

ATTACHMENT A1

Maintain the Same Percentage Allocations as in Prior Years

Calculation of FY 2013 Revenue Requirements and Pro-Rata Fees

Regulatory fees for the categories shaded in gray are collected by the Commission in advance to cover the term of the license and are submitted at the time the application is filed.

Fee Category	FY 2013 Payment Units	Years	FY 2012 Revenue Estimate	Pro-Rated FY 2013 Revenue Require- ment	Computed New FY 2013 Regulatory Fee	Rounded New FY 2013 Regula- tory Fee	Expected FY 2013 Revenue
PLMRS (Exclusive Use)	1,400	10	490,000	507,072	36	35	490,000
PLMRS (Shared use)	15,000	10	2,250,000	2,426,700	16	15	2,250,000
Microwave	13,200	10	2,640,000	2,390,480	18	20	2,640,000
218-219 MHz (Formerly IVDS)	5	10	3,500	3,622	72	70	3,500
Marine (Ship)	6,550	10	655,000	796,827	12	10	655,000
GMRS	7,900	5	192,500	289,755	7	5	197,500
Aviation (Aircraft)	2,900	10	290,000	362,194	12	10	290,000
Marine (Coast)	285	10	142,500	144,878	51	50	142,500
Aviation (Ground)	900	10	135,000	144,878	16	15	135,000
Amateur Vanity Call Signs	14,300	10	214,500	217,316	1.52	1.52	217,360
AM Class A ^{4a}	68	1	250,100	253,978	3,735	3,725	253,300
AM Class B ^{4b}	1,454	1	3,125,875	3,161,850	2,175	2,175	3,162,450
AM Class C ^{4c}	837	1	1,107,975	1,129,223	1,349	1,350	1,129,950
AM Class D ^{4d}	1,406	1	3,698,400	3,742,299	2,662	2,650	3,725,900
FM Classes A, B1 & C3 ^{4e}	2,935	1	7,764,750	7,836,522	2,670	2,675	7,851,125
FM Classes B, C, C0, C1 & C2 ^{4f}	3,110	1	9,513,000	9,611,273	3,090	3,100	9,641,000
AM Construction Permits	51	1	35,750	28,658	562	560	28,560
FM Construction Permits ¹	170	1	84,000	118,614	698	700	119,000
Satellite TV	129	1	178,125	181,097	1,404	1,400	180,600
Satellite TV Construction Permit	3	1	3,580	3,622	1,207	1,200	3,600
VHF Markets 1-10	22	1	1,761,650	1,804,524	82,024	82,025	1,804,550
VHF Markets 11-25	23	1	1,836,875	1,880,596	81,765	81,775	1,880,825
VHF Markets 26-50	39	1	1,512,400	1,549,293	39,725	39,725	1,549,275
VHF Markets 51-100	61	1	1,255,500	1,290,409	21,154	21,150	1,290,150

Fee Category	FY 2013 Payment Units	Years	FY 2012 Revenue Estimate	Pro-Rated FY 2013 Revenue Require- ment	Computed New FY 2013 Regulatory Fee	Rounded New FY 2013 Regula- tory Fee	Expected FY 2013 Revenue
VHF Remaining Markets	140	1	798,025	814,033	5,815	5,825	815,500
VHF Remaining Markets	140	1	798,025	814,033	5,815	5,825	815,500
VHF Construction Permits ¹	1	1	11,650	5,825	5,825	5,825	5,825
UHF Markets 1-10	109	1	3,853,150	3,880,922	35,605	35,600	3,880,400
UHF Markets 11-25	106	1	3,458,250	3,478,876	32,820	32,825	3,479,450
UHF Markets 26-50	135	1	2,959,875	2,977,132	22,053	22,050	2,976,750
UHF Markets 51- 100	225	1	2,868,750	2,884,066	12,818	12,825	2,885,625
UHF Remaining Markets	247	1	845,975	852,059	3,450	3,450	852,150
UHF Construction Permits ¹	7	1	23,975	24,150	3,450	3,450	24,150
Broadcast Auxiliaries	25,400	1	248,000	254,000	10	10	254,000
LPTV/Translators/ Boosters/Class A TV	3,725	1	1,436,820	1,448,776	389	390	1,452,750
CARS Stations	325	1	178,125	181,097	557	555	180,375
Cable TV Systems	60,000,000	1	59,090,000	59,943,108	.99905	1.00	60,000,000
Interstate Telecommunication Service Providers	\$39,000,000,000	1	148,875,000	146,250,000	0.003750	0.00375	146,250,000
CMRS Mobile Services (Cellular/Public Mobile)	321,000,000	1	53,210,000	52,821,422	0.1646	0.17	54,570,000
CMRS Messag. Services	3,000,000	1	272,000	240,000	0.0800	0.080	240,000
BRS ²	920	1	451,250	588,800	640	640	588,800
LMDS	170	1	225,625	108,800	640	640	108,800
Per 64 kbps Int'l Bearer Circuits Terrestrial (Common) & Satellite (Common & Non-Common)	4,220,000	1	1,157,602	1,167,825	.277	.28	1,181,600
Submarine Cable Providers (see chart in Appendix C) ³	38.313	1	8,150,984	8,249,219	215,314	215,325	8,249,639
Earth Stations	3,400	1	893,750	905,485	266	265	901,000

Fee Category	FY 2013 Payment Units	Years	FY 2012 Revenue Estimate	Pro-Rated FY 2013 Revenue Require- ment	Computed New FY 2013 Regulatory Fee	Rounded New FY 2013 Regula- tory Fee	Expected FY 2013 Revenue
Space Stations (Geostationary)	87	1	11,560,125	11,698,866	134,470	134,475	11,699,325
Space Stations (Non-Geostationary)	6	1	858,900	869,266	144,878	144,875	869,250
***** Total Estimated Revenue to be Collected			340,568,811	339,521,495			341,106,534
***** Total Revenue Requirement			339,844,000	339,844,000			339,844,000
Difference			724,811	-322,505			1,262,534

¹ The FM Construction Permit revenues and the VHF and UHF Construction Permit revenues were adjusted to set the regulatory fee to an amount no higher than the lowest licensed fee for that class of service. The reductions in the FM Construction Permit revenues are offset by increases in the revenue totals for FM radio stations. Similarly, reductions in the VHF and UHF Construction Permit revenues are offset by increases in the revenue totals for VHF and UHF television stations, respectively.

² MDS/MMDS category was renamed Broadband Radio Service (BRS). *See Amendment of Parts 1, 21, 73, 74 and 101 of the Commission's Rules to Facilitate the Provision of Fixed and Mobile Broadband Access, Educational and Other Advanced Services in the 2150-2162 and 2500-2690 MHz Bands*, Report & Order and Further Notice of Proposed Rulemaking, 19 FCC Rcd 14165, 14169, ¶ 6 (2004).

³ The chart at the end of Appendix B lists the submarine cable bearer circuit regulatory fees (common and non-common carrier basis) that resulted from the adoption of the following proceedings: *Assessment and Collection of Regulatory Fees for Fiscal Year 2008*, Second Report and Order (MD Docket No. 08-65, RM-11312), released March 24, 2009; and *Assessment and Collection of Regulatory Fees for Fiscal Year 2009 and Assessment and Collection of Regulatory Fees for Fiscal Year 2008*, Notice of Proposed Rulemaking and Order (MD Docket No. 09-65, MD Docket No. 08-65), released on May 14, 2009.

⁴ The fee amounts listed in the column entitled "Rounded New FY 2013 Regulatory Fee" constitute a weighted average media regulatory fee by class of service. The actual FY 2013 regulatory fees for AM/FM radio station are listed on a grid located at the end of Attachment B.

ATTACHMENT B1

Maintain the Same Percentage Allocations as in Prior Years

FY 2013 Schedule of Regulatory Fees

Regulatory fees for the categories shaded in gray are collected by the Commission in advance to cover the term of the license and are submitted at the time the application is filed.

Fee Category	Annual Regulatory Fee (U.S. \$'s)
PLMRS (per license) (Exclusive Use) (47 CFR part 90)	35
Microwave (per license) (47 CFR part 101)	20
218-219 MHz (Formerly Interactive Video Data Service) (per license) (47 CFR part 95)	70
Marine (Ship) (per station) (47 CFR part 80)	10
Marine (Coast) (per license) (47 CFR part 80)	50
General Mobile Radio Service (per license) (47 CFR part 95)	5
Rural Radio (47 CFR part 22) (previously listed under the Land Mobile category)	15
PLMRS (Shared Use) (per license) (47 CFR part 90)	15
Aviation (Aircraft) (per station) (47 CFR part 87)	10
Aviation (Ground) (per license) (47 CFR part 87)	15
Amateur Vanity Call Signs (per call sign) (47 CFR part 97)	1.52
CMRS Mobile/Cellular Services (per unit) (47 CFR parts 20, 22, 24, 27, 80 and 90)	.17
CMRS Messaging Services (per unit) (47 CFR parts 20, 22, 24 and 90)	.08
Broadband Radio Service (formerly MMDS/ MDS) (per license) (47 CFR part 27)	640
Local Multipoint Distribution Service (per call sign) (47 CFR, part 101)	640
AM Radio Construction Permits	560
FM Radio Construction Permits	700
TV (47 CFR part 73) VHF Commercial	
Markets 1-10	82,025
Markets 11-25	81,775
Markets 26-50	39,725
Markets 51-100	21,150
Remaining Markets	5,825

Fee Category	Annual Regulatory Fee (U.S. \$'s)
Construction Permits	5,825
TV (47 CFR part 73) UHF Commercial	
Markets 1-10	35,600
Markets 11-25	32,825
Markets 26-50	22,050
Markets 51-100	12,825
Remaining Markets	3,450
Construction Permits	3,450
Satellite Television Stations (All Markets)	1,400
Construction Permits – Satellite Television Stations	1,200
Low Power TV, Class A TV, TV/FM Translators & Boosters (47 CFR part 74)	390
Broadcast Auxiliaries (47 CFR part 74)	10
CARS (47 CFR part 78)	555
Cable Television Systems (per subscriber) (47 CFR part 76)	1.00
Interstate Telecommunication Service Providers (per revenue dollar)	.00375
Earth Stations (47 CFR part 25)	265
Space Stations (per operational station in geostationary orbit) (47 CFR part 25) also includes DBS Service (per operational station) (47 CFR part 100)	134,475
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25)	144,875
International Bearer Circuits - Terrestrial/Satellites (per 64KB circuit)	.28
International Bearer Circuits - Submarine Cable	See Table Below

FY 2013 SCHEDULE OF REGULATORY FEES: Maintain Allocation (continued)

FY 2013 RADIO STATION REGULATORY FEES						
Population Served	AM Class A	AM Class B	AM Class C	AM Class D	FM Classes A, B1 & C3	FM Classes B, C, C0, C1 & C2
<=25,000	\$750	\$625	\$575	\$650	\$700	\$875
25,001 – 75,000	\$1,500	\$1,250	\$875	\$975	\$1,400	\$1,525
75,001 – 150,000	\$2,250	\$1,575	\$1,150	\$1,625	\$1,925	\$2,850
150,001 – 500,000	\$3,375	\$2,650	\$1,725	\$1,950	\$2,975	\$3,725
500,001 – 1,200,000	\$4,875	\$4,075	\$2,875	\$3,250	\$4,725	\$5,475
1,200,001 – 3,000,00	\$7,500	\$6,250	\$4,325	\$5,200	\$7,700	\$8,750
>3,000,000	\$9,000	\$7,500	\$5,475	\$6,500	\$9,800	\$11,375

FY 2013 SCHEDULE OF REGULATORY FEES
International Bearer Circuits - Submarine Cable

Submarine Cable Systems (capacity as of December 31, 2012)	Fee amount	Address
< 2.5 Gbps	\$13,450	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
2.5 Gbps or greater, but less than 5 Gbps	\$26,925	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
5 Gbps or greater, but less than 10 Gbps	\$53,825	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
10 Gbps or greater, but less than 20 Gbps	\$107,675	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
20 Gbps or greater	\$215,325	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000

ATTACHMENT A2

**Revised FTE (as of 9/30/12) Allocations,⁵
Fee Rate Increases Capped at 7.5%, Prior to Rounding⁶**

Calculation of FY 2013 Revenue Requirements and Pro-Rata Fees

Regulatory fees for the categories shaded in gray are collected by the Commission in advance to cover the term of the license and are submitted at the time the application is filed.

Fee Category	FY 2013 Payment Units	Years	FY 2012 Revenue Estimate	Pro-Rated FY 2013 Revenue Require- ment	Uncapped FY 2013 Regulatory Fee	Rounded & Capped FY 2013 Regulatory Fee	Expected FY 2013 Revenue
PLMRS (Exclusive Use)	1,400	10	490,000	606,762	43	40	560,000
PLMRS (Shared use)	15,000	10	2,250,000	2,903,790	19	15	2,250,000
Microwave	13,200	10	2,640,000	2,860,449	22	20	2,640,000
218-219 MHz (Formerly IVDS)	5	10	3,500	4,334	87	75	3,750
Marine (Ship)	6,550	10	655,000	953,483	15	10	655,000
GMRS	7,700	5	192,500	346,721	4	5	395,000
Aviation (Aircraft)	2,900	10	290,000	433,401	15	10	290,000
Marine (Coast)	285	10	142,500	173,361	61	55	156,750
Aviation (Ground)	900	10	135,000	173,361	19	15	135,000
Amateur Vanity Call Signs	14,300	10	214,500	260,041	1.82	1.61	230,230
AM Class A ^{4a}	68	1	250,100	295,438	4,345	4,350	295,800
AM Class B ^{4b}	1,454	1	3,125,875	3,671,874	2,525	2,275	3,307,850
AM Class C ^{4c}	837	1	1,107,975	1,308,369	1,563	1,375	1,150,875
AM Class D ^{4d}	1,406	1	3,698,400	4,347,161	3,092	2,575	3,620,450
FM Classes A, B1 & C3 ^{4e}	2,935	1	7,764,750	8,989,760	3,063	2,750	8,071,250
FM Classes B, C, C0, C1 & C2 ^{4f}	3,110	1	9,513,000	11,057,826	3,556	3,375	10,496,250
AM Construction Permits	51	1	35,750	42,205	828	590	30,090
FM Construction Permits ¹	170	1	84,000	422,054	2,483	750	127,500
Satellite TV	129	1	178,125	211,027	1,636	1,525	196,725
Satellite TV Construction Permit	3	1	3,580	4,221	1,407	960	2,880
VHF Markets 1-10	22	1	1,761,650	2,364,840	107,493	86,075	1,893,650
VHF Markets 11-25	23	1	1,836,875	2,452,884	106,647	78,975	1,816,425
VHF Markets 26-50	39	1	1,512,400	2,031,796	52,097	42,775	1,668,225
VHF Markets 51-	61	1	1,255,500	1,757,986	28,819	22,500	1,372,500

Fee Category	FY 2013 Payment Units	Years	FY 2012 Revenue Estimate	Pro-Rated FY 2013 Revenue Require- ment	Uncapped FY 2013 Regulatory Fee	Rounded & Capped FY 2013 Regulatory Fee	Expected FY 2013 Revenue
100							
VHF Remaining Markets	140	1	798,025	1,023,545	7,311	6,250	875,000
VHF Construction Permits ¹	1	1	11,650	42,205	42,205	6,250	6,250
UHF Markets 1-10	109	1	3,853,150	4,177,004	38,321	38,000	4,142,000
UHF Markets 11-25	106	1	3,458,250	3,709,111	34,992	35,000	3,710,000
UHF Markets 26-50	135	1	2,959,875	3,159,479	23,404	23,400	3,159,000
UHF Markets 51- 100	225	1	2,868,750	3,053,435	13,571	13,575	3,054,375
UHF Remaining Markets	247	1	845,975	917,906	3,716	3,675	907,725
UHF Construction Permits ¹	7	1	23,975	295,438	42,205	3,675	25,725
Broadcast Auxiliaries	25,400	1	248,000	337,644	13	10	254,000
LPTV/Translators/ Boosters/Class A TV	3,725	1	1,436,820	1,688,218	453	415	1,545,875
CARS Stations	325	1	178,125	211,085	649	510	165,750
Cable TV Systems	60,000,000	1	59,090,000	69,868,996	1.164	1.02	61,200,000
Interstate Telecommunication Service Providers	\$39,000,000,000	1	148,875,000	119,251,260	0.0030577	0.00359	140,010,000
CMRS Mobile Services (Cellular/Public Mobile)	321,000,000	1	53,210,000	63,253,310	0.1899	0.18	57,780,000
CMRS Messag. Services	3,000,000	1	272,000	240,000	0.0800	0.080	240,000
BRS ²	920	1	451,250	693,442	754	510	469,200
LMDS	170	1	225,625	130,020	765	510	86,700
Per 64 kbps Int'l Bearer Circuits Terrestrial (Common) & Satellite (Common & Non-Common)	4,220,000	1	1,157,602	1,030,004	.244	.23	970,600
Submarine Cable Providers (see chart in Appendix C) ³	38.313	1	8,150,984	7,246,703	189,145	191,475	7,335,886
Earth Stations	3,400	1	893,750	795,837	234	250	850,000
Space Stations (Geostationary)	87	1	11,560,125	10,282,217	118,186	119,600	10,405,200

Fee Category	FY 2013 Payment Units	Years	FY 2012 Revenue Estimate	Pro-Rated FY 2013 Revenue Require- ment	Uncapped FY 2013 Regulatory Fee	Rounded & Capped FY 2013 Regulatory Fee	Expected FY 2013 Revenue
Space Stations (Non-Geostationary)	6	1	858,900	764,004	127,334	128,825	772,950
***** Total Estimated Revenue to be Collected			340,568,811	339,844,006			339,332,436
***** Total Revenue Requirement			339,844,000	339,844,000			339,844,000
Difference			724,811	6			(511,564)

¹ The FM Construction Permit revenues and the VHF and UHF Construction Permit revenues were adjusted to set the regulatory fee to an amount no higher than the lowest licensed fee for that class of service. The reductions in the FM Construction Permit revenues are offset by increases in the revenue totals for FM radio stations. Similarly, reductions in the VHF and UHF Construction Permit revenues are offset by increases in the revenue totals for VHF and UHF television stations, respectively.

² MDS/MMDS category was renamed Broadband Radio Service (BRS). *See Amendment of Parts 1, 21, 73, 74 and 101 of the Commission's Rules to Facilitate the Provision of Fixed and Mobile Broadband Access, Educational and Other Advanced Services in the 2150-2162 and 2500-2690 MHz Bands*, Report & Order and Further Notice of Proposed Rulemaking, 19 FCC Rcd 14165, 14169, ¶ 6 (2004).

³ The chart at the end of Appendix B lists the submarine cable bearer circuit regulatory fees (common and non-common carrier basis) that resulted from the adoption of the following proceedings: *Assessment and Collection of Regulatory Fees for Fiscal Year 2008*, Second Report and Order (MD Docket No. 08-65, RM-11312), released March 24, 2009; and *Assessment and Collection of Regulatory Fees for Fiscal Year 2009 and Assessment and Collection of Regulatory Fees for Fiscal Year 2008*, Notice of Proposed Rulemaking and Order (MD Docket No. 09-65, MD Docket No. 08-65), released on May 14, 2009.

⁴ The fee amounts listed in the column entitled "Rounded New FY 2012 Regulatory Fee" constitute a weighted average media regulatory fee by class of service. The actual FY 2013 regulatory fees for AM/FM radio station are listed on a grid located at the end of Attachment B.

⁵ The allocation percentages represent FTE data as of September 30, 2012, and include the proposal to use 27 Direct FTEs (rather than 119 FTEs) for the International Bureau.

⁶ The ITSP and international services fee categories received a fee rate reduction.

ATTACHMENT B2

**Revised FTE (as of 9/30/12) Allocations,⁵
Fee Rate Increases Capped at 7.5%, Prior to Rounding⁶**

FY 2013 Schedule of Regulatory Fees

Regulatory fees for the categories shaded in gray are collected by the Commission in advance to cover the term of the license and are submitted at the time the application is filed.

Fee Category	Annual Regulatory Fee (U.S. \$'s)
PLMRS (per license) (Exclusive Use) (47 CFR part 90)	40
Microwave (per license) (47 CFR part 101)	20
218-219 MHz (Formerly Interactive Video Data Service) (per license) (47 CFR part 95)	75
Marine (Ship) (per station) (47 CFR part 80)	10
Marine (Coast) (per license) (47 CFR part 80)	55
General Mobile Radio Service (per license) (47 CFR part 95)	5
Rural Radio (47 CFR part 22) (previously listed under the Land Mobile category)	15
PLMRS (Shared Use) (per license) (47 CFR part 90)	15
Aviation (Aircraft) (per station) (47 CFR part 87)	10
Aviation (Ground) (per license) (47 CFR part 87)	15
Amateur Vanity Call Signs (per call sign) (47 CFR part 97)	1.61
CMRS Mobile/Cellular Services (per unit) (47 CFR parts 20, 22, 24, 27, 80 and 90)	.18
CMRS Messaging Services (per unit) (47 CFR parts 20, 22, 24 and 90)	.08
Broadband Radio Service (formerly MMDS/ MDS) (per license) (47 CFR part 27)	510
Local Multipoint Distribution Service (per call sign) (47 CFR, part 101)	510
AM Radio Construction Permits	590
FM Radio Construction Permits	750
TV (47 CFR part 73) VHF Commercial	
Markets 1-10	86,075
Markets 11-25	78,975
Markets 26-50	42,775
Markets 51-100	22,500
Remaining Markets	6,250

Fee Category	Annual Regulatory Fee (U.S. \$'s)
Construction Permits	6,250
TV (47 CFR part 73) UHF Commercial	
Markets 1-10	38,000
Markets 11-25	35,000
Markets 26-50	23,400
Markets 51-100	13,575
Remaining Markets	3,675
Construction Permits	3,675
Satellite Television Stations (All Markets)	1,525
Construction Permits – Satellite Television Stations	960
Low Power TV, Class A TV, TV/FM Translators & Boosters (47 CFR part 74)	415
Broadcast Auxiliaries (47 CFR part 74)	10
CARS (47 CFR part 78)	510
Cable Television Systems (per subscriber) (47 CFR part 76)	1.02
Interstate Telecommunication Service Providers (per revenue dollar)	.00359
Earth Stations (47 CFR part 25)	250
Space Stations (per operational station in geostationary orbit) (47 CFR part 25) also includes DBS Service (per operational station) (47 CFR part 100)	119,600
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25)	128,825
International Bearer Circuits - Terrestrial/Satellites (per 64KB circuit)	.23
International Bearer Circuits - Submarine Cable	See Table Below

**FY 2013 SCHEDULE OF REGULATORY FEES: Fee Rate Increases Capped at 7.5%,
Prior to Rounding⁶ (continued)**

FY 2013 RADIO STATION REGULATORY FEES						
Population Served	AM Class A	AM Class B	AM Class C	AM Class D	FM Classes A, B1 & C3	FM Classes B, C, C0, C1 & C2
<=25,000	\$775	\$650	\$600	\$675	\$750	\$950
25,001 – 75,000	\$1,575	\$1,325	\$925	\$1,025	\$1,525	\$1,675
75,001 – 150,000	\$2,375	\$1,650	\$1,200	\$1,725	\$2,100	\$3,100
150,001 – 500,000	\$3,550	\$2,800	\$1,800	\$2,050	\$3,250	\$4,025
500,001 – 1,200,000	\$5,125	\$4,275	\$3,000	\$3,425	\$5,150	\$5,950
1,200,001 – 3,000,00	\$7,900	\$6,550	\$4,525	\$5,450	\$8,375	\$9,525
>3,000,000	\$9,475	\$7,875	\$5,725	\$6,825	\$10,700	\$12,375

**FY 2013 SCHEDULE OF REGULATORY FEES: Fee Rate Increases
Capped at 7.5%, Prior to Rounding⁶
International Bearer Circuits - Submarine Cable**

Submarine Cable Systems (capacity as of December 31, 2012)	Fee amount	Address
< 2.5 Gbps	\$11,975	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
2.5 Gbps or greater, but less than 5 Gbps	\$23,925	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
5 Gbps or greater, but less than 10 Gbps	\$47,875	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
10 Gbps or greater, but less than 20 Gbps	\$95,750	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
20 Gbps or greater	\$191,475	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000

ATTACHMENT C

Sources of Payment Unit Estimates for FY 2013

In order to calculate individual service fees for FY 2013, we adjusted FY 2012 payment units for each service to more accurately reflect expected FY 2013 payment liabilities. We obtained our updated estimates through a variety of means. For example, we used Commission licensee data bases, actual prior year payment records and industry and trade association projections when available. The databases we consulted include our Universal Licensing System ("ULS"), International Bureau Filing System ("IBFS"), Consolidated Database System ("CDBS") and Cable Operations and Licensing System ("COALS"), as well as reports generated within the Commission such as the Wireline Competition Bureau's *Trends in Telephone Service* and the Wireless Telecommunications Bureau's *Numbering Resource Utilization Forecast*.

We sought verification for these estimates from multiple sources and, in all cases; we compared FY 2013 estimates with actual FY 2012 payment units to ensure that our revised estimates were reasonable. Where appropriate, we adjusted and/or rounded our final estimates to take into consideration the fact that certain variables that impact on the number of payment units cannot yet be estimated with sufficient accuracy. These include an unknown number of waivers and/or exemptions that may occur in FY 2013 and the fact that, in many services, the number of actual licensees or station operators fluctuates from time to time due to economic, technical, or other reasons. When we note, for example, that our estimated FY 2013 payment units are based on FY 2012 actual payment units, it does not necessarily mean that our FY 2013 projection is exactly the same number as in FY 2012. We have either rounded the FY 2013 number or adjusted it slightly to account for these variables.

FEE CATEGORY	SOURCES OF PAYMENT UNIT ESTIMATES
Land Mobile (All), Microwave, 218-219 MHz, Marine (Ship & Coast), Aviation (Aircraft & Ground), GMRS, Amateur Vanity Call Signs, Domestic Public Fixed	Based on Wireless Telecommunications Bureau ("WTB") projections of new applications and renewals taking into consideration existing Commission licensee data bases. Aviation (Aircraft) and Marine (Ship) estimates have been adjusted to take into consideration the licensing of portions of these services on a voluntary basis.
CMRS Cellular/Mobile Services	Based on WTB projection reports, and FY 12 payment data.
CMRS Messaging Services	Based on WTB reports, and FY 12 payment data.
AM/FM Radio Stations	Based on CDBS data, adjusted for exemptions, and actual FY 2012 payment units.
UHF/VHF Television Stations	Based on CDBS data, adjusted for exemptions, and actual FY 2012 payment units.
AM/FM/TV Construction Permits	Based on CDBS data, adjusted for exemptions, and actual FY 2012 payment units.
LPTV, Translators and Boosters, Class A Television	Based on CDBS data, adjusted for exemptions, and actual FY 2012 payment units.
Broadcast Auxiliaries	Based on actual FY 2012 payment units.
BRS (formerly MDS/MMDS)	Based on WTB reports and actual FY 2012 payment units.
LMDS	Based on WTB reports and actual FY 2012 payment units.

Cable Television Relay Service ("CARS") Stations	Based on data from Media Bureau's COALS database and actual FY 2012 payment units.
Cable Television System Subscribers	Based on publicly available data sources for estimated subscriber counts and actual FY 2011 payment units.
Interstate Telecommunication Service Providers	Based on FCC Form 499-Q data for the four quarters of calendar year 2012, the Wireline Competition Bureau projected the amount of calendar year 2012 revenue that will be reported on 2013 FCC Form 499-A worksheets in April, 2013.
Earth Stations	Based on International Bureau ("IB") licensing data and actual FY 2012 payment units.
Space Stations (GSOs & NGSOs)	Based on IB data reports and actual FY 2012 payment units.
International Bearer Circuits	Based on IB reports and submissions by licensees.
Submarine Cable Licenses	Based on IB license information.

ATTACHMENT D**Factors, Measurements, and Calculations That Determines Station
Signal Contours and Associated Population Coverages****AM Stations**

For stations with nondirectional daytime antennas, the theoretical radiation was used at all azimuths. For stations with directional daytime antennas, specific information on each day tower, including field ratio, phase, spacing, and orientation was retrieved, as well as the theoretical pattern root-mean-square of the radiation in all directions in the horizontal plane ("RMS") figure (milliVolt per meter (mV/m) @ 1 km) for the antenna system. The standard, or augmented standard if pertinent, horizontal plane radiation pattern was calculated using techniques and methods specified in §§73.150 and 73.152 of the Commission's rules.¹ Radiation values were calculated for each of 360 radials around the transmitter site. Next, estimated soil conductivity data was retrieved from a database representing the information in FCC Figure R3.² Using the calculated horizontal radiation values, and the retrieved soil conductivity data, the distance to the principal community (5 mV/m) contour was predicted for each of the 360 radials. The resulting distance to principal community contours were used to form a geographical polygon. Population counting was accomplished by determining which 2010 block centroids were contained in the polygon. (A block centroid is the center point of a small area containing population as computed by the U.S. Census Bureau.) The sum of the population figures for all enclosed blocks represents the total population for the predicted principal community coverage area.

FM Stations

The greater of the horizontal or vertical effective radiated power ("ERP") (kW) and respective height above average terrain ("HAAT") (m) combination was used. Where the antenna height above mean sea level ("HAMSLL") was available, it was used in lieu of the average HAAT figure to calculate specific HAAT figures for each of 360 radials under study. Any available directional pattern information was applied as well, to produce a radial-specific ERP figure. The HAAT and ERP figures were used in conjunction with the Field Strength (50-50) propagation curves specified in 47 C.F.R. §73.313 of the Commission's rules to predict the distance to the principal community (70 dBu (decibel above 1 microVolt per meter) or 3.17 mV/m) contour for each of the 360 radials.³ The resulting distance to principal community contours were used to form a geographical polygon. Population counting was accomplished by determining which 2010 block centroids were contained in the polygon. The sum of the population figures for all enclosed blocks represents the total population for the predicted principal community coverage area.

ATTACHMENT E

Initial Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act (RFA),¹ the Commission prepared this Initial Regulatory Flexibility Analysis (IRFA) of the possible significant economic impact on small entities by the policies and rules proposed in this Notice of Proposed Rulemaking (*FY 2013 NPRM*) and Further Notice of Proposed Rulemaking (*FNPRM*) (collectively, "Notice"). Written comments are requested on this IRFA. Comments must be identified as responses to the IRFA and must be filed by the deadline for comments on this Notice. The Commission will send a copy of the Notice, including the IRFA, to the Chief Counsel for Advocacy of the Small Business Administration (SBA).² In addition, the Notice and IRFA (or summaries thereof) will be published in the Federal Register.³

A. Need for, and Objectives of, the Notice

2. In the *FY 2013 NPRM* we seek comment on our annual process of assessing regulatory fees to cover the Commission's costs to offset the Commission's Fiscal Year (FY) 2013 appropriation, as directed by Congress. The regulatory fees calculated in response to the *FY 2013 NPRM* will be collected later this year. We also seek comment in the *FY 2013 NPRM* on reforming and revising our regulatory fee schedule for FY 2013 and beyond to take into account changes in the communications industry and changes in the Commission's regulatory processes and staffing in recent years.

3. The *FY 2013 NPRM* seeks comment concerning adoption and implementation of proposals to reallocate regulatory fees to more accurately reflect the subject areas worked on by current Commission FTEs for FY 2013. As such, we seek comment on, among other things, reallocating: (1) direct FTEs currently allocated to the Interstate Telecommunications Service Providers (ITSPs) fee category and other fee categories to reflect current workloads devoted to these subject areas; and (2) FTEs in the International Bureau to more accurately reflect the Commission's regulation and oversight of the International Bureau regulatees. If these proposals are adopted, we also seek comment on limiting any increase in assessments to 10 percent or some other amount to avoid fee shock to industry segments paying higher regulatory fees as a result of reallocation. We ask whether direct FTEs in other Bureaus should be reclassified as indirect and reallocated or, conversely, whether FTEs currently allocated as indirect should be reallocated differently or reclassified as direct and reallocated accordingly. Finally, we seek comment on whether to delay our proposal to reallocate FTEs and, in the interim, maintain the same allocation percentages from last year for FY 2013, including the current .00375 rate for ITSP regulatees.

4. The *FNPRM* seeks comment concerning adoption and implementation of proposals for FY 2014 and beyond, which include: (1) combining Interstate Telecommunications Service Providers (ITSPs) with wireless telecommunications services, using revenues as the basis for calculating regulatory fees; (2) using revenues to calculate regulatory fees for industries that now use subscribers, such as the wireless and cable industries; (3) eliminating the regulatory fee component pertaining to General Mobile Radio Service; (4) clarifying that licensees of Digital Low Power, Class A, and TV Translators/Boosters should pay only one regulatory fee on their analog or digital station, but not both; (5) consolidating the UHF and VHF Television stations into one fee category; (6) proposing a fee for Internet Protocol TV (IPTV) at the rate of cable fees; (7) alleviating large fluctuations in the fee rate of Multiyear Wireless

¹ 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601-612 has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 847 (1996).

² 5 U.S.C. § 603(a).

³ *Id.*

Services; and (8) providing fee relief for declining industries (e.g., CMRS Messaging). Finally, the *FNPRM* seeks comment on the treatment of non-U.S.-Licensed Space Stations; Direct Broadcast Satellites; and other services, such as broadband in our regulatory fee process. We invite comment on these topics to better inform the Commission concerning whether and/or how these services should be assessed under our regulatory fee methodology in future years. The *Notice* also makes two administrative changes to the regulatory fee collection process and propose a third. Specifically, as required by Treasury and OMB initiatives, we announce that effective in FY 2013 all regulatory fee payments must be made electronically. We also state that beginning in FY 2014 the Commission will no longer mail out initial regulatory fee assessments to CMRS licensees. Finally, we propose to refer to the Department of the Treasury end-to-end billing and collection beginning in FY 2014.

II. Legal Basis:

5. This action, including publication of proposed rules, is authorized under Sections (4)(i) and (j), 9, and 303(r) of the Communications Act of 1934, as amended.⁴

III. Description and Estimate of the Number of Small Entities to Which the Rules Will Apply:

6. The RFA directs agencies to provide a description of, and where feasible, an estimate of the number of small entities that may be affected by the proposed rules and policies, if adopted.⁵ The RFA generally defines the term “small entity” as having the same meaning as the terms “small business,” “small organization,” and “small governmental jurisdiction.”⁶ In addition, the term “small business” has the same meaning as the term “small business concern” under the Small Business Act.⁷ A “small business concern” is one which: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.⁸

7. **Small Businesses.** Nationwide, there are a total of approximately 27.9 million small businesses, according to the SBA.⁹

8. **Wired Telecommunications Carriers.** The SBA has developed a small business size standard for Wired Telecommunications Carriers, which consists of all such companies having 1,500 or fewer employees. Census data for 2007 shows that there were 31,996 establishments that operated that year. Of those 31,996, 1,818 operated with more than 100 employees, and 30,178 operated with fewer than 100 employees.¹⁰ Thus, under this size standard, the majority of firms can be considered small.

⁴ 47 U.S.C. §§ 154(i) and (j), 159, and 303(r).

⁵ 5 U.S.C. § 603(b)(3).

⁶ 5 U.S.C. § 601(6).

⁷ 5 U.S.C. § 601(3) (incorporating by reference the definition of “small-business concern” in the Small Business Act, 15 U.S.C. § 632). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies “unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register.”

⁸ 15 U.S.C. § 632.

⁹ See SBA, Office of Advocacy, “Frequently Asked Questions,” http://www.sba.gov/sites/default/files/FAQ_Sept_2012.pdf.

¹⁰ See *id.*

9. **Local Exchange Carriers (LECs).** Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to local exchange services. The closest applicable size standard under SBA rules is for Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees.¹¹ According to Commission data, census data for 2007 shows that there were 31,996 establishments that operated that year. Of those 31,996, 1,818 operated with more than 100 employees, and 30,178 operated with fewer than 100 employees.¹² The Commission estimates that most providers of local exchange service are small entities that may be affected by the rules and policies proposed in the Further Notice.

10. **Incumbent LECs.** Neither the Commission nor the SBA has developed a small business size standard specifically for incumbent local exchange services. The closest applicable size standard under SBA rules is for the category Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees.¹³ According to Commission data, 1,307 carriers reported that they were incumbent local exchange service providers.¹⁴ Of these 1,307 carriers, an estimated 1,006 have 1,500 or fewer employees and 301 have more than 1,500 employees.¹⁵ Consequently, the Commission estimates that most providers of incumbent local exchange service are small businesses that may be affected by the rules and policies proposed in the Further Notice.

11. **Competitive Local Exchange Carriers (Competitive LECs), Competitive Access Providers (CAPs), Shared-Tenant Service Providers, and Other Local Service Providers.** Neither the Commission nor the SBA has developed a small business size standard specifically for these service providers. The appropriate size standard under SBA rules is for the category Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees.¹⁶ According to Commission data, 1,442 carriers reported that they were engaged in the provision of either competitive local exchange services or competitive access provider services.¹⁷ Of these 1,442 carriers, an estimated 1,256 have 1,500 or fewer employees and 186 have more than 1,500 employees.¹⁸ In addition, 17 carriers have reported that they are Shared-Tenant Service Providers, and all 17 are estimated to have 1,500 or fewer employees.¹⁹ In addition, 72 carriers have reported that they are Other Local Service Providers.²⁰ Of the 72, seventy have 1,500 or fewer employees and two have more than 1,500 employees.²¹ Consequently, the Commission estimates that most providers of competitive local exchange service, competitive access providers, Shared-Tenant Service Providers, and Other Local Service Providers are small entities that may be affected by rules adopted pursuant to the proposals in this Further Notice.

¹¹ 13 C.F.R. § 121.201, NAICS code 517110.

¹² *See id.*

¹³ 13 C.F.R. § 121.201, NAICS code 517110.

¹⁴ *See Trends in Telephone Service*, Federal Communications Commission, Wireline Competition Bureau, Industry Analysis and Technology Division at Table 5.3 (Sept. 2010) (*Trends in Telephone Service*).

¹⁵ *Id.*

¹⁶ 13 C.F.R. § 121.201, NAICS code 517110.

¹⁷ *See Trends in Telephone Service*, at tbl. 5.3.

¹⁸ *Id.*

¹⁹ *Id.*

²⁰ *Id.*

²¹ *Id.*

12. **Interexchange Carriers (IXCs).** Neither the Commission nor the SBA has developed a small business size standard specifically applicable to interexchange services. The applicable size standard under SBA rules is for the Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees.²² According to Commission data, 359 companies reported that their primary telecommunications service activity was the provision of interexchange services.²³ Of these 359 companies, an estimated 317 have 1,500 or fewer employees and 42 have more than 1,500 employees.²⁴ Consequently, the Commission estimates that the majority of interexchange service providers are small entities that may be affected by rules adopted pursuant to the Further Notice.

13. **Prepaid Calling Card Providers.** Neither the Commission nor the SBA has developed a small business size standard specifically for prepaid calling card providers. The appropriate size standard under SBA rules is for the category Telecommunications Resellers. Under that size standard, such a business is small if it has 1,500 or fewer employees.²⁵ Census data for 2007 show that 1,523 firms provided resale services during that year. Of that number, 1,522 operated with fewer than 1000 employees and one operated with more than 1,000.²⁶ Thus under this category and the associated small business size standard, the majority of these prepaid calling card providers can be considered small entities. According to Commission data, 193 carriers have reported that they are engaged in the provision of prepaid calling cards.²⁷ Of these, all 193 have 1,500 or fewer employees and none have more than 1,500 employees.²⁸ Consequently, the Commission estimates that the majority of prepaid calling card providers are small entities that may be affected by rules adopted pursuant to the Further Notice.

14. **Local Resellers.** The SBA has developed a small business size standard for the category of Telecommunications Resellers. Under that size standard, such a business is small if it has 1,500 or fewer employees.²⁹ Census data for 2007 show that 1,523 firms provided resale services during that year. Of that number, 1,522 operated with fewer than 1000 employees and one operated with more than 1,000.³⁰ Under this category and the associated small business size standard, the majority of these local resellers can be considered small entities. According to Commission data, 213 carriers have reported that they are engaged in the provision of local resale services.³¹ Of these, an estimated 211 have 1,500 or fewer employees and two have more than 1,500 employees.³² Consequently, the Commission estimates that the majority of local resellers are small entities that may be affected by rules adopted pursuant to the proposals in this Further Notice.

²² 13 C.F.R. § 121.201, NAICS code 517110.

²³ See *Trends in Telephone Service*, at tbl. 5.3.

²⁴ *Id.*

²⁵ 13 C.F.R. § 121.201, NAICS code 517911.

²⁶ *Id.*

²⁷ See *Trends in Telephone Service*, at tbl. 5.3.

²⁸ *Id.*

²⁹ 13 C.F.R. § 121.201, NAICS code 517911.

³⁰ *Id.*

³¹ See *Trends in Telephone Service*, at tbl. 5.3.

³² *Id.*

15. **Toll Resellers.** The SBA has developed a small business size standard for the category of Telecommunications Resellers. Under that size standard, such a business is small if it has 1,500 or fewer employees.³³ Census data for 2007 show that 1,523 firms provided resale services during that year. Of that number, 1,522 operated with fewer than 1,000 employees and one operated with more than 1,000.³⁴ Thus, under this category and the associated small business size standard, the majority of these resellers can be considered small entities. According to Commission data, 881 carriers have reported that they are engaged in the provision of toll resale services.³⁵ Of these, an estimated 857 have 1,500 or fewer employees and 24 have more than 1,500 employees.³⁶ Consequently, the Commission estimates that the majority of toll resellers are small entities that may be affected by our proposals in the Further Notice.

16. **Other Toll Carriers.** Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to Other Toll Carriers. This category includes toll carriers that do not fall within the categories of interexchange carriers, operator service providers, prepaid calling card providers, satellite service carriers, or toll resellers. The closest applicable size standard under SBA rules is for Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees.³⁷ Census data for 2007 shows that there were 31,996 establishments that operated that year. Of those 31,996, 1,818 operated with more than 100 employees, and 30,178 operated with fewer than 100 employees.³⁸ Thus, under this category and the associated small business size standard, the majority of Other Toll Carriers can be considered small. According to Commission data, 284 companies reported that their primary telecommunications service activity was the provision of other toll carriage.³⁹ Of these, an estimated 279 have 1,500 or fewer employees and five have more than 1,500 employees.⁴⁰ Consequently, the Commission estimates that most Other Toll Carriers are small entities that may be affected by the rules and policies adopted pursuant to the Further Notice.

17. **Wireless Telecommunications Carriers (except Satellite).** Since 2007, the SBA has recognized wireless firms within this new, broad, economic census category.⁴¹ Prior to that time, such firms were within the now-superseded categories of Paging and Cellular and Other Wireless Telecommunications.⁴² Under the present and prior categories, the SBA has deemed a wireless business to be small if it has 1,500 or fewer employees.⁴³ For this category, census data for 2007 show that there were

³³ 13 C.F.R. § 121.201, NAICS code 517911.

³⁴ *Id.*

³⁵ *Trends in Telephone Service*, at tbl. 5.3.

³⁶ *Id.*

³⁷ 13 C.F.R. § 121.201, NAICS code 517110.

³⁸ *Id.*

³⁹ *Trends in Telephone Service*, at tbl. 5.3.

⁴⁰ *Id.*

⁴¹ 13 C.F.R. § 121.201, NAICS code 517210.

⁴² U.S. Census Bureau, 2002 NAICS Definitions, "517211 Paging," available at <http://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517211&search=2002%20NAICS%20Search>; U.S. Census Bureau, 2002 NAICS Definitions, "517212 Cellular and Other Wireless Telecommunications," available at <http://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517212&search=2002%20NAICS%20Search>.

⁴³ 13 C.F.R. § 121.201, NAICS code 517210. The now-superseded, pre-2007 C.F.R. citations were 13 C.F.R. § 121.201, NAICS codes 517211 and 517212 (referring to the 2002 NAICS).

11,163 establishments that operated for the entire year.⁴⁴ Of this total, 10,791 establishments had employment of 999 or fewer employees and 372 had employment of 1000 employees or more.⁴⁵ Thus, under this category and the associated small business size standard, the Commission estimates that the majority of wireless telecommunications carriers (except satellite) are small entities that may be affected by our proposed action.

18. Similarly, according to Commission data, 413 carriers reported that they were engaged in the provision of wireless telephony, including cellular service, Personal Communications Service (PCS), and Specialized Mobile Radio (SMR) Telephony services.⁴⁶ Of these, an estimated 261 have 1,500 or fewer employees and 152 have more than 1,500 employees.⁴⁷ Consequently, the Commission estimates that approximately half or more of these firms can be considered small. Thus, using available data, we estimate that the majority of wireless firms can be considered small.

19. **Cable Television and other Program Distribution.** Since 2007, these services have been defined within the broad economic census category of Wired Telecommunications Carriers; that category is defined as follows: "This industry comprises establishments primarily engaged in operating and/or providing access to transmission facilities and infrastructure that they own and/or lease for the transmission of voice, data, text, sound, and video using wired telecommunications networks. Transmission facilities may be based on a single technology or a combination of technologies."⁴⁸ The SBA has developed a small business size standard for this category, which is: all such firms having 1,500 or fewer employees.⁴⁹ Census data for 2007 shows that there were 31,996 establishments that operated that year. Of those 31,996, 1,818 had more than 100 employees, and 30,178 operated with fewer than 100 employees. Thus under this size standard, the majority of firms offering cable and other program distribution services can be considered small and may be affected by rules adopted pursuant to the Further Notice.

20. **Cable Companies and Systems.** The Commission has developed its own small business size standards, for the purpose of cable rate regulation. Under the Commission's rules, a "small cable company" is one serving 400,000 or fewer subscribers, nationwide.⁵⁰ Industry data indicate that, of 1,076 cable operators nationwide, all but eleven are small under this size standard.⁵¹ In addition, under the

⁴⁴ U.S. Census Bureau, Subject Series: Information, Table 5, "Establishment and Firm Size: Employment Size of Firms for the United States: 2007 NAICS Code 517210" (issued Nov. 2010).

⁴⁵ *Id.* Available census data do not provide a more precise estimate of the number of firms that have employment of 1,500 or fewer employees; the largest category provided is for firms with "100 employees or more."

⁴⁶ *Trends in Telephone Service*, at tbl. 5.3.

⁴⁷ *Id.*

⁴⁸ U.S. Census Bureau, 2007 NAICS Definitions, "517110 Wired Telecommunications Carriers" (partial definition), available at <http://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517110&search=2007%20NAICS%20Search>.

⁴⁹ 13 C.F.R. § 121.201, NAICS code 517110.

⁵⁰ See 47 C.F.R. § 76.901(e). The Commission determined that this size standard equates approximately to a size standard of \$100 million or less in annual revenues. See *Implementation of Sections of the 1992 Cable Television Consumer Protection and Competition Act: Rate Regulation*, MM Docket Nos. 92-266, 93-215, Sixth Report and Order and Eleventh Order on Reconsideration, 10 FCC Red 7393, 7408, para. 28 (1995).

⁵¹ These data are derived from R.R. BOWKER, BROADCASTING & CABLE YEARBOOK 2006, "Top 25 Cable/Satellite Operators," pages A-8 & C-2 (data current as of June 30, 2005); WARREN COMMUNICATIONS NEWS, TELEVISION & CABLE FACTBOOK 2006, "Ownership of Cable Systems in the United States," pages D-1805 to D-1857.

Commission's rules, a "small system" is a cable system serving 15,000 or fewer subscribers.⁵² Industry data indicate that, of 6,635 systems nationwide, 5,802 systems have under 10,000 subscribers, and an additional 302 systems have 10,000-19,999 subscribers.⁵³ Thus, under this second size standard, most cable systems are small and may be affected by rules adopted pursuant to the Further Notice.

21. **All Other Telecommunications.** The Census Bureau defines this industry as including "establishments primarily engaged in providing specialized telecommunications services, such as satellite tracking, communications telemetry, and radar station operation. This industry also includes establishments primarily engaged in providing satellite terminal stations and associated facilities connected with one or more terrestrial systems and capable of transmitting telecommunications to, and receiving telecommunications from, satellite systems. Establishments providing Internet services or Voice over Internet Protocol (VoIP) services via client-supplied telecommunications connections are also included in this industry."⁵⁴ The SBA has developed a small business size standard for this category; that size standard is \$30.0 million or less in average annual receipts.⁵⁵ According to Census Bureau data for 2007, there were 2,623 firms in this category that operated for the entire year.⁵⁶ Of these, 2478 establishments had annual receipts of under \$10 million and 145 establishments had annual receipts of \$10 million or more.⁵⁷ Consequently, we estimate that the majority of these firms are small entities that may be affected by our action. In addition, some small businesses whose primary line of business does not involve provision of communications services hold FCC licenses or other authorizations for purposes incidental to their primary business. We estimate that there are ___ entities that hold private wireless licenses, but we do not have a reliable estimate of how many of these entities are small businesses.

IV. Description of Projected Reporting, Recordkeeping and Other Compliance Requirements

22. This *Notice* seeks comment on changes to the Commission's current regulatory fee methodology and schedule which may result in additional information collection, reporting, and recordkeeping requirements. Specifically, the *Notice* seeks comment on using revenues instead of subscribers in our regulatory fee procedures. If adopted, this would require entities that do not currently file a Form 499-A to provide the Commission with revenue information. The *Notice* also seeks comment on adding categories to our regulatory fee schedule by changing the treatment of non-U.S.-Licensed Space Stations; Direct Broadcast Satellites; IPTV; and other services, such as broadband in our regulatory fee process. If adopted, those entities that currently do not pay regulatory fees—non-U.S.-Licensed Space Stations, IPTV, and other service providers—would be required to pay regulatory fees to the Commission and DBS providers would pay regulatory fees in a different category.

⁵² See 47 C.F.R. § 76.901(c).

⁵³ WARREN COMMUNICATIONS NEWS, TELEVISION & CABLE FACTBOOK 2006, "U.S. Cable Systems by Subscriber Size," page F-2 (data current as of Oct. 2007). The data do not include 851 systems for which classifying data were not available.

⁵⁴ U.S. Census Bureau, "2007 NAICS Definitions: 517919 All Other Telecommunications," available at <http://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517919&search=2007%20NAICS%20Search>.

⁵⁵ 13 C.F.R. § 121.201, NAICS code 517919.

⁵⁶ U.S. Census Bureau, 2007 Economic Census, Subject Series: Information, Table 4, "Establishment and Firm Size: Receipts Size of Firms for the United States: 2007 NAICS Code 517919" (issued Nov. 2010).

⁵⁷ *Id.*

V. Steps Taken to Minimize Significant Economic Impact on Small Entities, and Significant Alternatives Considered

23. The RFA requires an agency to describe any significant alternatives that it has considered in reaching its approach, which may include the following four alternatives, among others: (1) the establishment of differing compliance or reporting requirements or timetables that take into account the resources available to small entities; (2) the clarification, consolidation, or simplification of compliance or reporting requirements under the rule for small entities; (3) the use of performance, rather than design, standards; and (4) an exemption from coverage of the rule, or any part thereof, for small entities.⁵⁸

24. With respect to reporting requirements, the Commission is aware that some of the proposals under consideration will impact small entities by imposing costs and administrative burdens if these entities will be required to calculate regulatory fees under a different methodology. For example, if the Commission were to adopt a revenue-based approach for calculating regulatory fees, certain entities that currently do not report revenues to the Commission—or that only report some revenues and not others—would have to report such information.

25. This *Notice* seeks to reform the regulatory fee methodology. We do not propose increasing or imposing a regulatory fee burden on small entities, unless it would be specifically in furtherance of the reform measures proposed. If our proposals in this Notice result in fee increases to small entities, above the annual fee increases that generally occur each year, we intend to mitigate any inequities that might result from such increases, by, for example, limiting the annual increase in regulatory fees. In keeping with the requirements of the Regulatory Flexibility Act, we have considered certain alternative means of mitigating the effects of fee increases to a particular industry segment. One option is to avoid significant fee increases, which is also proposed in the *Notice*. Another option is to provide interim adjustments, by phasing in the new fees over a period of time. The Commission seeks comment on the abovementioned, and any other, means and methods that would minimize any significant economic impact of our proposed rules on small entities. In addition, the Commission's rules provide a process by which regulatory fee payors may seek waivers or other relief on the basis of financial hardship. 47 C.F.R. §1.1166

VI. Federal Rules that May Duplicate, Overlap, or Conflict with the Proposed Rules

26. None.

⁵⁸ 5 U.S.C. § 603(c)(1)–(c)(4).

ATTACHMENT F

FY 2012 Schedule of Regulatory Fees

Regulatory fees for the categories shaded in gray are collected by the Commission in advance to cover the term of the license and are submitted at the time the application is filed.

Fee Category	Annual Regulatory Fee (U.S. \$'s)
PLMRS (per license) (Exclusive Use) (47 CFR part 90)	35
Microwave (per license) (47 CFR part 101)	20
218-219 MHz (Formerly Interactive Video Data Service) (per license) (47 CFR part 95)	70
Marine (Ship) (per station) (47 CFR part 80)	10
Marine (Coast) (per license) (47 CFR part 80)	50
General Mobile Radio Service (per license) (47 CFR part 95)	5
Rural Radio (47 CFR part 22) (previously listed under the Land Mobile category)	15
PLMRS (Shared Use) (per license) (47 CFR part 90)	15
Aviation (Aircraft) (per station) (47 CFR part 87)	10
Aviation (Ground) (per license) (47 CFR part 87)	15
Amateur Vanity Call Signs (per call sign) (47 CFR part 97)	1.50
CMRS Mobile/Cellular Services (per unit) (47 CFR parts 20, 22, 24, 27, 80 and 90)	.17
CMRS Messaging Services (per unit) (47 CFR parts 20, 22, 24 and 90)	.08
Broadband Radio Service (formerly MMDS/ MDS) (per license) (47 CFR part 27)	475
Local Multipoint Distribution Service (per call sign) (47 CFR, part 101)	475
AM Radio Construction Permits	550
FM Radio Construction Permits	700
TV (47 CFR part 73) VHF Commercial	
Markets 1-10	80,075
Markets 11-25	73,475
Markets 26-50	39,800
Markets 51-100	20,925
Remaining Markets	5,825
Construction Permits	5,825

Fee Category	Annual Regulatory Fee (U.S. \$'s)
TV (47 CFR part 73) UHF Commercial	
Markets 1-10	35,350
Markets 11-25	32,625
Markets 26-50	21,925
Markets 51-100	12,750
Remaining Markets	3,425
Construction Permits	3,425
Satellite Television Stations (All Markets)	1,425
Construction Permits – Satellite Television Stations	895
Low Power TV, Class A TV, TV/FM Translators & Boosters (47 CFR part 74)	385
Broadcast Auxiliaries (47 CFR part 74)	10
CARS (47 CFR part 78)	475
Cable Television Systems (per subscriber) (47 CFR part 76)	.95
Interstate Telecommunication Service Providers (per revenue dollar)	.00375
Earth Stations (47 CFR part 25)	275
Space Stations (per operational station in geostationary orbit) (47 CFR part 25) also includes DBS Service (per operational station) (47 CFR part 100)	132,875
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25)	143,150
International Bearer Circuits - Terrestrial/Satellites (per 64KB circuit)	.26
International Bearer Circuits - Submarine Cable	See Table Below

FY 2012 SCHEDULE OF REGULATORY FEES (continued)

FY 2012 RADIO STATION REGULATORY FEES						
Population Served	AM Class A	AM Class B	AM Class C	AM Class D	FM Classes A, B1 & C3	FM Classes B, C, C0, C1 & C2
<=25,000	\$725	\$600	\$550	\$625	\$700	\$875
25,001 – 75,000	\$1,475	\$1,225	\$850	\$950	\$1,425	\$1,550
75,001 – 150,000	\$2,200	\$1,525	\$1,125	\$1,600	\$1,950	\$2,875
150,001 – 500,000	\$3,300	\$2,600	\$1,675	\$1,900	\$3,025	\$3,750
500,001 – 1,200,000	\$4,775	\$3,975	\$2,800	\$3,175	\$4,800	\$5,525
1,200,001 – 3,000,00	\$7,350	\$6,100	\$4,200	\$5,075	\$7,800	\$8,850
>3,000,000	\$8,825	\$7,325	\$5,325	\$6,350	\$9,950	\$11,500

FY 2012 SCHEDULE OF REGULATORY FEES
International Bearer Circuits - Submarine Cable

Submarine Cable Systems (capacity as of December 31, 2011)	Fee amount	Address
< 2.5 Gbps	\$13,300	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
2.5 Gbps or greater, but less than 5 Gbps	\$26,600	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
5 Gbps or greater, but less than 10 Gbps	\$53,200	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
10 Gbps or greater, but less than 20 Gbps	\$106,375	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000
20 Gbps or greater	\$212,750	FCC, International, P.O. Box 979084, St. Louis, MO 63197-9000