Port DS1 1.544 Mbps	Port Port									
Add/Drop Multiplexing Central Office Port, Per Port DS1 1.544 Mbps	Port									
Add/Drop Multiplexing Central Office Port, Per Port OC3 155.52 Mbps Add/Drop Multiplexing Central Office Port, Per Port DS3 44.736 Mbps	Port Port									
Network Blocking, Per Blocked Call Network Blocking, Per Blocked Call, Applies to FGD only	Call									
ESALT Real Time CoS/QoS, Per ESALT DTF-E1 Facility ESALT 2 Mbps ESALT Real Time CoS/QoS, Per ESALT DTF-E1 Facility ESALT 10 Mbps	Facility									
ESALT Real Time CoS/QoS, Per ESALT DTF-E1 Facility ESALT 50 Mbps	Facility Facility									
ESALT Entrance Facility Protection, Per ESALT Entrance Facility ESALT 2 Mbps ESALT Entrance Facility Protection, Per ESALT Entrance Facility ESALT 10	Circuit									
Mbps ESALT Entrance Facility Protection, Per ESALT Entrance Facility ESALT 50	Circuit									
Mbps Common Channel Signaling Network Connection Signaling Mileage	Circuit Mile									
Facility, Per Mile Common Channel Signaling Network Connection Signaling Mileage Termination, Per Termination	Termination									
Common Channel Signaling Network Connection Signaling Entrance Facility, Per Facility	Facility									
Common Channel Signaling Network Connection STP Port, Per Port	Port									
Terminating Tandem Switched Transport Terminating Tandem Switched Transport Facility	Minutes / Mile									
Terminating Tandem Switched Transport Terminating Tandem Switched	Minutes									

Termination						
Terminating Tandem Switched Transport Terminating Tandem Switching	Minutes					
Nonrecurring Charges Voice Grade Two Wire	Facility					
Nonrecurring Charges Voice Grade Four Wire	Facility					
Nonrecurring Charges High Capacity DS1	Facility					
Nonrecurring Charges High Capacity DS3	Facility					
Nonrecurring Charges Synchronous Optical Channel OC3	Facility					
Nonrecurring Charges Synchronous Optical Channel OC12	Facility					
Nonrecurring Charges Interim NXX Translation, Per Order	Order					
Nonrecurring Charges FGC and FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling, per 24 trunks converted or fraction thereof on a per order basis	Order					
Nonrecurring Charges Trunk Activation, per 24 trunks activated or fraction thereof on a per order basis	Order					
Nonrecurring Charges Flexible Automatic Number Identification (Flex ANI), per End Office, per CIC	End Office					
Nonrecurring Charges ESALT 2 Mbps	Facility					
Nonrecurring Charges ESALT 10 Mbps	Facility					
Nonrecurring Charges ESALT 50 Mbps	Facility					
Nonrecurring Charges ESALT Direct Trunked Termination, per ESALT Direct Trunked Termination installed	Order					
Nonrecurring Charges ESALT Entrance Facility Protection, per ESALT Entrance Facility	Facility					

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me Study Area Selection	Main Page	Study Area Dat Input Menu	ta CAF & ARC OL	utput Histori	ic Reports Certifi	cation Instruct	ions & Documents	Contact Us	
y Area: SANTEL CO ing Company: SAN									
<u>Download Local Rat</u> Jpload Residential I		Study	Area - Exchange I	Level Resident	tial Lines and Loca	I Rates for ARC		Input Test-Period	<u>Broadband-only L</u>
Exchange Level Resi	dential Lines & Ra	ates Resid	lential Lines & Rates	s Summary	Study Area Test Pe	riod Lines			
Note: The Propose	d Residential ARC	C rate are calcu	lated based on the i	inputs for all the Costs,	as of January 1, 202 Eligible Recoveries , if applicable). o refresh this screer	(such as Intrastate	e, Interstate and Rec	iprocal Compensa	tion and Exogenous
' Note: The Proposed Exchange/Zone Name	d Residential ARC Residential Access Lines	C rate are calcu Life Lines	lated based on the i Residential Lines excluding Life Lines	inputs for all the Costs,	Eligible Recoveries , if applicable).	(such as Intrastate	January 1, 2012 Amount (above)/below \$30.00 Rate		tion and Exogenous Proposed Residential ARC Rate *
Exchange/Zone	Residential	Life	Residential Lines excluding	inputs for all the Costs, Click here to Total Residential Charges on January 1,	Eligible Recoveries if applicable). or refresh this screen January 1, 2021 Amount (above)/below \$30.00 Rate	(such as Intrastation Total Residential Charges on January 1,	January 1, 2012 Amount (above)/below	Current Residential	Proposed Residential
Exchange/Zone Name	Residential	Life	Residential Lines excluding	inputs for all the Costs, Click here to Total Residential Charges on January 1,	Eligible Recoveries if applicable). or refresh this screen January 1, 2021 Amount (above)/below \$30.00 Rate	(such as Intrastation Total Residential Charges on January 1,	January 1, 2012 Amount (above)/below \$30.00 Rate	Current Residential	Proposed Residential
Exchange/Zone Name	Residential	Life	Residential Lines excluding	inputs for all the Costs, Click here to Total Residential Charges on January 1,	Eligible Recoveries if applicable). or refresh this screen January 1, 2021 Amount (above)/below \$30.00 Rate	(such as Intrastation Total Residential Charges on January 1,	January 1, 2012 Amount (above)/below \$30.00 Rate	Current Residential	Proposed Residential
Exchange/Zone Name Alpena Artesian	Residential	Life	Residential Lines excluding	inputs for all the Costs, Click here to Total Residential Charges on January 1,	Eligible Recoveries if applicable). or refresh this screen January 1, 2021 Amount (above)/below \$30.00 Rate	(such as Intrastation Total Residential Charges on January 1,	January 1, 2012 Amount (above)/below \$30.00 Rate	Current Residential	Proposed Residential
Exchange/Zone Name Alpena Artesian Ethan	Residential	Life	Residential Lines excluding	inputs for all the Costs, Click here to Total Residential Charges on January 1,	Eligible Recoveries if applicable). or refresh this screen January 1, 2021 Amount (above)/below \$30.00 Rate	(such as Intrastation Total Residential Charges on January 1,	January 1, 2012 Amount (above)/below \$30.00 Rate	Current Residential	Proposed Residential
Name Alpena Artesian Ethan Forestburg	Residential	Life	Residential Lines excluding	inputs for all the Costs, Click here to Total Residential Charges on January 1,	Eligible Recoveries if applicable). or refresh this screen January 1, 2021 Amount (above)/below \$30.00 Rate	(such as Intrastation Total Residential Charges on January 1,	January 1, 2012 Amount (above)/below \$30.00 Rate	Current Residential	Proposed Residential
Exchange/Zone Name Alpena Artesian Ethan Forestburg Letcher	Residential	Life	Residential Lines excluding	inputs for all the Costs, Click here to Total Residential Charges on January 1,	Eligible Recoveries if applicable). or refresh this screen January 1, 2021 Amount (above)/below \$30.00 Rate	(such as Intrastation Total Residential Charges on January 1,	January 1, 2012 Amount (above)/below \$30.00 Rate	Current Residential	Proposed Residential
Exchange/Zone Name Alpena Artesian Ethan Ethan Forestburg Letcher Mount Vernon Parkston Tripp	Residential	Life	Residential Lines excluding	inputs for all the Costs, Click here to Total Residential Charges on January 1,	Eligible Recoveries if applicable). or refresh this screen January 1, 2021 Amount (above)/below \$30.00 Rate	(such as Intrastation Total Residential Charges on January 1,	January 1, 2012 Amount (above)/below \$30.00 Rate	Current Residential	Proposed Residential
Exchange/Zone Name Alpena Artesian Ethan Forestburg Letcher Mount Vernon Parkston	Residential	Life	Residential Lines excluding	inputs for all the Costs, Click here to Total Residential Charges on January 1,	Eligible Recoveries if applicable). or refresh this screen January 1, 2021 Amount (above)/below \$30.00 Rate	(such as Intrastation Total Residential Charges on January 1,	January 1, 2012 Amount (above)/below \$30.00 Rate	Current Residential	Proposed Residential

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				s	Study Area USAC R	eports			
<u>View printe</u>	<u>r-friendly re</u>	<u>port</u>]		2021 USAC Data Re	port (Test Period 202	1-2022)	v		
ettlement T	ype: Cost		[Data to be provided t	CONNECT AMERICA to USAC/FCC in June		C Purposes]	View	VUSAC report in Excel
			Те	st Period 7/1/21-6/3	30/22 Post True-u	p (Filing) View			
Rate-of-Re	turn (ROR)	Carrier Reve	nue Requirement						
1	201	1 Interstate Sv	vitched Access Rever	ue Requirement					
2	FY 2	011 Intrastate	Terminating Switche	ed Access Revenues					
3	FY 2	011 Net Recip	rocal Compensation	Revenues					
4	201	1 ROR Carrier	Base Period Revenue	e (Line 1 + Line 2 + Lir	ne 3)				
5	ROF	Carrier Basel	ine Adjustment Facto	or (0.95 ^ 10)					
6	ROF	Carrier Rever	nue Requirement (Lir	ne 4 x Line 5)					
7	Poo	l Administratio	on Expenses						
8	Tota	al ROR Carrier	Revenue Requireme	nt (Line 6 + Line 7)					
Revenues	from Refor	med Intercar	rier Compensation	(ICC) Rates					
9	Inte	rstate Switche	d Access Revenues						
10	Inte	rstate Allocate	ed Switched Access R	evenues#					
11	Trar	nsitional Intras	state Access Service F	Revenues					
12	Net	Transitional R	eciprocal Compensa	tion Revenues					
13	Tota	al ICC Revenue	e (Line 10 + Line 11 +	Line 12)					
Eligible Re	covery								
14	TRS	Increment							
15	Reg	ulatory Fees Ir	ncrement						
16	NAM	NPA Increment	t						
17	Inte	rstate Local Sv	witching Support for	Price Cap Affiliates or	Estimated Duplicat	e LSS Costs in C	AF II		
18	Adju	ustment for Do	ouble Recovery or Co	rrections					
19	Test	Period 19/20	Trueup - Net Impact	on Total Eligible Reco	overy				
20	Eligi	ble Recovery (Line 8 - Line 13) + (Li	ne 14 + Line 15 + Line	e 16 + Line 18 + Line	19) - (Line 17)			
Revenues	from Acces	s Recovery Cl	harges (ARC)						
21	Resi	idential ARC Re	evenues						
22	Sing	gle Line Busine	ess ARC Revenues						
23	Mul	ti-Line Busines	ss ARC Revenues						
24	Tota	al ARC Revenue	es (Line 21 + Line 22	+ Line 23)					
Connect A	merica Fun	d (CAF) ICC Su	upport**						
25	Con	nect America	Fund (CAF) ICC Supp	ort (Line 20 - Line 24)					
Revised CA	AF ICC Supp	ort with Imp	uted ARC Revenues	for Broadband-Only	/ Loops				
26	ARC	Revenue Adju	ustment following "Se	econd Order on Reco	nsideration & Clarifi	cation" FCC 18-1	13		
27	Adj	usted Test Pe	riod 2021-2022 CAFI	CC Support (Line 25	- Line 26)				

NOTES: #Per FCC Designation Order, calculated as (Sum of Line 9 for all TS pool participants) * (Line 1/ Sum of Line 1 for all TS pool participants) **NECA estimate provided for informational purposes only - actual to be calculated by USAC.

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