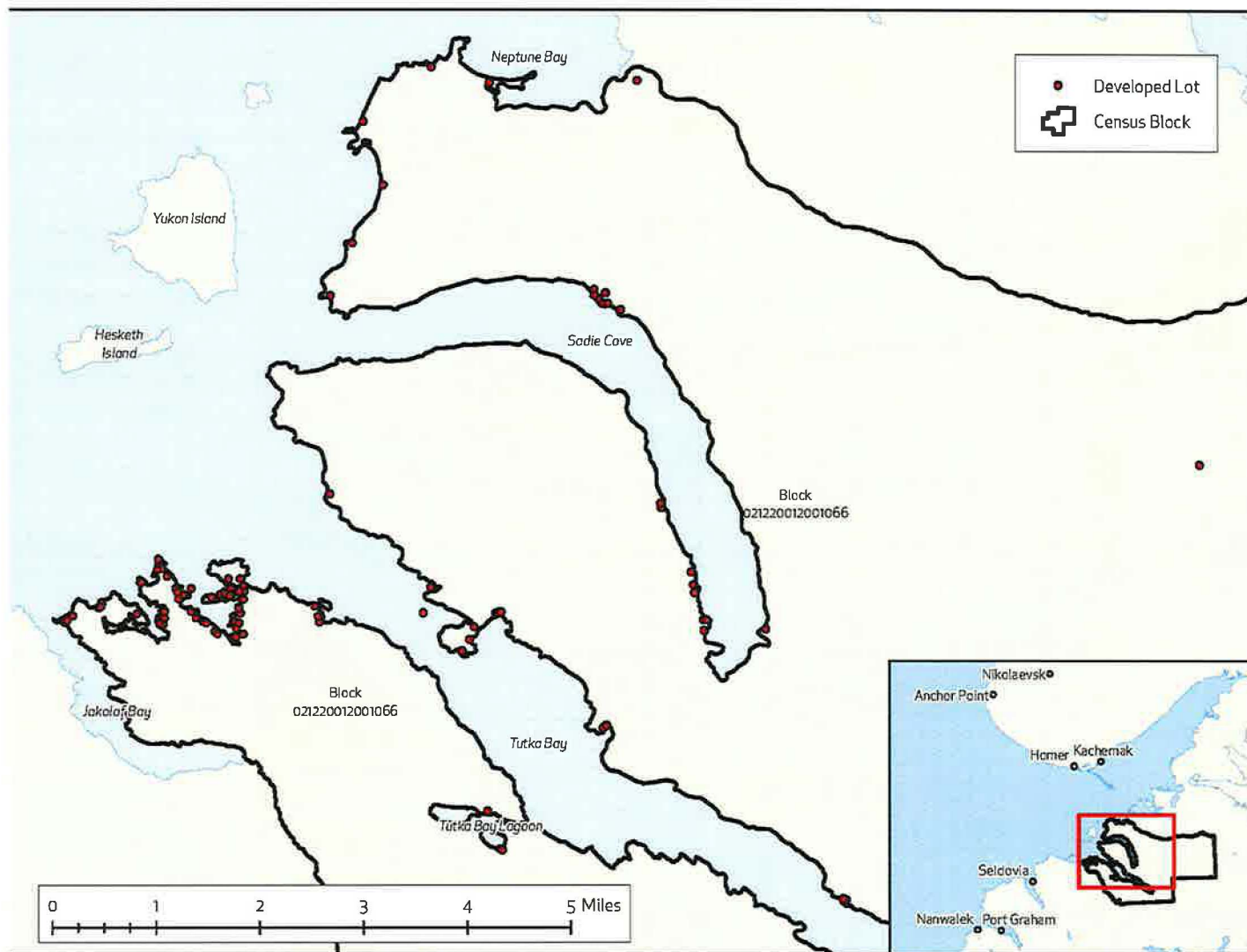


GCI Presentation
RCA Public Hearing
Docket R-18-001
April 9, 2018

GCI Presentation April 9, 2018 Docket R-18-001

Date: 4/9/18 Exh # H-4
Regulatory Commission of Alaska
By: APS R-18-001
Northern Lights Realtime & Reporting, Inc.
(907) 337-2221



ANF Distribution Mechanism

			Annual		Monthly										
AUSF Budget			\$ 20,000,000		\$ 1,666,667										
Lower Constraint on Chg. From Current CCL Support			-20%												
Upper Constraint on Chg. From Current CCL Support			100%												
Support to Census Blocks without Wireline Competition (Based on FCC Form 477)															
Support to Census Blocks with Cost >			\$ 52.00												
A	B	C	D	E	F	G	H	I	J	K	L	M	N		
Relative Cost Model Distribution of Support			Current Total AUSF		Current CCL Support		Realtive Cost Model Support:		% Chg. In CCL: Reve Threshold and WL Competitor Constrained	Relative Cost Model Support: Constrained & Difference Limits	% Chg. In CCL: Constrained & - 20%/+100% Difference Limits		% Chg. In Total AUSF: Constrained & - 20%/+100% Difference Limits	Budget Remaining Distributed Based on Current Total AUSF Support where Chg. < lower constraint)	Relative Cost Model: Distributed Support Final
							Model Support: No Constraints				% Chg. In CCL: No Constraints				
ACS of Alaska - Greatland			\$ 16,598	\$ 1,212	\$ 11,429	943%	\$ 81	-93%	\$ 969	-20%	-94%	\$ 3,616	\$ 4,586		
ACS of Alaska - Juneau Douglas Tel			\$ 57,667	\$ 6,268	\$ 70,645	1127.13%	1,823	-71%	\$ 5,014	-20%	-91%	\$ 12,564	\$ 17,578		
ACS of Anchorage															
ACS of Fairbanks			\$ 179,746	\$ 17,741	\$ 185,196	1043.88%	\$ 48,622	174%	\$ 35,482	100%	-80%	\$ 39,162	\$ 74,645		
ACS of the Northland - Glacier Stat			\$ 236,169	\$ 60,069	\$ 382,144	636.17%	\$ 305,045	408%	\$ 120,139	100%	-49%	\$ 51,455	\$ 171,594		
ACS of the Northland - Sitka Telep			\$ 16,701	\$ 1,772	\$ 143,856	8117.10%	\$ 228,937	12818%	\$ 3,545	100%	-79%	\$ 3,639	\$ 7,183		
ADAK EAGLE ENTERPRISESdba ADA			\$ 41,617	\$ 41,599	\$ 36,860	88.61%	\$ 75,303	81%	\$ 75,303	81%	81%	\$ -	\$ 75,303		
ALASKA TELEPHONE COMPANY			\$ 72,445	\$ 70,163	\$ 81,079	115.56%	\$ 103,512	48%	\$ 103,512	48%	43%	\$ -	\$ 103,512		
ARCTIC SLOPE TELEPHONE ASSOC			\$ 59,221	\$ 37,002	\$ 47,299	127.83%	\$ 85,316	131%	\$ 74,004	100%	25%	\$ -	\$ 74,004		
BRISTOL BAY TELEPHONE COOPER			\$ 25,588	\$ 24,835	\$ 10,436	42.02%	\$ 14,910	-40%	\$ 19,868	-20%	-22%	\$ 5,575	\$ 25,443		
BUSH-TELL, INC			\$ 19,498	\$ 19,136	\$ 8,042	42.03%	\$ 12,506	-35%	\$ 15,309	-20%	-21%	\$ 4,248	\$ 19,557		
COPPER VALLEY TELEPHONE COO			\$ 194,689	\$ 146,480	\$ 69,266	47.29%	\$ 110,706	-24%	\$ 117,184	-20%	-40%	\$ 42,418	\$ 159,602		
CORDOVA TELEPHONE COOPERAT			\$ 43,101	\$ 35,401	\$ 8,379	23.67%	\$ 5,882	-83%	\$ 28,321	-20%	-34%	\$ 9,391	\$ 37,712		
CIRCLE UTILITIES			\$ 2,184	2,088	\$ 3,077	147.38%	6,056	190%	\$ 4,176	100%	91%	\$ -	\$ 4,176		
KETCHIKAN PUBLIC UTILITIESKPU			\$ 79,715	\$ 51,657	\$ 31,907	61.77%	\$ 1,789	-97%	\$ 41,326	-20%	-48%	\$ 17,368	\$ 58,693		
MATANUSKA TELEPHONE ASSOCIA			\$ 480,910	\$ 272,265	\$ 279,915	102.81%	\$ 185,174	-32%	\$ 217,812	-20%	-55%	\$ 104,779	\$ 322,591		
NUSHAGAK COOPERATIVE			\$ 31,528	\$ 31,344	\$ 14,876	47.46%	\$ 21,447	-32%	\$ 25,075	-20%	-20%	\$ 6,869	\$ 31,944		
OTZ TELEPHONE COOPERATIVE, IN			\$ 44,884	\$ 44,222	\$ 39,677	89.72%	\$ 69,540	57%	\$ 69,540	57%	55%	\$ -	\$ 69,540		
SUMMIT TELEPHONE COMPANY			\$ 19,505	\$ 18,406	\$ 15,485	84.13%	\$ 27,588	50%	\$ 27,588	50%	41%	\$ -	\$ 27,588		
TELALASKACOMPANY, INC			\$ 124,121	\$ 70,428	\$ 110,474	156.86%	\$ 173,434	146%	\$ 140,857	100%	13%	\$ -	\$ 140,857		
UNITED UTILITIES, INC, UNITED-K			\$ 236,671	\$ 129,585	\$ 112,270	86.64%	\$ 183,167	41%	\$ 183,167	41%	-23%	\$ 51,565	\$ 234,732		
YUKON TELEPHONE COMPANY, IN			\$ 5,183	\$ 5,049	\$ 4,355	86.25%	\$ 5,827	15%	\$ 5,827	15%	12%	\$ -	\$ 5,827		
Grand Total			\$ 1,987,739	\$ 1,086,723	\$ 1,666,667		\$ 1,666,667		\$ 1,314,017				\$ 1,666,667		
Budget Undistributed due to Constraints									\$ 352,650			Check		\$ 352,650	
									Sum of AUSF Support of LECS where Chg. In supp			\$ 1,618,582			

	ACS Column E	ACS Column F	ACS Column G
Relative Cost Model Distribution of Support	Current CCL Support	Relative Cost Model Support: No Constraints	Column F ÷ Column E
ACS of Alaska - Greatland	\$ 1,212	\$ 11,429	943.33%
ACS of Alaska - Juneau Douglas Telephone	\$ 6,268	\$ 70,645	1127.13%
ACS of Anchorage			
ACS of Fairbanks	\$ 17,741	\$ 185,196	1043.88%
ACS of the Northland - Glacier State	\$ 60,069	\$ 382,144	636.17%
ACS of the Northland - Sitka Telephone Co.	\$ 1,772	\$ 143,856	8117.10%
ADAK EAGLE ENTERPRISESdba ADAK TELEPHONE UTILIT	\$ 41,599	\$ 36,860	88.61%
ALASKA TELEPHONE COMPANY	\$ 70,163	\$ 81,079	115.56%
ARCTIC SLOPE TELEPHONE ASSOCIATION COOPERATIVE	\$ 37,002	\$ 47,299	127.83%
BRISTOL BAY TELEPHONE COOPERATIVE, INC	\$ 24,835	\$ 10,436	42.02%
BUSH-TELL, INC	\$ 19,136	\$ 8,042	42.03%
COPPER VALLEY TELEPHONE COOPERATIVE	\$ 146,480	\$ 69,266	47.29%
CORDOVA TELEPHONE COOPERATIVE	\$ 35,401	\$ 8,379	23.67%
CIRCLE UTILITIES	2,088	\$ 3,077	147.38%
KETCHIKAN PUBLIC UTILITIESKPU TELECOMMUNICATIC	\$ 51,657	\$ 31,907	61.77%
MATANUSKA TELEPHONE ASSOCIATION (MTA)	\$ 272,265	\$ 279,915	102.81%
NUSHAGAK COOPERATIVE	\$ 31,344	\$ 14,876	47.46%
OTZ TELEPHONE COOPERATIVE, INC	\$ 44,222	\$ 39,677	89.72%
SUMMIT TELEPHONE COMPANY	\$ 18,406	\$ 15,485	84.13%
TELALASKACOMPANY, INC	\$ 70,428	\$ 110,474	156.86%
UNITED UTILITIES, INC, UNITED-KUC,	\$ 129,585	\$ 112,270	86.64%
YUKON TELEPHONE COMPANY, INC	\$ 5,049	\$ 4,355	86.25%
Grand Total	\$ 1,086,723	\$ 1,666,667	

		ACS Column F		
Relative Cost Model Distribution of Support	Current CCL + COLR	Relative Cost Model Support: No Constraints	ACS Column F minus (CCL + COLR)	ACS Column F ÷ (CCL + COLR)
ACS of Alaska - Greatland	\$ 16,598	\$ 11,429	\$ (5,169)	68.9%
ACS of Alaska - Juneau Douglas Telephone	\$ 57,667	\$ 70,645	\$ 12,977	122.5%
ACS of Fairbanks	\$ 179,746	\$ 185,196	\$ 5,450	103.0%
ACS of the Northland - Glacier State	\$ 236,169	\$ 382,144	\$ 145,975	161.8%
ACS of the Northland - Sitka Telephone C	\$ 16,701	\$ 143,856	\$ 127,155	861.3%
All ACS ILECs	\$ 506,881	\$ 793,270	\$ 286,389	156.5%
ADAK EAGLE ENTERPRISESdba ADAK TEL	\$ 41,599	\$ 36,860	\$ (4,739)	88.6%
ALASKA TELEPHONE COMPANY	\$ 70,163	\$ 81,079	\$ 10,916	115.6%
ARCTIC SLOPE TELEPHONE ASSOCIATION	\$ 58,816	\$ 47,299	\$ (11,516)	80.4%
BRISTOL BAY TELEPHONE COOPERATIVE	\$ 24,835	\$ 10,436	\$ (14,398)	42.0%
BUSH-TELL, INC	\$ 19,136	\$ 8,042	\$ (11,094)	42.0%
COPPER VALLEY TELEPHONE COOPERAT	\$ 191,910	\$ 69,266	\$ (122,644)	36.1%
CORDOVA TELEPHONE COOPERATIVE	\$ 42,853	\$ 8,379	\$ (34,474)	19.6%
CIRCLE UTILITIES	\$ 2,088	\$ 3,077	\$ 989	147.4%
KETCHIKAN PUBLIC UTILITIESKPU TELEC	\$ 78,787	\$ 31,907	\$ (46,881)	40.5%
MATANUSKA TELEPHONE ASSOCIATION	\$ 476,970	\$ 279,915	\$ (197,055)	58.7%
NUSHAGAK COOPERATIVE	\$ 31,344	\$ 14,876	\$ (16,468)	47.5%
OTZ TELEPHONE COOPERATIVE, INC	\$ 44,222	\$ 39,677	\$ (4,546)	89.7%
SUMMIT TELEPHONE COMPANY	\$ 18,406	\$ 15,485	\$ (2,921)	84.1%
TELALASKACOMPANY, INC	\$ 122,212	\$ 110,474	\$ (11,739)	90.4%
UNITED UTILITIES, INC, UNITED-KUC,	\$ 129,585	\$ 112,270	\$ (17,315)	86.6%
YUKON TELEPHONE COMPANY, INC	\$ 5,049	\$ 4,355	\$ (694)	86.2%
All non-ACS	\$ 1,357,976	\$ 873,397	\$ (484,580)	64.3%
Grand Total	\$ 1,864,857	\$ 1,666,667		

Line	Exchange	Study Area	Line	Exchange	Study Area	Line	Exchange	Study Area	Line	Exchange	Study Area
1	AKIACHAK	UUI	16	EMMONAK	UUI	31	McGrath	KUC	46	SAVOONGA	UUI
2	AKIAK	UUI	17	GAMBELL	UUI	32	MEKORYUK	UUI	47	SCAMMON BAY	UUI
3	ALAKANUK	UUI	18	GOODNEWS	UUI	33	MINTO	UUI	48	SHELDON POINT	UUI
4	ARCTIC VILLAGE	UUI	19	HOOPER BAY	UUI	34	MT. VILLAGE	UUI	49	ST. MARY'S	UUI
5	ATMAUTLUAK	UUI	20	KASIGLUK	UUI	35	NAPAKIAK	UUI	50	STEVENS VILLAGE	UUI
6	BEAVER	UUI	21	KIPNUK	UUI	36	NAPASKIAK/OSCARVILLE	UUI	51	TAKOTNA	UUI
7	Bethel	KUC	22	KONGIGINAK	UUI	37	NEWTOK	UUI	52	TELIDA	UUI
8	BIRCH CREEK	UUI	23	KOTLIK	UUI	38	NIGHTMUTE	UUI	53	TOGIK/TWIN HILLS	UUI
9	CENTRAL	UUI	24	KWETHLUK	UUI	39	NIKOLAI	UUI	54	TOKSOOK BAY	UUI
10	CHALKYITSIK	UUI	25	KWIGILLINGO	UUI	40	NUNAPITCHUK	UUI	55	TULUKSAK	UUI
11	CHEFORNAK	UUI	26	LAKE MINCHUK	UUI	41	PILOT STATION	UUI	56	TUNTUTULIAK	UUI
12	CHENEGA BAY	UUI	27	LIME VILLAGE	UUI	42	PLATINUM	UUI	57	TUNUNAK	UUI
13	CHEVAK	UUI	28	LIVENGOOD	UUI	43	QUINHAGAK	UUI	58	Unalakleet	KUC
14	CHUATHBALUK	UUI	29	MANLEY	UUI	44	RAMPART	UUI	59	VENETIE	UUI
15	EEK	UUI	30	MARSHALL	UUI	45	RUSSIAN MISSION	UUI			

Line	Exchange	Study Area	Line	Exchange	Study Area	Line	Exchange	Study Area	Line	Exchange	Study Area
1	Akhiok	ACS-N Sitka	14	False Pass	ACS-N Sitka	27	Klawock	ACS-N Sitka	40	Perryville	ACS-N Sitka
2	Akutan	ACS-N Sitka	15	Gustavus	ACS-N Sitka	28	Koyukuk	ACS-N Sitka	41	Pilot Point	ACS-N Sitka
3	Angoon	ACS-N Sitka	16	Halibut Cove	ACS-N Sitka	29	Larsen Bay	ACS-N Sitka	42	Point Baker	ACS-N Sitka
4	Atka	ACS-N Sitka	17	Hobart Bay	ACS-N Sitka	30	Meshik - Port Heiden	ACS-N Sitka	43	Port Alexander	ACS-N Sitka
5	Border City	ACS-N Sitka	18	Hoonah	ACS-N Sitka	31	Nelson Lagoon	ACS-N Sitka	44	Port Alsworth	ACS-N Sitka
6	Chignik	ACS-N Sitka	19	Hughes	ACS-N Sitka	32	Nikolski	ACS-N Sitka	45	Port Graham	ACS-N Sitka
7	Chignik Lagoon	ACS-N Sitka	20	Huslia	ACS-N Sitka	33	Nondalton	ACS-N Sitka	46	Port Protection	ACS-N Sitka
8	Chignik Lake	ACS-N Sitka	21	Ivanof Bay	ACS-N Sitka	34	Northway	ACS-N Sitka	47	Sitka	ACS-N Sitka
9	Coffman Cove	ACS-N Sitka	22	Kake	ACS-N Sitka	35	Nulato	ACS-N Sitka	48	St. George	ACS-N Sitka
10	Cube Cove	ACS-N Sitka	23	Kakhonak	ACS-N Sitka	36	Old Harbor	ACS-N Sitka	49	St. Paul	ACS-N Sitka
11	Egegik	ACS-N Sitka	24	Kaltag	ACS-N Sitka	37	Ouzinkie	ACS-N Sitka	50	Tenakee Springs	ACS-N Sitka
12	Elfin Cove	ACS-N Sitka	25	Karluk	ACS-N Sitka	38	Pedro Bay	ACS-N Sitka	51	Thorne Bay	ACS-N Sitka
13	English Bay	ACS-N Sitka	26	Kasaan	ACS-N Sitka	39	Pelican	ACS-N Sitka	52	Yakutat	ACS-N Sitka

	ACS Column E	ACS Column N		
Relative Cost Model Distribution of Support	Current CCL Support	Relative Cost Model: Distributed Support Final	Column N ÷ Column E*	Column N ÷ Column E (%)*
ACS of Alaska - Greatland	\$ 1,212	\$ 4,586	3.8	378%
ACS of Alaska - Juneau Douglas Telephone	\$ 6,268	\$ 17,578	2.8	280%
ACS of Anchorage				
ACS of Fairbanks	\$ 17,741	\$ 74,645	4.2	421%
ACS of the Northland - Glacier State	\$ 60,069	\$ 171,594	2.9	286%
ACS of the Northland - Sitka Telephone	\$ 1,772	\$ 7,183	4.1	405%
ADAK EAGLE ENTERPRISESdba ADAK TEL	\$ 41,599	\$ 75,303	1.8	181%
ALASKA TELEPHONE COMPANY	\$ 70,163	\$ 103,512	1.5	148%
ARCTIC SLOPE TELEPHONE ASSOCIATION	\$ 37,002	\$ 74,004	2.0	200%
BRISTOL BAY TELEPHONE COOPERATIVE	\$ 24,835	\$ 25,443	1.0	102%
BUSH-TELL, INC	\$ 19,136	\$ 19,557	1.0	102%
COPPER VALLEY TELEPHONE COOPERATIVE	\$ 146,480	\$ 159,602	1.1	109%
CORDOVA TELEPHONE COOPERATIVE	\$ 35,401	\$ 37,712	1.1	107%
CIRCLE UTILITIES	\$ 2,088	\$ 4,176	2.0	200%
KETCHIKAN PUBLIC UTILITIESKPU TELE	\$ 51,657	\$ 58,693	1.1	114%
MATANUSKA TELEPHONE ASSOCIATION	\$ 272,265	\$ 322,591	1.2	118%
NUSHAGAK COOPERATIVE	\$ 31,344	\$ 31,944	1.0	102%
OTZ TELEPHONE COOPERATIVE, INC	\$ 44,222	\$ 69,540	1.6	157%
SUMMIT TELEPHONE COMPANY	\$ 18,406	\$ 27,588	1.5	150%
TELALASKACOMPANY, INC	\$ 70,428	\$ 140,857	2.0	200%
UNITED UTILITIES, INC, UNITED-KUC,	\$ 129,585	\$ 234,732	1.8	181%
YUKON TELEPHONE COMPANY, INC	\$ 5,049	\$ 5,827	1.2	115%
Grand Total	\$ 1,086,723	\$ 1,666,667	1.5	153%
*Greater than 2x or 200%				