

TABLE 1
SMS/800 TFN REGISTRY - COMPARISON of CURRENT and PROPOSED RATES

ITEM NO.	RESPORG SERVICE/RATE ELEMENT	CURRENT RATES (a)	PROPOSED RATES (b)	\$ CHANGE (c) = (b-a)	% CHANGE (d) = (c/a)	REVENUE IMPACT (e)
1	Service Est. - First Logon ID	\$ 683.90	\$ 691.09	\$7.19	1.05%	\$108
2	Service Est. - Add'l. Logon ID	\$ 108.42	\$ 109.56	\$1.14	1.05%	\$530
3	Security Key, per Security Key issued	\$ 159.10	\$ 160.33	\$1.23	0.77%	\$43
4	Service Restoration (post suspension)	\$ 131.35	\$ 126.03	-\$5.32	-4.05%	-\$11
5	Access: Non-Dedicated	\$ 27.27	\$ 28.44	\$1.17	4.29%	\$10,614
6	Access: Ded. (non-MGI)	\$ 36.39	\$ 38.28	\$1.89	5.19%	\$4,627
7	Access: Ded. (MGI)	\$ 192.10	\$ 203.20	\$11.10	5.78%	\$7,592
8	Customer Reports					
8a	On-line Reports	\$ 23.10	\$ 21.25	-\$1.85	-8.01%	-\$237
8b	Off-line Reports, per hour	\$ 180.02	\$ 181.46	\$1.44	0.80%	\$12
9	MGI/WSI Add'l Resp Org Testing per Hour	\$ 200.00	\$ 200.00	\$0.00	0.00%	\$0
10	Batch Update Testing per Hour	\$ 59.87	\$ 59.94	\$0.07	0.12%	\$0
11	Batch Update	\$ 17.46	\$ 24.38	\$6.92	39.63%	\$664
12	RESPORG Change	\$ 12.09	\$ 12.22	\$0.13	1.08%	\$180
13	Cust. Rcrd. Admn.	\$ 0.1130	\$ 0.1163	\$0.0033	2.92%	\$1,655,512
Net Impact						\$1,679,635

Notes:

1. Column (b) source is Table 6, column (c).
2. Column (e) is the product of column (c) and Table 3, column (d).

TABLE 2
SMS/800 TFN REGISTRY - REVENUE REQUIREMENT SUMMARY

ITEM NO	BUDGET ELEMENT	Prior Revenue Requirement 2/15/18 - 2/14/19 (a)	Past Year Actual 2/15/18 - 2/14/19 (b)	Past Year Variance (c)=(b-a)	Projected Revenue Requirement 2/15/19 - 2/14/20 (d)
1	<i>SMS/800 Operation & Administration</i>	33,211,625	32,841,184	-370,442	38,452,268
2	<i>Data Center Operations</i>	22,663,551	23,584,895	921,344	18,812,112
3	<i>Software Support</i>	3,271,941	3,323,720	51,779	3,574,344
4	<i>Total (items 1+2+3)</i>	59,147,117	59,749,799	602,682	60,838,725

Notes:

1. Column (a) reflects projection for the prior filing
2. Column (b) reflects actual costs for period of February 15, 2018 through October 2018 plus projected costs for period of November 1, 2018 through February 14, 2019.
3. Column (c) is the difference between Column (b) and Column (a) amounts (past year projected and actual cost).
4. Column (d) is the revenue requirement projected for the future year period of February 15, 2019 through February 14, 2020.
5. SMS/800 Operation & Administration includes Help Desk.

TABLE 2A

SMS/800 TFN REGISTRY - REVENUE REQUIREMENT DETAIL (CONFIDENTIAL-PROPRIETARY Non-Public Financial Information in Support of Tariff Filing. Not for Public Disclosure.)

CONFIDENTIAL-PROPRIETARY

Non-Public Financial Information in Support of Tariff Filing. Not for Public Disclosure.

TABLE 2B

**SMS/800 TFN REGISTRY - RESP ORG REVENUE (CONFIDENTIAL-PROPRIETARY -
Non-Public Financial Information in Support of Tariff Filing. Not for Public
Disclosure.)**

CONFIDENTIAL-PROPRIETARY

Non-Public Financial Information in Support of Tariff Filing. Not for Public Disclosure

TABLE 3
SMS/800 TFN REGISTRY - DEMAND SUMMARY

ITEM NO.	SERVICE/RATE ELEMENT	Prior Projected Demand	Actual Demand	Past Year	Projected Demand
		2/15/18 - 2/14/19	2/15/18 - 2/14/19	Variance	2/15/19 - 2/14/20
		(a)	(b)	(c)=(b-a)	(d)
1	Service Est. - First Logon ID	22.0	13	(10)	15.0
2	Service Est. - Add'l. Logon ID	515.0	520	5	465.0
3	Security Key, per Security Key issued	41.0	43	2	35.0
4	Resp Org Restoration (post suspension)	3.0	0	(3)	2.0
5	Access: Non-Dedicated	9,132.0	9,155	23	9,072.0
6	Access: Ded. (non-MGI)	2,388.0	2,450	62	2,448.0
7	Access: Ded. (MGI)	672.0	679	7	684.0
8	Customer Reports				
8a	On-line Reports	130.0	111	(19)	128.0
8b	Off-line Reports, per hour	10.0	1.3	(8.8)	8.0
9	MGI/WSI Add'l Resp Org Testing per Hour	-	2	2	-
10	Batch Update Testing per Hour	-	0.00	0	-
11	Batch Update	180	71	(109)	96
12	RESPORG Change	2,500	1,441	(1,059)	1,385
13	Cust. Rcrd. Admn.	498,694,173	499,835,969	1,141,795	501,670,295

Notes:

1. Column (a) reflects the projected demand filed for the period of February 15, 2018 through February 14, 2019.
2. Column (b) reflects actual demand for February 15, 2018 through November 14, 2018. Projections for remainder of tariff period are included. Details for Cust. Rcrd. Admn. demand (item 1) are found in Table 3A.
3. Column (c) reflects difference between the projected demand and actual demand for the period February 15, 2018 through February 14, 2019.
4. Column (d) reflects projected demand for period of February 15, 2019 through February 14, 2020.

TABLE 3A
SMS/800 TFN REGISTRY: CRA Demand Data

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1993					3,010,536	3,057,738	3,082,959	3,171,217	3,189,910	3,291,276	3,413,024	3,513,029	25,729,689
1994	3,530,146	3,641,213	3,920,350	3,994,509	4,027,382	4,299,018	4,533,949	4,833,080	5,047,818	5,264,202	5,481,648	5,657,047	54,230,362
1995	5,780,592	5,976,917	6,143,859	6,353,798	6,577,347	6,781,100	6,829,783	6,845,507	6,883,147	6,941,020	6,981,109	6,980,352	79,074,531
1996	6,689,437	6,935,024	7,337,266	7,664,377	7,880,087	8,160,941	8,439,726	8,738,184	9,046,918	9,343,158	9,666,104	9,950,184	99,851,406
1997	10,103,675	10,304,718	10,563,886	10,851,251	11,091,599	11,296,361	11,662,373	11,986,080	12,403,293	12,864,596	13,191,511	13,387,120	139,706,463
1998	13,588,577	13,787,956	13,985,025	14,317,589	14,785,536	15,086,551	15,358,650	15,653,090	15,942,127	16,195,303	16,500,143	16,730,285	181,930,832
1999	16,880,002	17,047,544	17,288,406	17,676,100	18,047,277	18,377,443	18,607,845	19,034,305	19,414,611	19,679,782	20,085,221	20,465,301	222,603,837
2000	20,811,924	21,154,106	21,316,195	21,643,967	21,923,011	22,160,717	22,388,709	22,790,689	23,251,813	23,514,618	23,894,584	24,094,945	268,945,278
2001	24,270,379	24,363,754	24,380,714	24,521,736	24,488,361	24,526,559	24,505,838	24,450,819	24,462,339	24,424,360	24,373,791	24,402,684	293,171,334
2002	24,454,646	24,486,725	24,500,170	24,558,595	24,373,991	23,979,741	23,847,039	23,550,362	23,283,764	23,292,077	23,431,006	23,477,381	287,235,497
2003	23,530,145	23,516,563	23,577,331	23,616,524	23,429,077	23,274,761	22,950,144	22,497,523	22,200,086	21,852,694	21,864,645	21,962,635	274,272,128
2004	21,938,762	21,901,686	21,971,389	22,117,504	22,055,083	22,200,549	22,340,281	22,498,495	22,644,552	22,835,924	22,966,963	23,064,354	268,535,542
2005	23,229,089	23,346,549	23,201,081	23,134,450	23,330,814	23,527,391	23,463,699	23,596,503	23,599,853	23,515,387	23,522,065	23,447,553	280,914,434
2006	23,436,029	23,390,553	23,313,796	23,344,209	23,249,544	23,338,156	23,456,038	23,577,101	23,581,585	23,632,598	23,451,676	23,416,077	281,187,362
2007	23,458,052	23,479,780	23,537,574	23,600,896	23,708,424	23,984,983	23,913,593	24,025,358	24,074,746	24,146,681	24,265,066	24,293,987	286,489,140
2008	24,305,220	24,419,142	24,908,356	25,075,600	25,182,376	25,253,327	25,386,564	25,357,385	25,373,347	25,303,282	25,480,387	25,532,028	301,577,014
2009	25,428,356	25,450,217	25,463,388	25,753,903	25,638,480	25,813,404	25,906,157	25,987,980	26,129,659	26,204,661	26,321,186	26,518,317	310,615,708
2010	26,671,316	26,835,864	27,159,315	27,629,543	27,851,317	28,448,726	28,662,447	28,868,631	29,132,765	29,174,057	29,299,271	29,435,086	339,168,338
2011	29,490,916	29,572,042	29,875,855	30,256,897	30,384,758	30,628,911	30,719,311	31,218,636	31,456,154	31,588,239	31,603,059	31,652,166	368,446,944
2012	31,911,342	31,959,949	32,043,250	32,486,339	32,916,359	32,958,457	33,034,558	33,057,957	33,209,197	33,268,132	33,561,777	33,901,912	394,309,229
2013	34,050,911	34,200,096	34,374,418	35,790,677	36,011,525	36,257,490	36,428,981	36,286,329	36,335,887	36,484,946	36,618,683	36,988,857	429,828,799
2014	37,297,942	37,439,346	37,533,910	38,053,428	38,281,020	38,431,219	38,539,262	38,662,165	38,825,322	39,025,555	39,149,806	39,448,712	460,687,687
2015	39,771,343	39,862,978	39,898,403	40,121,670	40,181,727	40,154,223	40,103,415	40,286,633	40,473,226	40,482,416	40,611,930	40,671,501	482,619,467
2016	40,523,048	40,344,882	40,471,515	40,626,166	40,684,297	40,951,469	41,381,551	41,421,768	41,316,274	41,271,836	41,424,127	41,427,082	491,844,016
2017	41,358,307	41,470,705	41,452,754	41,272,963	41,389,195	41,431,202	41,526,715	41,161,622	41,232,762	41,483,622	41,534,784	41,364,624	496,679,255
2018	41,490,611	41,396,193	41,228,168	41,441,516	41,553,869	41,610,633	41,694,894	41,782,181	41,693,766	41,665,817	41,819,238	<i>41,792,859</i>	<i>499,169,744</i>
2019	<i>41,766,804</i>	<i>41,786,224</i>	<i>41,843,201</i>	<i>41,817,943</i>	<i>41,792,685</i>	<i>41,767,427</i>	<i>41,776,026</i>	<i>41,784,624</i>	<i>41,793,223</i>	<i>41,821,449</i>	<i>41,849,676</i>	<i>41,877,902</i>	<i>501,677,183</i>
2020	<i>41,808,014</i>	<i>41,738,126</i>											

Notes:

1. Demand quantities for May 1993 through November 2018 are actual amounts.
2. Demand quantities for December 2018 through February 2020 (in bold italics) are projected amounts.

TABLE 4
SMS/800 TFN REGISTRY - DISTRIBUTION of REVENUE REQUIREMENT

ITEM NO.	RESPORG SERVICE/RATE ELEMENTS	SMS/800 OPER & ADM		DATA CENTER OPERATION	SOFTWARE SUPPORT	TOTAL REV REQ
		Help Desk Operation	All Other Oper&Adm			
		(a)	(b)	(c)	(d)	(e)=(a+b+c+d)
	Total Rev Req =	\$ 2,408,199	\$ 36,044,069	\$ 18,812,112	\$ 3,574,344	\$ 60,838,725
1	Service Est. - First Logon ID	\$ 10,366	\$ -	\$ -	\$ -	\$ 10,366
2	Service Est. - Add'l. Logon ID	\$ 50,947	\$ -	\$ -	\$ -	\$ 50,947
3	Security Key, per Security Key issued	\$ 4,130	\$ -	\$ 1,482	\$ -	\$ 5,612
4	Resp Org Restoration (post suspension)	\$ 202	\$ 50	\$ -	\$ -	\$ 252
5	Access: Non-Dedicated	\$ 20,347	\$ -	\$ 237,705	\$ -	\$ 258,052
6	Access: Ded. (non-MGI)	\$ -	\$ -	\$ 93,705	\$ -	\$ 93,705
7	Access: Ded. (MGI)	\$ -	\$ -	\$ 138,991	\$ -	\$ 138,991
8	Customer Reports					
8a	On-line Reports	\$ 1,618	\$ -	\$ 1,102	\$ -	\$ 2,720
8b	Off-line Reports, per hour	\$ 152	\$ -	\$ -	\$ 1,300	\$ 1,452
9	MGI/WSI Add'l Resp Org Testing per Hour	\$ -	\$ -	\$ -	\$ -	\$ -
10	Batch Update Testing per Hour	\$ -	\$ -	\$ -	\$ -	\$ -
11	Batch Update	\$ 759	\$ -	\$ 1,582	\$ -	\$ 2,340
12	RESPORG Change	\$ 16,925	\$ -	\$ -	\$ -	\$ 16,925
13	Cust. Rcrd. Admn.	\$ 2,302,754	\$ 34,904,035	\$ 18,175,573	\$ 2,951,164	\$ 58,333,525
	Resp Org Total	\$ 2,408,199	\$ 34,904,085	\$ 18,650,141	\$ 2,952,464	\$ 58,914,888

Notes:

1. Projected Total Revenue Requirement amounts in columns (a), (b), (c), and (d) is developed from anticipated expenses.
2. Column (a) distributions calculated by multiplying the average unit cost from Table 5, column (a) by the projected demand in Table 3, column (d).
3. Column (b) distributions calculated by multiplying the average unit cost from Table 5, column (d) by the projected demand in Table 3, column (d).
4. Column (c) distributions calculated by multiplying the average unit cost from Table 5, column (b) by the projected demand in Table 3, column (d).
5. Column (d) distributions calculated by multiplying the average unit cost from Table 5, column (c) by the projected demand in Table 3, column (d).

TABLE 5
SMS/800 TFN REGISTRY - AVERAGE UNIT COSTS

ITEM NO.	RESPORG SERVICE/RATE ELEMENT	HELP DESK TASK ORIENTED ANALYSIS (a)	DATA CENTER COST DISTRIBN ANALYSIS (b)	SOFTWARE COST DISTRIBN ANALYSIS (c)	ADMIN COST DISTRIBN ANALYSIS (d)
1	Service Est. - First Logon ID	\$691.09	\$0.00	\$0.00	\$0.00
2	Service Est. - Add'l. Logon ID	\$109.56	\$0.00	\$0.00	\$0.00
3	Security Key, per Security Key issued	\$117.99	\$42.34	\$0.00	\$0.00
4	Resp Org Restoration (post suspension)	\$101.13	\$0.00	\$0.00	\$24.90
5	Access: Non-Dedicated	\$2.24	\$26.20	\$0.00	\$0.00
6	Access: Ded. (non-MGI)	\$0.00	\$38.28	\$0.00	\$0.00
7	Access: Ded. (MGI)	\$0.00	\$203.20	\$0.00	\$0.00
8	Customer Reports				
8a	On-line Reports	\$12.64	\$8.61	\$0.00	\$0.00
8b	Off-line Reports, per Hour	\$18.96	\$0.00	\$162.50	\$0.00
9	MGI/WSI Add'l Resp Org Testing per Hour	\$0.00	\$0.00	\$200.00	\$0.00
10	Batch Update Testing per Hour	\$6.74	\$53.20	\$0.00	\$0.00
11	Batch Update	\$7.90	\$16.48	\$0.00	\$0.00
12	RESPORG Change	\$12.22	\$0.00	\$0.00	\$0.00
13	Cust. Rcrd. Admn.	\$0.00459	\$0.03623	\$0.00588	\$0.06958

Notes:

1. The development and application of average unit costs is described in part 2.1 of the Description and Justification (D & J) for this tariff filing.

TABLE 6
SMS/800 TFN REGISTRY - RATE DEVELOPMENT

ITEM NO.	RESPORG SERVICE/RATE ELEMENT	REV. REQMT. (a)	DEMAND (b)	RATE (c) = (a/b)
1	Service Est. - First Logon ID	\$ 10,366	15	\$ 691.09
2	Service Est. - Add'l. Logon ID	\$ 50,947	465	\$ 109.56
3	Security Key, per Security Key issued	\$ 5,612	35	\$ 160.33
4	Resp Org Restoration (post suspension)	\$ 252	2	\$ 126.03
5	Access: Non-Dedicated	\$ 258,052	9,072	\$ 28.44
6	Access: Ded. (non-MGI)	\$ 93,705	2,448	\$ 38.28
7	Access: Ded. (MGI)	\$ 138,991	684	\$ 203.20
8	Customer Reports			
8a	On-line Reports	\$ 2,720	128	\$ 21.25
8b	Off-line Reports, per Hour	\$ 1,452	8	\$ 181.46
9	MGI/WSI Add'l Resp Org Testing per Hour	\$ -	-	\$ 200.00
10	Batch Update Testing per Hour	\$ -	-	\$ 59.94
11	Batch Update	\$ 2,340	96	\$ 24.38
12	RESPORG Change	\$ 16,925	1,385	\$ 12.22
13	Cust. Rcrd. Admn.	\$ 58,333,525	501,670,295	\$ 0.1163
Total Revenue Requirement		\$ 58,914,888		

Notes:

1. Source for column (a) is Table 4, column (e).
2. Source for column (b) is Table 3, column (d).

TABLE 7

**SMS/800 TFN REGISTRY - EXPENSE SUMMARY (CONFIDENTIAL-PROPRIETARY Non-Public
Financial Information in Support of Tariff Filing. Not for Public Disclosure.)**

CONFIDENTIAL - PROPRIETARY

Non-Public Financial Information in Support of Tariff Filing. Not for Public Disclosure.

TABLE 8
SMS/800 TFN REGISTRY - DEMAND DATA

Rate Element	Somos TN6 Period												
	2/15-3/14/19	3/15-4/14/19	4/15-5/14/19	5/15-6/14/19	6/15-7/14/19	7/15-8/14/19	8/15-9/14/19	9/15-10/14/19	10/15-11/14/19	11/15-12/14/19	12/15/19-1/14/20	1/15-2/14/20	Total
	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
Service Establishment													
First Logon IDs	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	15.00
Additional Logon IDs	38.75	38.75	38.75	38.75	38.75	38.75	38.75	38.75	38.75	38.75	38.75	38.75	465.00
New Security Keys	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	35.00
Resp Org Restoration (post suspension)	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	2.00
SMS Access													
Non-Dedicated Access	756.00	756.00	756.00	756.00	756.00	756.00	756.00	756.00	756.00	756.00	756.00	756.00	9,072.00
Dedicated (Non-MGI)	204.00	204.00	204.00	204.00	204.00	204.00	204.00	204.00	204.00	204.00	204.00	204.00	2,448.00
Dedicated (MGI)	57.00	57.00	57.00	57.00	57.00	57.00	57.00	57.00	57.00	57.00	57.00	57.00	684.00
MGI													
Activation	-	-	-	-	-	-	-	-	-	-	-	-	-
Initial Testing	-	-	-	-	-	-	-	-	-	-	-	-	-
Additional Testing/Day	-	-	-	-	-	-	-	-	-	-	-	-	-
Additional Testing/Hour	-	-	-	-	-	-	-	-	-	-	-	-	-
Call Sampling													
Reports	-	-	-	-	-	-	-	-	-	-	-	-	-
Usage	-	-	-	-	-	-	-	-	-	-	-	-	-
Reports													
Off-line Reports	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	8.00
Online Reports	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	128.00
Miscellaneous													
Batch Updates	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	96.00
Batch Testing/Day	-	-	-	-	-	-	-	-	-	-	-	-	-
Batch Testing/Hour	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Resp Org Change	115.42	115.42	115.42	115.42	115.42	115.42	115.42	115.42	115.42	115.42	115.42	115.42	1,385.00
Additional Bills	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Record Administration	41,843,201	41,817,943	41,792,685	41,767,427	41,776,026	41,784,624	41,793,223	41,821,449	41,849,676	41,877,902	41,808,014	41,738,126	501,670,295