

**ALASKA COMMUNICATIONS SYSTEMS, INC.**  
**2017 PRICE CAP REVISIONS**  
**Issued June 16, 2017**

**Description and Justification**

**I. Introduction**

**A. Background**

Alaska Communications Systems, Inc. hereby submits this filing in support of the 2017 Annual Access Charge Tariff Filing. This information is being filed pursuant to the Federal Communications Commission's ("Commission") decision In the Matter of *July 1, 2017 Annual Access Charge Tariff Filings*, WC Docket No. 17-65, DA 17-258, released March 16, 2017, and includes adjustments consistent with the requirements of Sections 61.41 through 61.49 of the Commission's Rules. The issuing carriers ("ACS Companies") for the ACS Companies Tariff FCC No. 1 are listed below:

<b>Company</b>	<b>Study Area</b>	<b>COSA</b>
ACS of Anchorage	Anchorage	AKAN
ACS of Fairbanks	Fairbanks	AKFB
ACS of Alaska	Greatland	AKGL
ACS of Alaska	Juneau	AKJU
ACS of the Northland	Glacier State	AKGS
ACS of the Northland	Sitka	AKSK

**B. Waivers**

The ACS companies list below all currently applicable waivers that permit rate elements different than those specified in 47 C.F.R., Part 69.

The Commission in Order, In the Matter of ACS of Alaska, Inc., ACS of Anchorage, Inc., ACS of Fairbanks, Inc., and ACS of the Northland Inc., Petition for Conversion to Price Cap Regulation and Limited Waiver Relief, released April 17, 2009, DA 09-854, Released April 17, 2009, provided the ACS Companies with the requested relief to convert its companies subject to rate-of-return regulation to price cap regulation and establish initial price cap indexes (“PCIs”) for price cap baskets.

### **C. New Services**

The ACS Companies has no new services to report for the 2017 Annual Access Charge Tariff Filing.

## **II. Index and Rate Development**

### **A. Existing Indices**

The existing indices are those indices that will be in effect on June 30, 2017. See IND-REF for transmittal numbers under which existing indices became effective.

### **B. PCI/ATS Development**

The PCIs were developed with a GDP-PI factor of 1.5385%. The GDP-PI factor is based on the percentage change in the Gross Domestic Product Price Index (“GDP-PI”) between the quarter ending December 31, 2016 and the corresponding quarter of the 2015 GDP-PI. See Exhibit PCI-DEV.

### **C. Exogenous Costs**

The ACS Companies developed exogenous cost changes according to the Price Cap Rules. These exogenous costs were measured at the 2016 base period level of operations and apportioned on a cost-causative basis among the price cap baskets. Exogenous cost changes and allocations are shown in Exhibit EXG.

For each allowed exogenous cost, the Exogenous Cost adjustment (“EXG\_Cost<sub>Adj</sub>”) is equal to the change in the current Price Cap Exogenous Cost (“EXG\_Cost<sub>t-1</sub>”) less the Exogenous Cost already reflected in the Price Cap indices (“EXG\_Cost<sub>t-2</sub>”).

$$EXG\_Cost_{tAdj} = EXG\_Cost_{t-1} - EXG\_Cost_{t-2}$$

The current Price Cap Exogenous Cost is calculated by multiplying current year’s 499A Total Revenue (“499A\_Total\_Rev<sub>t-1</sub>”) by the current Exogenous Cost Factor (“Exg\_Factor<sub>t-1</sub>”) adjusted by the ratio of the current year’s 499A Price Cap Revenue (“499A\_PriceCap\_Rev<sub>t-1</sub>”) to the current year’s 499A Total Revenue (“499A\_Total\_Rev<sub>t-1</sub>”). This formula simplifies to the current Exogenous Cost Factor multiplied by the current year’s 499A Price Cap Revenue.

$$EXG_{Cost_{t-1}} = (499A\_Total\_Rev_{t-1} * EXG\_Factor_{t-1}) * \frac{499A\_PriceCap\_Rev_{t-1}}{499A\_Total\_Rev_{t-1}}$$

$$\rightarrow = EXG\_Rate_{t-1} * IS\_PriceCap\_Rev_{t-1}$$

The level of exogenous cost already reflected in the Price Cap indices is calculated by multiplying the previous year’s 499A Total Revenue (“499A\_Total\_Rev<sub>t-2</sub>”) by the exogenous cost factor included in the price cap indices (“Exg\_Factor<sub>t-2</sub>”). This result is then multiplied by the ratio of the previous year’s 499A Price Cap Revenue (“499A\_PriceCap\_Rev<sub>t-2</sub>”) to the previous year’s 499A Total Revenue (“499A\_Total\_Rev<sub>t-2</sub>”). The result is lastly multiplied by the ratio of the current year’s 499A Price Cap revenue (“499A\_PriceCap\_Rev<sub>t-1</sub>”) to the previous year’s 499A Price Cap revenue (“499A\_PriceCap\_Rev<sub>t-2</sub>”). This formula simplifies to the exogenous cost factor included in the price cap indices multiplied by the current year’s 499A Price Cap revenue.

$$EXG\_Cost_{t-2} = (499A\_Total\_Rev_{t-2} * EXG\_Factor_{t-2}) * \frac{499A\_PriceCap\_Rev_{t-2}}{499A\_Total\_Rev_{t-2}} * \frac{499A\_PriceCap\_Rev_{t-1}}{499A\_PriceCap\_Rev_{t-2}}$$

$$\rightarrow = (IS\_499A\_Rev_{t-2} * EXG\_Rate_{t-2}) * \frac{IS\_PriceCap\_Rev_{t-1}}{IS\_499A\_Rev_{t-2}}$$

$$\rightarrow = EXG\_Rate_{t-2} * IS\_PriceCap\_Rev_{t-1}$$

Thus, the Exogenous Cost adjustment is equal to the current Exogenous Cost Factor (“EXG\_Factor<sub>t-1</sub>”) multiplied by the current year’s 499A Price Cap revenues (“499A\_PriceCap\_Rev<sub>t-1</sub>”) less the Exogenous Cost factor already in the Price Cap

indices (“EXG\_Factor<sub>t-2</sub>”) multiplied by the current year’s 499A Price Cap revenue (“499A\_PriceCap\_Rev<sub>t-1</sub>”). This simplifies to the changes in the Exogenous Cost factor, i.e. the current Exogenous Cost factor less the Exogenous Cost factor already in the Price Cap indices, multiplied by the current year’s 499A Price Cap revenue.

$$\begin{aligned}
 EXG\_Cost_{t,t} &= (EXG\_Factor_{t-1} * 499A\_PriceCap\_Rev_{t-1}) - (EXG\_Factor_{t-2} * 499A\_PriceCap\_Rev_{t-1}) \\
 \rightarrow &= (EXG\_Factor_{t-1} - EXG\_Factor_{t-2}) * 499A\_PriceCap\_Rev_{t-1}
 \end{aligned}$$

### 1) Regulatory Fees

Local Exchange Companies are allowed to recover the impact of regulatory fees as an exogenous cost. The calculations of the regulatory fees to be paid in the 2017 tariff year are based on the factor of 0.00302 as referenced in Appendix B of the *Assessment and Collection of Regulatory Fees for Fiscal Year 2017*, MD Docket No. 17-62, *Notice of Proposed Rulemaking*, FCC 17-62, released May 23, 2017.

### 2) Telecommunications Relay Service Fee

All common carriers providing interstate telecommunications services are required to contribute to a fund designated to support telecommunications relay services. For the 2017 tariff year, the fee will be based on the factor of 0.02244 as set forth in Rolka Loubé Associates LLC Filing, “Interstate Telecommunications Relay Service Fund, Payment Formula and Fund Size Estimate, Supplemental Submission,” CG Docket Nos. 03-123 & 10-51, released June 2, 2017.

### 3) North American Numbering Plan Administration Fee

In the North American Numbering Plan Administration (“NANPA”) Order, the Commission required all telecommunications carriers to contribute to the cost recovery for numbering administration. To remain consistent in the price cap treatment of such fees, *i.e.*, Regulatory Fee and Telecommunications Relay Services Fee, the NANPA fee is treated as an exogenous change. For the

2017 tariff year, the fee will be based on the factor of 0.0000368 as set forth in Public Notice, Wireline Competition Bureau Announces the Proposed North American Numbering Plan Administration Fund Size Estimate and Contribution Factor For October 2016 through September 2017, CC Docket No. 92-237, DA 16-899, released August 8, 2016.

#### **D. CMT Per Line Revenue**

Section 61.3(d) of the Commission's Rules, 47 C.F.R. § 61.3(d) (2016), sets forth the calculation of the maximum SLC for residential and single-line business customers, non-primary residential, and multi-line business service categories based on the average common line, marketing and transport interconnection charge revenue ("CMT" revenue) per line. Exhibit CMT depicts the CMT per line calculation.

#### **E. Excluded Services**

Exhibit OUTPC provides a detailed listing of those services which are excluded from price cap regulation.

#### **F. USF/ICC Transformation Order**

On November 18, 2011, the Commission released the *USF/ICC Transformation Order*, FCC 11-161, which established new rules requiring ILECs to adjust, over a period of years, many of their switched access charges effective on July 1 of each of those years, with the goal of transitioning to a bill-and-keep regime at the end of the transition. The Commission also adopted a transitional recovery mechanism, including a tariffed Access Recovery Charge (ARC), which is intended to partially mitigate the effect of reduced inter-carrier revenues. Per the Pricing Policy Division's order, DA 17-386, TRP's were provided by the FCC to determine the amounts eligible for recovery through the tariffed ARC. This section describes the methods the ACS companies used to determine the Eligible Recovery in compliance with Section 51.915(d)(vi) of the

Commission's rules and how it calculated the tariffed ARC rate in compliance with Section 51.915(e).

### **1) Base Period Demand & Revenue**

Per Section 51.915(c) the ACS Companies used fiscal year 2011 demand and revenue received by March 31, 2012 for calculating base period revenue for terminating interstate end office switched access, interstate tandem-switch access transport, transitional intrastate access service and reciprocal compensation base period revenues. ACS obtained the Fiscal Year 2011 billed access revenue, reciprocal compensation revenue and usage data from its customer billing system and carrier access billing systems for each rate element. ACS used actual billed demand for originating & termination usage as our systems maintain the level of detail required for calculating the ICC reductions. Per ACS records all billed amounts for access and CMRS were received by March 31, 2012 thus no adjustment was required to fiscal year 2011 demand.

### **2) Access Reductions**

Per section 51.915(d) ACS included access reductions in the Eligible Recovery TRP for changes in Transitional Intrastate Access Service and end office switched access revenues determined pursuant to 51.907.

#### **a. ICC Terminating End Office Reductions**

Pursuant to section 51.907(g) *Step 6* of the Commission's rules the ACS Companies is removing any intercarrier charges for terminating End Office Access Services and is establishing, for interstate and intrastate terminating traffic traversing a tandem switch that the terminating carrier or its affiliates owns, Tandem-Switched Transport Access Service rates no greater than \$0.0007 per minute. The Access Reduction TRP spreadsheet identifies the rates that are required to be

revised and calculates the amount of the reductions or increases to be included in the Eligible Recovery TRP spreadsheet.

The ACS Companies calculated the Baseline Composite Terminating End Office Access Rate Per 51.907 using Fiscal Year 2011 interstate demand multiplied by the interstate End Office Access Service rates at the levels in effect on December 29, 2011, and then divided the result by 2011 Fiscal Year interstate local switching demand. As Stated above the fiscal year 2011 demand and revenue reflects amounts received by March 31, 2012. Per ACS records all billed amounts for access were received by March 31, 2012 thus no adjustment was required to fiscal year 2011 demand.

On May 17, 2017, the ACS Companies filed Intrastate Tariffs with the Regulatory Commission of Alaska with an effective date of July 1, 2017 to adjust its intrastate terminating end office access rates in compliance with the commission's rules which state that a price cap carrier's intrastate terminating end office access rates may not exceed the comparable interstate terminating end office access rates

#### **b) ICC Transitional Intrastate Access Service Reductions**

Pursuant to section 51.915(d) ACS has included the amount of reduction in TIAS revenues determined pursuant to 51.907. The FCC template provides the methodology for calculating the rate reductions and identifies in detail the interstate access rates that are required to be reduced consist with Commission's Rules. Step 6 of the USF/ICC Transformation Order, as set forth in Section 51.907(g)(1), requires Price Cap Carriers to refile interstate access tariffs and any state tariffs removing any intercarrier charges for terminating End Office Access Service, and per 51.907(g)(2) requires Price Cap Carriers to establish, for interstate and intrastate terminating traffic

traversing a tandem switch that the terminating carrier or its ILEC affiliates own, a composite Tandem-Switched Transport Access Service rate no greater than \$0.0007 per minute.

ACS has reduced its Terminating Local Switching End Office Access rates to zero and the ICC access reduction TRP reflects the amount of eligible recovery. ACS does not have any End Offices that function as a Tandem and does not have any demand for the Tandem Switching Rate Element. However, ACS's in its Tariff Filing Transmittal #53, files the tariff structure change to comply with Section 51.907(g)(2) even though ACS does not have any Tandem Switching Demand or Revenue. This filing makes the rate reduction for the Tandem to End Office rate element. Other Tandem-Switched Transport Rates remain at their current levels including Tandem Trunk Ports per Rule 51.903(i) which expressly excludes rate elements in Part 69.111.

### **c) Access Service Reduction TRP's**

The ICC-Access Reduction TRP spreadsheets are provided in this filing labeled as COSAAR17.xls. There is a separate TRP spreadsheet for each LEC study area using the COSA codes as specific identifier (i.e. AKANAR17.xls is Anchorage, AKSKAR17.xls is Sitka, etc.). Amounts calculated in the ICC-Access Reduction TRP are summarized in the Eligible Recovery TRP spreadsheet labeled ACSTER17.xls.

### **3) Reciprocal Compensation**

The Reciprocal Compensation TRP spreadsheet demonstrates the calculations necessary to comply with section 51.705 of the Commission's rules and calculates the eligible recovery for reciprocal compensation rate reductions pursuant to section 51.915. The ACS companies only have CMRS related

Reciprocal Compensation and the amount calculated for eligible recovery can be found in the TRP labeled ACSTRC17.xls. Amounts calculated in the Reciprocal Compensation TRP are summarized in the Eligible Recovery TRP spreadsheet labeled as ACSTER17.xls.

**a). Expense & Revenue**

The ACS Companies used fiscal year 2011 reciprocal compensation revenues received by March 31, 2012, less fiscal year 2011 reciprocal compensation payments made by March 31, 2012. ACS obtained the Fiscal Year 2011 reciprocal compensation revenue and usage data from its customer billing system and carrier access billing systems and its financial system (SAP) for detailed information on payments made. Per ACS records all revenues and payments for CMRS reciprocal compensation were received or made by March 31, 2012 thus no adjustment was required to fiscal year 2011 revenue or expense.

**4) Access Recovery Charge (ARC)**

The Commission also adopted a transitional recovery mechanism, including an Access Recovery Charge (ARC), which is intended to partially mitigate the effect of reduced inter-carrier revenues. The ARC TRP spreadsheets demonstrate the calculations necessary to arrive at an ARC rate for filing carriers pursuant to section 51.915 of the Commission's rules.

There are two different ARC TRP spreadsheets. The first is the Rate Ceiling-CAF TRP and is being provided in this filing as ACSTARC17.xls. The second is the Tariff-Rate Comparison CAF TRP and is being provided in this filing as ACSTTRC17.xls. The Rate-Ceiling CAF TRP reflects the ACS Companies compliance with Part 51.915 of the commission rules while the Tariff-Rate Comparison CAF TRP reflects the proposed ARC tariffed rate.

Portions of both the Rate Ceiling CAF TRP (ACSTARC17.xls) and the Tariff Rate Comparison CAF TRP (ACSTTRC17.xls) contain information considered to be confidential and that confidential information has been redacted from the Public Version of the filing. The confidential version has been filed under seal subject to protective order issued in WCB Pricing File No. 17-65, Public Notice DA 17-550.

### **5) Access Recovery Charge (ARC) True-up**

Per 51.915 the ACS companies have included an amount equal to the True-up Revenue for Access Recovery Charges for the year beginning July 1, 2015. This true-up amount was calculated using projected demand minus actual demand for Access Recovery Charges times the tariffed Access Recovery Charge. This calculation was made separately for each class of service and adjusted to reflect any changes in tariffed rates for the Access Recovery Charge. For ease of calculating the true-up ACS used actual billed revenue and demand instead of realized demand and is foregoing an additional eligible recovery that would occur if ACS decreased these amounts by any uncollectible amounts. The ARC True-up amount calculated is reflected in the Eligible recovery TRP.

### **6) Eligible Recovery**

ACS eligible recovery per section 51.915 can be found in TRP ACSTER17.xls and ACETSUMER17.xls of the ACS filings. The eligible recovery was calculated by using the Non-Calls Study Area Base Factor of 100% applied to the cumulative amount of its reduction in Transitional Intrastate Access Service revenues and Net CMRS Reciprocal Compensation revenues multiplied by the Price Cap Carrier Traffic Demand Factor (53.14%). The eligible recovery summary file ACSETSUMER17.xls contains information considered to be confidential and that confidential information has been redacted from the Public

Version of the filing. The confidential version has been filed under seal subject to protective order issued in WCB Pricing File No. 17-65, Public Notice DA 17-550.

## **7) CAF ICC Support**

Per calculations in the ACS Companies Tariff Review Plans, it is not eligible to receive CAF ICC support; however, if ACS Companies were eligible, they would elect to receive the CAF ICC Support pursuant to 47 C.F.R. § 51.915(f)(1), and have complied with the requirements of 47 C.F.R. § 51.915 (d) & (e).

<b>Filing Date:</b>	6/16/2017
<b>Filing Entity:</b>	ACS Companies, Tariff FCC No. 1
<b>Transmittal Number:</b>	53
<b>COSA(s):</b>	AKAN, AKFB, AKGL, AKGS, AKJU, AKSK

IND-REF  
Index Tariff Reference

IND-1 Row #	Basket / Category	Existing PCI	Existing API	Existing SBI	6/30/2017 PCI	6/30/2017 SBI
<b>Interexchange Basket</b>						
600	Total Interexchange	47	47	N/A	47	N/A
<b>Special Basket</b>						
720	VG/WATS, Met, Tgh - Special	N/A	N/A	47	N/A	47
721	VG Spec Density Zone 1	N/A	N/A	47	N/A	47
722	VG Spec Density Zone 2	N/A	N/A	47	N/A	47
723	VG Spec Density Zone 3	N/A	N/A	47	N/A	47
724	VG Spec Density Zone 4	N/A	N/A	47	N/A	47
725	VG Spec Density Zone 5	N/A	N/A	47	N/A	47
726	VG Spec Density Zone 6	N/A	N/A	47	N/A	47
727	VG Spec Density Zone 7	N/A	N/A	47	N/A	47
730	Audio & Video	N/A	N/A	47	N/A	47
731	Audio/Video Density Zone 1	N/A	N/A	47	N/A	47
732	Audio/Video Density Zone 2	N/A	N/A	47	N/A	47
733	Audio/Video Density Zone 3	N/A	N/A	47	N/A	47
734	Audio/Video Density Zone 4	N/A	N/A	47	N/A	47
735	Audio/Video Density Zone 5	N/A	N/A	47	N/A	47
736	Audio/Video Density Zone 6	N/A	N/A	47	N/A	47
737	Audio/Video Density Zone 7	N/A	N/A	47	N/A	47
740	High Cap & DDS - Special	N/A	N/A	47	N/A	47
750	DS-1 SubCat - Special	N/A	N/A	47	N/A	47
751	DS1 Spec Density Zone 1	N/A	N/A	47	N/A	47
752	DS1 Spec Density Zone 2	N/A	N/A	47	N/A	47
753	DS1 Spec Density Zone 3	N/A	N/A	47	N/A	47
754	DS1 Spec Density Zone 4	N/A	N/A	47	N/A	47
755	DS1 Spec Density Zone 5	N/A	N/A	47	N/A	47
756	DS1 Spec Density Zone 6	N/A	N/A	47	N/A	47
757	DS1 Spec Density Zone 7	N/A	N/A	47	N/A	47
760	DS-3 SubCat - Special	N/A	N/A	47	N/A	47
761	DS3 Spec Density Zone 1	N/A	N/A	47	N/A	47
762	DS3 Spec Density Zone 2	N/A	N/A	47	N/A	47
763	DS3 Spec Density Zone 3	N/A	N/A	47	N/A	47
764	DS3 Spec Density Zone 4	N/A	N/A	47	N/A	47
765	DS3 Spec Density Zone 5	N/A	N/A	47	N/A	47
766	DS3 Spec Density Zone 6	N/A	N/A	47	N/A	47
767	DS3 Spec Density Zone 7	N/A	N/A	47	N/A	47
770	DDS&Other Sp Density Zone 1	N/A	N/A	47	N/A	47
771	DDS&Other Sp Density Zone 2	N/A	N/A	47	N/A	47
772	DDS&Other Sp Density Zone 3	N/A	N/A	47	N/A	47
773	DDS&Other Sp Density Zone 4	N/A	N/A	47	N/A	47
774	DDS&Other Sp Density Zone 5	N/A	N/A	47	N/A	47
775	DDS&Other Sp Density Zone 6	N/A	N/A	47	N/A	47
776	DDS&Other Sp Density Zone 7	N/A	N/A	47	N/A	47
790	Wideband	N/A	N/A	47	N/A	47
791	WB Density Zone 1	N/A	N/A	47	N/A	47
792	WB Density Zone 2	N/A	N/A	47	N/A	47
793	WB Density Zone 3	N/A	N/A	47	N/A	47
794	WB Density Zone 4	N/A	N/A	47	N/A	47
795	WB Density Zone 5	N/A	N/A	47	N/A	47
796	WB Density Zone 6	N/A	N/A	47	N/A	47
797	WB Density Zone 7	N/A	N/A	47	N/A	47
899	Total Special Access	47	47	N/A	47	N/A

<b>Filing Date:</b>	6/16/2017
<b>Filing Entity:</b>	ACS Companies, Tariff FCC No. 1
<b>Transmittal Number:</b>	53
<b>COSA(s):</b>	AKAN, AKFB, AKGL, AKGS, AKJU, AKSK

PCI-DEV  
PCI Development

Line #	Description	Term	Source	COSA: AKAN		COSA: AKFB		COSA: AKGL	
				Interexchange	Special Access	Interexchange	Special Access	Interexchange	Special Access
				(A)	(B)	(A)	(B)	(A)	(B)
1	Base Period Revenue	R	Company Records	\$ -	\$ 5,273,823	\$ -	\$ 666,450	\$ -	\$ 91,724
2	Exogenous Changes	Z	EXG-1	\$ -	\$ 795	\$ -	\$ 18	\$ -	\$ 1
3	Exogenous Adjustment	Z / R	Ln2 / Ln1	-	0.000151	-	0.000028	-	0.000013
4	Exogenous Adjustment Factor	W	1 + Ln3	1.000000	1.000151	1.000000	1.000028	1.000000	1.000013
5	GDP-PI Chain Weighted - 4Q 2015	GDP_PI(T-2)	BEA, NIPA Table 1.1.4	110.5	110.5	110.5	110.5	110.5	110.5
6	GDP-PI Chain Weighted - 4Q 2016	GDP_PI(T-1)	BEA, NIPA Table 1.1.4	112.2	112.2	112.2	112.2	112.2	112.2
7	Percentage Change in GDP-PI	GDP-PI	(Ln5 / Ln 6) - 1	1.5385%	1.5385%	1.5385%	1.5385%	1.5385%	1.5385%
8	Productivity Factor	X	FCC Order	3.0000%	1.5385%	3.0000%	1.5385%	3.0000%	1.5385%
9	Price Cap Adjustment	(GDP-PI - X)	Ln7 - Ln8	-1.4615%	0.0000%	-1.4615%	0.0000%	-1.4615%	0.0000%
10	Existing PCI	PCI(T-1)	Company Records	-	100.0579	-	100.0369	-	100.2354
11	Proposed PCI with (GDP-PI - X)		Ln10 * (1 + Ln9)	N/A	100.0579	N/A	100.0369	N/A	100.2354
12	Proposed PCI	PCI	Ln10 * (1+Ln3+(Ln4*Ln9)	-	100.0730	-	100.0397	-	100.2367

Line #	Description	Term	Source	COSA: AKGS		COSA: AKJU		COSA: AKSK	
				Interexchange	Special Access	Interexchange	Special Access	Interexchange	Special Access
				(A)	(B)	(A)	(B)	(A)	(B)
1	Base Period Revenue	R	Company Records	\$ -	\$ 1,319,815	\$ -	\$ 579,728	\$ -	\$ 734,965
2	Exogenous Changes	Z	EXG-1	\$ -	\$ 40	\$ -	\$ 8	\$ -	\$ 22
3	Exogenous Adjustment	Z / R	Ln2 / Ln1	-	0.000030	-	0.000013	-	0.000030
4	Exogenous Adjustment Factor	W	1 + Ln3	1.000000	1.000030	1.000000	1.000013	1.000000	1.000030
5	GDP-PI Chain Weighted - 4Q 2015	GDP_PI(T-2)	BEA, NIPA Table 1.1.4	110.5	110.5	110.5	110.5	110.5	110.5
6	GDP-PI Chain Weighted - 4Q 2016	GDP_PI(T-1)	BEA, NIPA Table 1.1.4	112.2	112.2	112.2	112.2	112.2	112.2
7	Percentage Change in GDP-PI	GDP-PI	(Ln5 / Ln 6) - 1	1.5385%	1.5385%	1.5385%	1.5385%	1.5385%	1.5385%
8	Productivity Factor	X	FCC Order	3.0000%	1.5385%	3.0000%	1.5385%	3.0000%	1.5385%
9	Price Cap Adjustment	(GDP-PI - X)	Ln7 - Ln8	-1.4615%	0.0000%	-1.4615%	0.0000%	-1.4615%	0.0000%
10	Existing PCI	PCI(T-1)	Company Records	-	100.1280	-	100.0461	-	100.0236
11	Proposed PCI with (GDP-PI - X)		Ln10 * (1 + Ln9)	N/A	100.1280	N/A	100.0461	N/A	100.0236
12	Proposed PCI	PCI	Ln10 * (1+Ln3+(Ln4*Ln9)	-	100.1310	-	100.0474	-	100.0266

Filing Date:	6/16/2017
Filing Entity:	AKAN - ACS Anchorage
Transmittal Number:	53
COSA:	AKAN

Line #	Description	Source	Fee/Rate (A)	Total (B)	Interstate (C)	Common Line (D)	Special Access (E)
1	Base Period 499A End User Revenue		N/A	\$ 19,277,142	\$ 4,519,444	\$ 4,265,730	\$ 253,714
2	Current Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003700	N/A	\$ 16,722	N/A	N/A
3	Proposed Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003020	N/A	\$ 13,649	N/A	N/A
4	Regulatory Fee Exogenous Cost	Col (C) Ln3 - Ln2 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ (3,073)	\$ (2,901)	\$ (173)
5	Percentage Attributable to ACS Anchorage	Company Records	N/A	N/A	N/A	100.0000%	100.0000%
6	Amount Attributable to ACS Anchorage	Ln4 * Ln5	N/A	N/A	N/A	\$ (2,901)	\$ (173)
7	Current TRS Rate	Col (C) Col (A) * Ln1	0.018620	N/A	\$ 84,152	N/A	N/A
8	Proposed TRS Rate	Col (C) Col (A) * Ln1	0.022440	N/A	\$ 101,416	N/A	N/A
9	TRS Exogenous Cost	Col (C) Ln8 - Ln7 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ 17,264	\$ 16,295	\$ 969
10	Percentage Attributable to ACS Anchorage	Company Records	N/A	N/A	N/A	100.0000%	100.0000%
11	Amount Attributable to ACS Anchorage	Ln9 * Ln10	N/A	N/A	N/A	\$ 16,295	\$ 969
12	Current NANPA Rate	Col (B) Col (A) * Ln1	0.00003870	\$ 746	N/A	N/A	N/A
13	Proposed NANPA Rate	Col (B) Col (A) * Ln1	0.00003680	\$ 709	N/A	N/A	N/A
14	NANPA Rate Exogenous Cost	Col (B) Ln13 - Ln12 Col (D) Col (B) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (B) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	\$ (37)	N/A	\$ (35)	\$ (2)
15	Percentage Attributable to ACS Anchorage	Company Records	N/A	N/A	N/A	100.0000%	100.0000%
16	Amount Attributable to ACS Anchorage	Ln14 * Ln15	N/A	N/A	N/A	\$ (35)	\$ (2)
17	Previous Base Period 499A Price Cap End User Revenue	Company Records	N/A	N/A	N/A	N/A	N/A
18	Previous Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	N/A	N/A
19	Previous Regulatory Fee Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
20	Previous TRS Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
21	Previous NANPA Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
22	Previous Regulatory Fee Adjustment - Partial Year Removal	Ln19 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
23	Previous TRS Adjustment - Partial Year Removal	Ln20 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
24	Previous NANPA Adjustment - Partial Year Removal	Ln21 * (1/Ln18-1) * Ln1(B) / Ln17(B)				N/A	N/A
25	Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	1.00000	1.00000
26	Regulatory Fee Exogenous Cost Adjustment	Ln6 * Ln25 + Ln22	N/A	N/A	N/A	\$ (2,901)	\$ (173)
27	TRS Exogenous Cost Adjustment	Ln11 * Ln25 + Ln23	N/A	N/A	N/A	\$ 16,295	\$ 969
28	NANPA Exogenous Cost Adjustment	Ln16 * Ln25 + Ln24	N/A	N/A	N/A	\$ (35)	\$ (2)
29	Total Exogenous Cost Adjustment	Ln26 + Ln27 + Ln28	N/A	N/A	N/A	\$ 13,360	\$ 795

Filing Date:	6/16/2017
Filing Entity:	AKFB - ACS Fairbanks
Transmittal Number:	53
COSA:	AKFB

Line #	Description	Source	Fee/Rate (A)	Total (B)	Interstate (C)	Common Line (D)	Special Access (E)
1	Base Period 499A End User Revenue		N/A	\$ 6,410,962	\$ 1,309,009	\$ 1,303,146	\$ 5,863
2	Current Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003700	N/A	\$ 4,843	N/A	N/A
3	Proposed Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003020	N/A	\$ 3,953	N/A	N/A
4	Regulatory Fee Exogenous Cost	Col (C) Ln3 - Ln2 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ (890)	\$ (886)	\$ (4)
5	Percentage Attributable to ACS Fairbanks	Company Records	N/A	N/A	N/A	100.0000%	100.0000%
6	Amount Attributable to ACS Fairbanks	Ln4 * Ln5	N/A	N/A	N/A	\$ (886)	\$ (4)
7	Current TRS Rate	Col (C) Col (A) * Ln1	0.018620	N/A	\$ 24,374	N/A	N/A
8	Proposed TRS Rate	Col (C) Col (A) * Ln1	0.022440	N/A	\$ 29,374	N/A	N/A
9	TRS Exogenous Cost	Col (C) Ln8 - Ln7 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ 5,000	\$ 4,978	\$ 22
10	Percentage Attributable to ACS Fairbanks	Company Records	N/A	N/A	N/A	100.0000%	100.0000%
11	Amount Attributable to ACS Fairbanks	Ln9 * Ln10	N/A	N/A	N/A	\$ 4,978	\$ 22
12	Current NANPA Rate	Col (B) Col (A) * Ln1	0.00003870	\$ 248	N/A	N/A	N/A
13	Proposed NANPA Rate	Col (B) Col (A) * Ln1	0.00003680	\$ 236	N/A	N/A	N/A
14	NANPA Rate Exogenous Cost	Col (B) Ln13 - Ln12 Col (D) Col (B) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (B) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	\$ (12)	N/A	\$ (12)	\$ (0)
15	Percentage Attributable to ACS Fairbanks	Company Records	N/A	N/A	N/A	100.0000%	100.0000%
16	Amount Attributable to ACS Fairbanks	Ln14 * Ln15	N/A	N/A	N/A	\$ (12)	\$ (0)
17	Previous Base Period 499A Price Cap End User Revenue	Company Records	N/A	N/A	N/A	N/A	N/A
18	Previous Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	N/A	N/A
19	Previous Regulatory Fee Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
20	Previous TRS Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
21	Previous NANPA Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
22	Previous Regulatory Fee Adjustment - Partial Year Removal	Ln19 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
23	Previous TRS Adjustment - Partial Year Removal	Ln20 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
24	Previous NANPA Adjustment - Partial Year Removal	Ln21 * (1/Ln18-1) * Ln1(B) / Ln17(B)				N/A	N/A
25	Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	1.00000	1.00000
26	Regulatory Fee Exogenous Cost Adjustment	Ln6 * Ln25 + Ln22	N/A	N/A	N/A	\$ (886)	\$ (4)
27	TRS Exogenous Cost Adjustment	Ln11 * Ln25 + Ln23	N/A	N/A	N/A	\$ 4,978	\$ 22
28	NANPA Exogenous Cost Adjustment	Ln16 * Ln25 + Ln24	N/A	N/A	N/A	\$ (12)	\$ (0)
29	Total Exogenous Cost Adjustment	Ln26 + Ln27 + Ln28	N/A	N/A	N/A	\$ 4,080	\$ 18

Filing Date:	6/16/2017
Filing Entity:	AKGL - ACS Greatland
Transmittal Number:	53
COSA:	AKGL

EXG  
Exogenous Cost Change Detail

Line #	Description	Source	Fee/Rate (A)	Total (B)	Interstate (C)	Common Line (D)	Special Access (E)
1	Base Period 499A End User Revenue		N/A	\$ 3,569,600	\$ 766,432	\$ 763,626	\$ 2,806
2	Current Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003700	N/A	\$ 2,836	N/A	N/A
3	Proposed Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003020	N/A	\$ 2,315	N/A	N/A
4	Regulatory Fee Exogenous Cost	Col (C) Ln3 - Ln2 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ (521)	\$ (519)	\$ (2)
5	Percentage Attributable to ACS Greatland	Company Records	N/A	N/A	N/A	6.0069%	13.6605%
6	Amount Attributable to ACS Greatland	Ln4 * Ln5	N/A	N/A	N/A	\$ (31)	\$ (0)
7	Current TRS Rate	Col (C) Col (A) * Ln1	0.018620	N/A	\$ 14,271	N/A	N/A
8	Proposed TRS Rate	Col (C) Col (A) * Ln1	0.022440	N/A	\$ 17,199	N/A	N/A
9	TRS Exogenous Cost	Col (C) Ln8 - Ln7 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ 2,928	\$ 2,917	\$ 11
10	Percentage Attributable to ACS Greatland	Company Records	N/A	N/A	N/A	6.0069%	13.6605%
11	Amount Attributable to ACS Greatland	Ln9 * Ln10	N/A	N/A	N/A	\$ 175	\$ 1
12	Current NANPA Rate	Col (B) Col (A) * Ln1	0.00003870	\$ 138	N/A	N/A	N/A
13	Proposed NANPA Rate	Col (B) Col (A) * Ln1	0.00003680	\$ 131	N/A	N/A	N/A
14	NANPA Rate Exogenous Cost	Col (B) Ln13 - Ln12 Col (D) Col (B) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (B) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	\$ (7)	N/A	\$ (7)	\$ (0)
15	Percentage Attributable to ACS Greatland	Company Records	N/A	N/A	N/A	6.0069%	13.6605%
16	Amount Attributable to ACS Greatland	Ln14 * Ln15	N/A	N/A	N/A	\$ (0)	\$ (0)
17	Previous Base Period 499A Price Cap End User Revenue	Company Records	N/A	N/A	N/A	N/A	N/A
18	Previous Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	N/A	N/A
19	Previous Regulatory Fee Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
20	Previous TRS Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
21	Previous NANPA Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
22	Previous Regulatory Fee Adjustment - Partial Year Removal	Ln19 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
23	Previous TRS Adjustment - Partial Year Removal	Ln20 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
24	Previous NANPA Adjustment - Partial Year Removal	Ln21 * (1/Ln18-1) * Ln1(B) / Ln17(B)				N/A	N/A
25	Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	1.00000	1.00000
26	Regulatory Fee Exogenous Cost Adjustment	Ln6 * Ln25 + Ln22	N/A	N/A	N/A	\$ (31)	\$ (0)
27	TRS Exogenous Cost Adjustment	Ln11 * Ln25 + Ln23	N/A	N/A	N/A	\$ 175	\$ 1
28	NANPA Exogenous Cost Adjustment	Ln16 * Ln25 + Ln24	N/A	N/A	N/A	\$ (0)	\$ (0)
29	Total Exogenous Cost Adjustment	Ln26 + Ln27 + Ln28	N/A	N/A	N/A	\$ 144	\$ 1

Filing Date:	6/16/2017
Filing Entity:	AKGS - ACS Glacier State
Transmittal Number:	53
COSA:	AKGS

Line #	Description	Source	Fee/Rate (A)	Total (B)	Interstate (C)	Common Line (D)	Special Access (E)
1	Base Period 499A End User Revenue		N/A	\$ 16,294,405	\$ 3,101,348	\$ 3,081,506	\$ 19,842
2	Current Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003700	N/A	\$ 11,475	N/A	N/A
3	Proposed Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003020	N/A	\$ 9,366	N/A	N/A
4	Regulatory Fee Exogenous Cost	Col (C) Ln3 - Ln2 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ (2,109)	\$ (2,095)	\$ (13)
5	Percentage Attributable to ACS Glacier State	Company Records	N/A	N/A	N/A	76.2406%	64.2314%
6	Amount Attributable to ACS Glacier State	Ln4 * Ln5	N/A	N/A	N/A	\$ (1,598)	\$ (9)
7	Current TRS Rate	Col (C) Col (A) * Ln1	0.018620	N/A	\$ 57,747	N/A	N/A
8	Proposed TRS Rate	Col (C) Col (A) * Ln1	0.022440	N/A	\$ 69,594	N/A	N/A
9	TRS Exogenous Cost	Col (C) Ln8 - Ln7 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ 11,847	\$ 11,771	\$ 76
10	Percentage Attributable to ACS Glacier State	Company Records	N/A	N/A	N/A	76.2406%	64.2314%
11	Amount Attributable to ACS Glacier State	Ln9 * Ln10	N/A	N/A	N/A	\$ 8,975	\$ 49
12	Current NANPA Rate	Col (B) Col (A) * Ln1	0.00003870	\$ 631	N/A	N/A	N/A
13	Proposed NANPA Rate	Col (B) Col (A) * Ln1	0.00003680	\$ 600	N/A	N/A	N/A
14	NANPA Rate Exogenous Cost	Col (B) Ln13 - Ln12 Col (D) Col (B) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (B) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	\$ (31)	N/A	\$ (31)	\$ (0)
15	Percentage Attributable to ACS Glacier State	Company Records	N/A	N/A	N/A	76.2406%	64.2314%
16	Amount Attributable to ACS Glacier State	Ln14 * Ln15	N/A	N/A	N/A	\$ (23)	\$ (0)
17	Previous Base Period 499A Price Cap End User Revenue	Company Records	N/A	N/A	N/A	N/A	N/A
18	Previous Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	N/A	N/A
19	Previous Regulatory Fee Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
20	Previous TRS Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
21	Previous NANPA Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
22	Previous Regulatory Fee Adjustment - Partial Year Removal	Ln19 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
23	Previous TRS Adjustment - Partial Year Removal	Ln20 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
24	Previous NANPA Adjustment - Partial Year Removal	Ln21 * (1/Ln18-1) * Ln1(B) / Ln17(B)				N/A	N/A
25	Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	1.00000	1.00000
26	Regulatory Fee Exogenous Cost Adjustment	Ln6 * Ln25 + Ln22	N/A	N/A	N/A	\$ (1,598)	\$ (9)
27	TRS Exogenous Cost Adjustment	Ln11 * Ln25 + Ln23	N/A	N/A	N/A	\$ 8,975	\$ 49
28	NANPA Exogenous Cost Adjustment	Ln16 * Ln25 + Ln24	N/A	N/A	N/A	\$ (23)	\$ (0)
29	Total Exogenous Cost Adjustment	Ln26 + Ln27 + Ln28	N/A	N/A	N/A	\$ 7,354	\$ 40

Filing Date:	6/16/2017
Filing Entity:	AKJU - ACS Juneau
Transmittal Number:	53
COSA:	AKJU

Line #	Description	Source	Fee/Rate (A)	Total (B)	Interstate (C)	Common Line (D)	Special Access (E)
1	Base Period 499A End User Revenue		N/A	\$ 3,569,600	\$ 766,432	\$ 763,626	\$ 2,806
2	Current Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003700	N/A	\$ 2,836	N/A	N/A
3	Proposed Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003020	N/A	\$ 2,315	N/A	N/A
4	Regulatory Fee Exogenous Cost	Col (C) Ln3 - Ln2 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ (521)	\$ (519)	\$ (2)
5	Percentage Attributable to ACS Juneau	Company Records	N/A	N/A	N/A	93.9931%	86.3395%
6	Amount Attributable to ACS Juneau	Ln4 * Ln5	N/A	N/A	N/A	\$ (488)	\$ (2)
7	Current TRS Rate	Col (C) Col (A) * Ln1	0.018620	N/A	\$ 14,271	N/A	N/A
8	Proposed TRS Rate	Col (C) Col (A) * Ln1	0.022440	N/A	\$ 17,199	N/A	N/A
9	TRS Exogenous Cost	Col (C) Ln8 - Ln7 Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	N/A	\$ 2,928	\$ 2,917	\$ 11
10	Percentage Attributable to ACS Juneau	Company Records	N/A	N/A	N/A	93.9931%	86.3395%
11	Amount Attributable to ACS Juneau	Ln9 * Ln10	N/A	N/A	N/A	\$ 2,742	\$ 9
12	Current NANPA Rate	Col (B) Col (A) * Ln1	0.00003870	\$ 138	N/A	N/A	N/A
13	Proposed NANPA Rate	Col (B) Col (A) * Ln1	0.00003680	\$ 131	N/A	N/A	N/A
14	NANPA Rate Exogenous Cost	Col (B) Ln13 - Ln12 Col (D) Col (B) * Ln1(D) / (Ln1(D) + Ln1(E)) Col (E) Col (B) * Ln1(E) / (Ln1(D) + Ln1(E))	N/A	\$ (7)	N/A	\$ (7)	\$ (0)
15	Percentage Attributable to ACS Juneau	Company Records	N/A	N/A	N/A	93.9931%	86.3395%
16	Amount Attributable to ACS Juneau	Ln14 * Ln15	N/A	N/A	N/A	\$ (6)	\$ (0)
17	Previous Base Period 499A Price Cap End User Revenue	Company Records	N/A	N/A	N/A	N/A	N/A
18	Previous Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	N/A	N/A
19	Previous Regulatory Fee Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
20	Previous TRS Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
21	Previous NANPA Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
22	Previous Regulatory Fee Adjustment - Partial Year Removal	Ln19 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
23	Previous TRS Adjustment - Partial Year Removal	Ln20 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
24	Previous NANPA Adjustment - Partial Year Removal	Ln21 * (1/Ln18-1) * Ln1(B) / Ln17(B)				N/A	N/A
25	Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	1.00000	1.00000
26	Regulatory Fee Exogenous Cost Adjustment	Ln6 * Ln25 + Ln22	N/A	N/A	N/A	\$ (488)	\$ (2)
27	TRS Exogenous Cost Adjustment	Ln11 * Ln25 + Ln23	N/A	N/A	N/A	\$ 2,742	\$ 9
28	NANPA Exogenous Cost Adjustment	Ln16 * Ln25 + Ln24	N/A	N/A	N/A	\$ (6)	\$ (0)
29	Total Exogenous Cost Adjustment	Ln26 + Ln27 + Ln28	N/A	N/A	N/A	\$ 2,247	\$ 8

Filing Date:	6/16/2017
Filing Entity:	AKSK - ACS Sitka
Transmittal Number:	53
COSA:	AKSK

Line #	Description	Source	Fee/Rate	Total	Interstate	Common Line	Special Access
			(A)	(B)	(C)	(D)	(E)
1	Base Period 499A End User Revenue		N/A	\$ 16,294,405	\$ 3,101,348	\$ 3,081,506	\$ 19,842
2	Current Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003700	N/A	\$ 11,475	N/A	N/A
3	Proposed Regulatory Fee Rate	Col (C) Col (A) * Ln1	0.003020	N/A	\$ 9,366	N/A	N/A
4	Regulatory Fee Exogenous Cost	Col (C) Ln3 - Ln2	N/A	N/A	\$ (2,109)	\$ (2,095)	\$ (13)
		Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E))					
		Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))					
5	Percentage Attributable to ACS Sitka	Company Records	N/A	N/A	N/A	23.7594%	35.7686%
6	Amount Attributable to ACS Sitka	Ln4 * Ln5	N/A	N/A	N/A	\$ (498)	\$ (5)
7	Current TRS Rate	Col (C) Col (A) * Ln1	0.018620	N/A	\$ 57,747	N/A	N/A
8	Proposed TRS Rate	Col (C) Col (A) * Ln1	0.022440	N/A	\$ 69,594	N/A	N/A
9	TRS Exogenous Cost	Col (C) Ln8 - Ln7	N/A	N/A	\$ 11,847	\$ 11,771	\$ 76
		Col (D) Col (C) * Ln1(D) / (Ln1(D) + Ln1(E))					
		Col (E) Col (C) * Ln1(E) / (Ln1(D) + Ln1(E))					
10	Percentage Attributable to ACS Sitka	Company Records	N/A	N/A	N/A	23.7594%	35.7686%
11	Amount Attributable to ACS Sitka	Ln9 * Ln10	N/A	N/A	N/A	\$ 2,797	\$ 27
12	Current NANPA Rate	Col (B) Col (A) * Ln1	0.00003870	\$ 631	N/A	N/A	N/A
13	Proposed NANPA Rate	Col (B) Col (A) * Ln1	0.00003680	\$ 600	N/A	N/A	N/A
14	NANPA Rate Exogenous Cost	Col (B) Ln13 - Ln12	N/A	\$ (31)	N/A	\$ (31)	\$ (0)
		Col (D) Col (B) * Ln1(D) / (Ln1(D) + Ln1(E))					
		Col (E) Col (B) * Ln1(E) / (Ln1(D) + Ln1(E))					
15	Percentage Attributable to ACS Sitka	Company Records	N/A	N/A	N/A	23.7594%	35.7686%
16	Amount Attributable to ACS Sitka	Ln14 * Ln15	N/A	N/A	N/A	\$ (7)	\$ (0)
17	Previous Base Period 499A Price Cap End User Revenue	Company Records	N/A	N/A	N/A	N/A	N/A
18	Previous Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	N/A	N/A
19	Previous Regulatory Fee Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
20	Previous TRS Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
21	Previous NANPA Exogenous Cost Adjustment	Company Records	N/A	N/A	N/A	N/A	N/A
22	Previous Regulatory Fee Adjustment - Partial Year Removal	Ln19 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
23	Previous TRS Adjustment - Partial Year Removal	Ln20 * (1/Ln18-1) * Ln1(C) / Ln17(C)				N/A	N/A
24	Previous NANPA Adjustment - Partial Year Removal	Ln21 * (1/Ln18-1) * Ln1(B) / Ln17(B)				N/A	N/A
25	Exogenous Cost Gross-Up Factor	Company Records	N/A	N/A	N/A	1.00000	1.00000
26	Regulatory Fee Exogenous Cost Adjustment	Ln6 * Ln25 + Ln22	N/A	N/A	N/A	\$ (498)	\$ (5)
27	TRS Exogenous Cost Adjustment	Ln11 * Ln25 + Ln23	N/A	N/A	N/A	\$ 2,797	\$ 27
28	NANPA Exogenous Cost Adjustment	Ln16 * Ln25 + Ln24	N/A	N/A	N/A	\$ (7)	\$ (0)
29	Total Exogenous Cost Adjustment	Ln26 + Ln27 + Ln28	N/A	N/A	N/A	\$ 2,292	\$ 22

<b>Filing Date:</b>	6/16/2017
<b>Filing Entity:</b>	ACS Companies, Tariff FCC No. 1
<b>Transmittal Number:</b>	53
<b>COSA(s):</b>	AKAN, AKFB, AKGL, AKGS, AKJU, AKSK

CMT  
CMT Calculations

COSA	Current Max CMT Rate	Total Local Exchange Lines	Proposed Max CMT Rev	Proposed Max CMT Rate
	CAP-1, Row 440	CAP-1, Row 130	CAP-1, Row 600	CAP-1, Row 460
	(A)	(B)	(C)	(D) = C / B
AKAN	7.998152	472,565 \$	3,793,007	8.026423
AKFB	7.713641	156,824 \$	1,213,764	7.739656
AKGL	7.008670	7,125 \$	50,080	7.028828
AKGS	7.371059	296,295 \$	2,191,361	7.395877
AKJU	8.201204	99,510 \$	818,349	8.223788
AKSK	7.856236	86,629 \$	682,870	7.882689

<b>Filing Date:</b>	6/16/2017
<b>Filing Entity:</b>	ACS Companies, Tariff FCC No. 1
<b>Transmittal Number:</b>	53
<b>COSA(s):</b>	AKAN, AKFB, AKGL, AKGS, AKJU, AKSK

OUTPC  
Services Out of Price Cap Regulation

Rate Element Detail	Tariff Section
---------------------	----------------