Regulations, Rates and Charges applying to the provision of Access Services within the operating territory of PACIFIC BELL TELEPHONE COMPANY and Concurring carriers listed on Page 23.

Access Services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof.

The original effective date of Pacific Bell Tariff No. 128 is June 13, 1984, except for Section 7, which became effective April 1, 1985.

Issuing Officer:

Kristen E. Shore
AVP - Regulatory (T)

(This page filed under Transmittal No. 572)

Issued: November 5, 2019 Effective: November 20, 2019

## ACCESS SERVICE CHECK SHEET

Title Page and Pages 1 to 35-17, inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement No. 13 contains all changes from the original tariff that are in effect on the date hereof.

	Number of		Number of		Number of
	Revision		Revision		Revision
	Except as		Except as		Except as
Page	Indicated	Page	Indicated	Page	Indicated
Title 1	5th	8	7th	2-4	2nd
1	548th*	8.1	6th	2-5	2nd
1.1	47th	9	3rd	2-6	6th
1.2	168th*	10	1st	2-7	2rd
1.3	17th	11	Original	2-8	1st
1.4	13th	12	Original	2-9	Original
1.5	65th	13	Original	2-10	Original
1.6	61st	14	5th	2-11	Original
1.7	105th	15	1st	2-12	Original
1.8	50th	16	Original	2-13	Original
1.9	24th	17	Original	2-14	4th
1.10	41st	17.1	Original	2-14.1	1st
1.11	12th	17.2	Original	2-14.2	1st
1.12	20th	18	1st	2-14.3	1st
1.13	Original	19	Original	2-15	1st
1.14	37th	20	Original	2-16	6th
1.14.1	21st	21	2nd	2-17	5th
1.15	117th	22	8th	2-17.1	4th
1.16	32nd	22.1	14th	2-18	1st
1.17	13th	22.1.1	3rd	2-19	5th
1.18	9th	22.2	23rd	2-19.1	Original
1.19	25th	22.3	32nd	2-20	Original
1.20	23rd	22.4	33rd	2-21	Original
1.21	27th	22.5	32nd	2-22	Original
1.22	21st	22.6	34th	2-23	Original
1.23	20th	23	1st	2-24	2nd
1.24	25th	24	1st	2-25	2nd
1.25	26th	25	Original	2-26	Original
1.26	17th	26	1st	2-27	Original
1.27	17th	27	1st	2-28	1st
1.28	13th	28	2nd	2-29	Original
1.29	5th	29	Original	2-30	Original
2	1st	30	Original	2-31	Original
2.1	2nd	31	Original	2-32	Original
3	4th	32	Original	2-33	Original
3.1	4th	33	4th	2-34	Original
3.2	2nd	34	2nd	2-35	Original
3.3	1st	35	1st	2-36	Original
3.4	4th	36	Original	2-37	Original
3.5	3rd	37	5th	2-38	Original
3.6	1st	38	2nd	2-39	1st
4	Original	39	2nd	2-40	Original
4.1	Original	1-1	Original	2-41	Original
5	Original	1-2	2nd	2-42	Original
6	6th	2-1	5th	2-43	Original
7	1st	2-2	4th	2-43.1	Original
7.1	3rd	2-3	2nd	2-44	Original
7.1	1st	۷ ک	2110	۷ 11	OLIGINAL
1 • 4	136				

<sup>\*</sup> New or Revised Page

Issuing Officer: Kristen E. Shore, Assistant Vice President - Regulatory (This page filed under Transmittal No. 597)

Issued: March 15, 2024 Effective: April 1, 2024

### CHECK SHEET (Cont'd)

	Number of Revision Except as		Number of Revision Except as		Number of Revision Except as
Page	Indicated	Page	Indicated	Page	Indicated
2-45	Original	2-70	1st	2-103	Original
2-46	Original	2-71	1st	2-104	1st
2-47	5th	2-72	Original	2-105	1st
2-47.1	4th	2-73	Original	2-106	1st
2-47.2	4th	2-74	2nd	2-107	Original
2-47.3	4th	2-75	5th	2-108	1st
2-47.4	1st	2-76	Original	2-109	Original
2-47.5	1st	2-77	1st	2-110	1st
2-48	5th	2-78	Original	2-110.1	Original
2-49	Original	2-79	Original	2-111	1st
2-50	Original	2-80	1st	2-112	Original
2-51	1st	2-81	2nd	2-113	2nd
2-52	1st	2-82	Original	2-114	2nd
2-53	1st	2-83	1st	2-115	1st
2-54	1st	2-84	Original	2-116	Original
2-55	1st	2-85	1st	2-117	2nd
2-56	Original	2-86	Original	2-118	1st
2-57	3rd	2-87	Original	2-119	Original
2-58	1st	2-88	3rd	2-120	Original
2-59	Original	2-89	3rd	2-121	Original
2-60	Original	2-90	Original	2-122	3rd
2-61	Original	2-91	2nd	2-123	Original
2-59	Original	2-92	3rd	2-124	3rd
2-60	1st*	2-93	5th	2-125	1st
2-61	Original	2-94	Original	2-126	1st
2-62	7th*	2-95	Original	2-127	Original
2-63	Original	2-96	5th	2-128	6th
2-64	6th*	2-97	2nd	2-129	1st
2-65	Original	2-98	Original	2-130	Original
2-66	1st	2-99	Original	2-131	Original
2-67	Original	2-100	Original	2-132	Original
2-68	4th	2-101	Original	2-133	1st
2-69	1st	2-102	Original	2-134	Original
				3-1	Original

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Issued: December 16, 2022 Effective: January 1, 2023

<sup>\*</sup> New or Revised Page

Page	Number of Revision Except as Indicated	Page	Number of Revision Except as Indicated	Page	Number of Revision Except as Indicated
3-2	1st	4-11.1	13th	5-21	9th
3-3	4th	4-11.1.1	Original	5-21.1	6th
3-4	1st	4-11.2	81st*	5-21.2	6th
3-5	Original	4-12	38th	5-21.3	5th
3-6	1st	4-13	105th*	5-21.4	5th
3-7	1st	5-1	5th	5-21.5	6th
3-8	Original	5-2	3rd	5-21.6	5th
3-9	Original	5-3	4th	5-21.7	5th
3-10	1st o	5-3.1	3rd	5-22	Original
3-11	Original	5-3.2	3rd	5-23	9th
3-12	Original	5-4	4th	5-24	5th
3-13	1st	5-4.1	7th	5-25	6th
3-14	1st	5-5	2nd	5-26	Original
3-15	1st	5-6	Original	5-27	Original
3-16	Original	5-7	2nd	5-28	Original
3-17	1st	5-8	Original	5-29	Original
3-18	1st	5-9	1st	5-30	Original
3-19	2nd	5-10	Original	5-31	1st
3-20	2nd	5-11	2nd	5-32	1st
3-21	1st	5-12	1st	5-33	1st
3-22	Original	5-12.1	2nd	5-34	Original
3-23	2nd	5-12.2	1st	5-35	2nd
3-24	1st	5-12.3	Original	5-35.1	3rd
3-25	1st	5-12.4	Original	5-36	Original
3-26	3rd	5-13	8th	5-37	Original
4-1	Original	5-14	Original	5-38	1st
4-2	5th	5-15	5th	5-39	Original
4-3	Original	5-15.1	Original	5-40	Original
4 - 4	Original	5-16	7th	6-1	2nd
4-5	Original	5-17	11th	6-2	3rd
4-6	5th	5-17.1	9th	6-3	2nd
4-7	2nd	5-17.1.1	7th	6-4	1st
4-8	1st	5-18	11th	6-5	Original
4-9	2nd	5-19	7th	6-6	Original
4-10	1st	5-20	7th	6-7	Original
4-11	1st			6-8	Original

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Issued: March 15, 2024 Effective: April 1, 2024

<sup>\*</sup> New or Revised Page

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	Number of Revision Except as		Number of Revision Except as		Number of Revision Except as
<u>Page</u>	Indicated	Page	Indicated	<u>Page</u>	Indicated
6-9	1st	6-38	2nd	6-67	Original
6-10	2nd	6-39	Original	6-68	Original
6-11	1st	6-40	4th	6-69	Original
6-12	1st	6-41	1st	6-70	Original
6-13	Original	6-41.1	Original	6-71	Original
6-14	2nd	6-42	1st	6-72	Original
6-15	1st	6-42.1	Original	6-73	2nd
6-16	1st	6-43	Original	6-74	Original
6-17	3rd	6-43.1	Original	6-75	1st
6-17.1	Original	6 - 44	Original	6-76	Original
6-17.2	Original	6-45	Original	6-77	Original
6-18	Original	6-46	Original	6-78	4th
6-19	Original	6-47	Original	6-79	Original
6-20	1st	6-48	2nd*	6-80	1st
6-21	1st	6-49	Original	6-81	Original
6-22	Original	6-50	Original	6-82	Original
6-23	Original	6-51	Original	6-83	Original
6-24	Original	6-52	Original	6-84	Original
6-25	Original	6-53	Original	6-85	Original
6-26	Original	6-54	Original	6-86	Original
6-27	Original	6-55	Original	6-87	Original
6-28	Original	6-56	Original	6-88	Original
6-29	Original	6-57	Original	6-89	1st
6-30	1st	6-58	Original	6-90	1st
6-31	1st	6-59	Original	6-91	1st
6-32	1st	6-60	Original	6-92	1st
6-33	Original	6-61	Original	6-93	1st
6-34	Original	6-62	Original	6-94	1st
6-35	Original	6-63	Original	6-95	Original
6-36	Original	6-64	Original		
6-37	Original	6-65	Original		
		6-66	Original		

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Issued: December 16, 2019 Effective: December 31, 2019

<sup>\*</sup> New or Revised Page

### CHECK SHEET (Cont'd)

Page	Number of Revision Except as Indicated	Page	Number of Revision Except as Indicated	Page	Number of Revision Except as Indicated
6-96	Original	6-125	Original	6-154	2nd
6-97	Original	6-126	Original	6-155	Original
6-98	Original	6-127	Original	6-156	Original
6-99	Original	6-128	Original	6-157	Original
6-100	Original	6-129	Original	6-158	Original
6-101	Original	6-130	Original	6-159	Original
6-102	Original	6-131	1st	6-160	1st
6-103	Original	6-132	Original	6-161	Original
6-104	Original	6-133	Original	6-162	2nd
6-105	Original	6-134	Original	6-163	1st
6-106	Original	6-135	Original	6-164	2nd
6-107	Original	6-136	Original	6-165	2nd
6-108	Original	6-137	Original	6-166	Original
6-109	2nd	6-138	Original	6-167	2nd
6-110	Original	6-139	1st	6-168	2nd
6-111	1st	6-139.1	Original	6-169	Original
6-112	Original	6-139.2	Original	6-170	3rd
6-113	Original	6-140	1st	6-171	2nd
6-114	Original	6-141	1st	6-172	Original
6-115	Original	6-142	1st	6-173	Original
6-116	Original	6-143	Original	6-174	1st
6-117	Original	6-144	Original	6-175	Original
6-118	Original	6-145	1st	6-176	Original
6-119	Original	6-146	1st	6-177	Original
6-120	1st*	6-147	Original	6-178	Original
6-121	2nd	6-148	Original	6-179	1st
6-122	Original	6-149	Original	6-179.1	Original
6-123	Original	6-150	2nd	6-180	Original
6-124	1st	6-151	1st	6-181	Original
		6-152	Original	6-182	Original
		6-153	Original		

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Issued: December 16, 2019 Effective: December 31, 2019

<sup>\*</sup> New or Revised Page

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Page	Number of Revision Except as Indicated	<u>Page</u>	Number of Revision Except as Indicated	<u>Page</u>	Number of Revision Except as Indicated
6-183	Original	6-212	5th	6-241	1st
6-184	Original	6-213	10th	6-242	10th*
6-185	Original	6-214	17th	6-243	Original
6-186	Original	6-215	14th	7-1	7th
6-187	Original	6-216	6th	7-2	6th
6-188	Original	6-217	1st	7-3	4th
6-189	Original	6-218	Original	7-4	3rd
6-190	Original	6-219	11th	7-5	4th
6-191	Original	6-220	18th*	7-6	Original
6-192	1st	6-221	1st	7-7	1st
6-193	Original	6-222	1st	7-7.1	Original
6-194	Original	6-223	1st	7-8	Original
6-195	Original	6-224	Original	7-9	2nd
6-196	Original	6-225	1st	7-10	1st
6-197	Original	6-226	3rd	7-11	Original
6-198	Original	6-227	Original	7-12	Original
6-199	1st	6-228	Original	7-13	Original
6-200	1st	6-229	11th	7-14	1st
6-201	Original	6-230	4th	7-15	1st
6-202	Original	6-231	2nd	7-16	4th
6-203	1st	6-232	1st	7-17	7th
6-204	1st	6-233	1st	7-18	Original
6-205	1st	6-234	4th	7-19	Original
6-206	7th	6-235	3rd	7-20	1st
6-207	2nd	6-235.1	1st	7-21	1st
6-208	5th	6-236	Original	7-22	1st
6-209	5th	6-237	Original	7-23	1st
6-210	5th	6-238	Original	7-24	2nd
6-211	6th	6-238.1	Original	7-25	1st
		6-239	6th	7-26	1st
		6-240	7th	7-27	1st

<sup>\*</sup> New or Revised Page

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Issued: June 16, 2023 Effective: July 1, 2023

	Number of Revision		Number of Revision		Number of Revision
	Except as		Except as		Except as
Pago	Indicated	Pago	Indicated	Pago	Indicated
<u>Page</u> 7–28	1st	<u>Page</u> 7–65	2nd	<u>Page</u> 7-83	Original
7-29	1st	7-66	2nd	7-84	4th
7-30	1st	7-67	3rd	7-85	1st
7-31	1st	7-68	5th	7-86	1st
7-32	1st	7-69	2nd	7-87	3rd
7-33	1st	7-70	Original	7-88	3rd
7-34	1st	7-71	Original	7-89	Original
7-35	1st	7-72	Original	7-90	Original
7-36	1st	7-73	Original	7-91	Original
7-37	1st	7-74	Original	7-92	1st
7-38	2nd	7-75	Original	7-93	Original
7-39	3rd	7-76	1st	7-94	10th*
7-40	1st	7-77	2nd	7-95	Original
7-41	1st	7-78	5th	7-95.1	Original
7-42	2nd	7-79	2nd	7-96	2nd
7-43	2nd	7-80	2nd	7-97	4th
7-44	2nd	7-81	4th	7-98	2nd
7-45	5th	7-82	1st	7-99	2nd
7-46	10th	7-82.1	5th	7-100	2nd
7-47	7th	7-82.2	5th	7-101	1st
7-48	3rd	7-82.2.1	5th	7-102	11th*
7-49	2nd	7-82.2.2	5th	7-102.1	7th*
7-50	1st	7-82.2.3	4th	7-103	12th*
7-51	1st	7-82.2.4	4th	7-103.1	1st*
7-52	1st	7-82.3	2nd	7-104	10th*
7-53	1st	7-82.4	2nd	7-104.1	1st
7-54	1st	7-82.5	3rd	7-105	3rd
7-55	1st	7-82.5.1	2nd	7-106	2nd*
7-56	1st	7-82.5.2	3rd	7-107	Original
7-57	3rd	7-82.6	4th	7-108	Original
7-58	2nd	7-82.6.1	2nd	7-109	Original
7-59	1st	7-82.7	4th	7-110	2nd
7-60	3rd	7-82.8	4th	7-111	Original
7-60.1	1st	7-82.9	2nd	7-112	3rd
7-60.2	1st	7-82.10	2nd	7-113	Original
7-61	2nd*	7-82.11	2nd	7-114	Original
7-62	4th	7-82.12	2nd		
7-63	5th	7-82.13	2nd		
7-64	Original	7-82.14	2nd		

<sup>\*</sup> New or Revised Page

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Issued: January 2, 2024 Effective: January 17, 2024

<u>Page</u>	Number of Revision Except as Indicated	<u>Page</u>	Number of Revision Except as Indicated	<u>Page</u>	Number of Revision Except as Indicated
7-115	Original	7-140.6	12th*	7-173.1	3rd
7-116	Original	7-140.6.1	3rd*	7-174	10th*
7-117	Original	7-140.6.2	3rd*	7-175	12th*
7-118	Original	7-140.7	2nd*	7-176	10th
7-119	Original	7-141	5th	7-177	15th
7-120	Original	7-142	3rd	7-178	15th
7-121	Original	7-143	14th	7-179	11th
7-122	Original	7-144	9th	7-180	2nd*
7-123	Original	7-145	2nd	7-181	20th*
7-124	Original	7-146	1st	7-182	11th*
7-125	Original	7-147	1st	7-183	14th
7-126	Original	7-148	2nd	7-184	2nd
7-127	Original	7-149	1st	7-185	3rd
7-128	Original	7-150	2nd	7-186	2nd
7-129	6th	7-151	2nd	7-187	1st
7-129.1	1st	7-152	5th	7-188	2nd
7-130	2nd	7-153	4th	7-189	4th
7-131	1st	7-154	3rd	7-190	5th
7-132	6th	7-155	8th	7-191	20th*
7-133	3rd	7-156	8th	7-192	17th*
7-134	3rd	7-157	4th	7-192.1	5th
7-134.1	2nd	7-158	3rd	7-193	Original
7-134.2	4th	7-159	1st	7-194	6th
7-135	6th*	7-160	1st	7-194.1	8th
7-135.1	2nd	7-161	1st	7-195	8th
7-136	Original	7-162	1st	7-196	14th
7-137	1st	7-163	1st	7-197	8th
7-138	1st	7-164	1st	7-198	9th
7-139	Original	7-165	16th	7-199	8th
7-140	Original	7-166	6th	7-200	12th
7-140.1	7th*	7-167	6th	7-200.1	2nd
7-140.2	6th*	7-168	1st	7-200.2	2nd
7-140.3	13th*	7-169	1st	7-201	7th
7-140.4	14th*	7-170	3rd		
7-140.5	10th*	7-171	3rd		
7-140.5.1	5th*	7-171.1	3rd		
		7-172	25th*		
		7-173	14th*		

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<sup>\*</sup> New or Revised Page (This page filed under Transmittal No. 596 )

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7-202	4th	7-235	Original	8-19	3rd
7-202.1	5th	7-236	Original	9-2	1st*
7-203	8th	7-237	Original	9-3	1st
7-204	6th	7-238	Original	9-4	1st
7-205	10th	7-239	Original	9-5	1st
7-206	8th	7-240	Original	9-6	Original
7-207	4th	7-241	Original	9-7	Original
7-207.1	5th	7-242	Original	9-8	Original
7-207.1.1	5th	7-243	Original	9-9	Original
7-207.1.2	3rd	7-244	Original	9-10	1st*
7-208	Original	7-245	Original	9-11	1st*
7-209	Original	7-246	Original	9-12	1st*
7-210	Original	7-247	Original	9-13	Original
7-211	Original	7-248	Original	9-14	Original
7-212	Original	7-249	Original	9-15	1st*
7-213	Original	7-250	Original	9-16	14th*
7-214	Original	7-251	Original	9-17	1st*
7-215	Original	7-252	Original	9-18	12th
7-216	Original	8-1	3rd	9-19	1st*
7-217	Original	8-2	3rd	9-20	1st*
7-218	Original	8-3	4th	9-21	1st*
7-219	Original	8-3.1	2nd	9-22	Original
7-220	Original	8-4	3rd	9-23	Original
7-221	Original	8-5	3rd	9-24	Original
7-222	Original	8-6	2nd	9-25	1st
7-223	Original	8-7	3rd	9-26	3rd
7-224	Original	8-8	3rd	9-27	2nd
7-225	Original	8-9	3rd	9-28	1st
7-226	Original	8-10	4th	9-29	1st
7-227	Original	8-11	4th	9-30	1st
7-228	Original	8-12	2nd	9-31	1st
7-229	Original	8-13	2nd	9-32	1st
7-230	Original	8-14	2nd	9-33	1st
7-231	Original	8-15	5th	9-34	1st
7-232	Original	8-16	3rd		
7-233	Original	8-17	5th		
7-234	Original	8-18	4th		

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Issued: April 6, 2015 Effective: April 21, 2015

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10-1	Original	10-28	Original	12-13	1st
10-2	1st	10-29	1st*	12-14	1st
10-3	Original	10-30	1st	12-15	1st
10-4	Original	10-31	Original	12-16	1st
10-5	Original	10-32	2nd	12-17	1st
10-6	Original	10-33	2nd	12-18	1st
10-7	Original	10-34	3rd	12-19	1st
10-8	Original	10-34.1	Original	12-20	1st
10-9	1st*	10-35	4th	12-21	1st
10-10	Original	10-36	Original	12-22	1st
10-11	Original	10-37	2nd	12-23	1st
10-12	Original	10-38	3rd	12-24	1st
10-13	Original	10-39	2nd	12-25	1st
10-14	1st	10-40	2nd	12-26	1st
10-15	2nd	10-41	2nd	12-27	1st
10-16	2nd	10-42	2nd	12-28	1st
10-17	1st	11-1	Original	12-29	1st
10-18	Original	11-2	1st	12-30	1st
10-19	Original	11-3	Original	12-31	1st
10-20	Original	11-4	1st	12-32	1st
10-21	Original	11-5	Original	12-33	1st
10-22	1st	11-6	Original	12-34	1st
10-22.1	Original	11-7	Original	12-35	1st
10-22.2	Original	11-8	Original	12-36	1st
10-22.3	Original	11-9	Original	12-37	1st
10-22.4	Original	11-10	Original	12-38	1st
10-22.5	Original	11-11	Original	12-39	1st
10-23	1st	12-1	Original	12-40	1st
10-24	2nd	12-2	Original	12-41	1st
10-25	7th	12-3	1st		
10-26	1st	12-4	1st		
10-27	1st	12-5	Original		
10-27.1	3rd	12-6	Original		
10-27.2	1st	12-7	Original		
10-27.3	Original	12-8	Original		
10-27.4	Original	12-9	1st		
10-27.5	Original	12-10	1st		
10-27.6	Original	12-11	1st		
		12-12	1st		

(This page filed under Transmittal No. 514 )

Issued: October 28, 2014 Effective: November 12, 2014

		CHECK SHEE			
	Number of		Number of		Number of
	Revision		Revision		Revision
	Except as		Except as		Except as
Page	Indicated	Page	Indicated	Page	Indicated
12-42	1st	13-23	5th	13-54	1st
12-43	1st	13-24	Original	13-55	1st
12-44	1st	13-25	1st	13-56	4th
12-45	1st	13-26	1st	13-57	Original
12-46	1st	13-27	1st	13-58	Original
12-47	1st	13-28	Original	13-59	Original
12-48	1st	13-29	2nd	13-60	Original
12-49	1st	13-30	Original	13-61	Original
12-50	2nd	13-31	4th	13-62	Original
13-1	6th*	13-32	1st	13-63	Original
13-2	5th*	13-33	1st	13-64	Original
13-3	6th*	13-34	1st	13-65	Original
13-4	5th*	13-35	1st	13-66	Original
13-5	7th*	13-36	1st	13-67	Original
13-6	7th*	13-37	1st	13-68	Original
13-7	7th*	13-38	1st	13-69	Original
13-8	5th	13-39	1st	13-70	Original
13-9	2nd	13-40	1st	13-71	Original
13-10	2nd	13-41	1st	13-72	Original
13-11	1st	13-42	4th	13-73	Original
13-12	1st	13-43	4th	13-74	Original
13-13	1st	13-44	4th	13-75	7th
13-14	1st	13-45	4th	13-76	2nd
13-15	1st	13-46	2nd	13-77	Original
13-16	1st	13-47	Original	13-78	Original
13-17	3rd	13-48	Original	13-79	Original
13-18	5th	13-49	1st	13-80	1st
13-19	5th	13-50	Original	14-1	1st
13-20	3rd	13-51	Original	14-2	1st
13-21	2nd	13-52	Original	14-3	Original
13-22	2nd	13-53	Original	14-4	Original
				14-5	Original
				14-6	Original
				14-7	Original
				14-8	Original
				14-9	Original
				14-10	Original
				14-11	Original
				14-12	Original
				14-13	Original
				14-14	Original
* New or	Revised Page			14-15	Original
				14-16	Original
				14-17	Original
				14-18	Original

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Issued: March 2, 2020 Effective: March 17, 2020

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	Number of Revision Except as		Number of Revision Except as		Number of Revision Except as
<u>Page</u>	Indicated	Page	Indicated	<u>Page</u>	Indicated
15-1	Original	16-26	Original	16-53	Original
15-2	Original	16-27	Original	16-54	Original
16-1	Original	16-28	Original	16-55	Original
16-2	Original	16-29	Original	16-56	Original
16-3	Original	16-30	Original	16-57	Original
16-4	8th*	16-31	Original	16-58	Original
16-5	Original	16-32	Original	16-59	Original
16-6	Original	16-33	Original	16-60	Original
16-7	Original	16-34	Original	16-61	Original
16-8	Original	16-35	Original	16-62	Original
16-9	Original	16-36	Original	16-63	11th*
16-10	Original	16-37	Original	16-64	3rd
16-11	Original	16-38	Original	16-65	Original
16-12	Original	16-39	Original	16-66	2nd
16-13	Original	16-40	Original	16-67	Original
16-14	Original	16-41	Original	16-68	Original
16-15	Original	16-42	Original	16-69	Original
16-16	Original	16-43	Original	16-70	Original
16-17	Original	16-44	Original	16-71	Original
16-18	Original	16-45	Original	16-72	Original
16-19	Original	16-46	Original	16-73	Original
16-20	Original	16-47	Original	16-74	Original
16-21	Original	16-48	Original	16-75	Original
16-22	Original	16-49	Original		
16-23	Original	16-50	Original		
16-24	Original	16-51	Original		
16-25	Original	16-52	Original		

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<sup>\*</sup> New or Revised Page

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<u>Page</u>	Number of Revision Except as Indicated	<u>Page</u>	Number of Revision Except as Indicated	<u>Page</u>	Number of Revision Except as Indicated
16-76	Original	16-105	Original	16-134	Original
16-77	Original	16-106	Original	16-135	Original
16-78	Original	16-107	Original	16-136	Original
16-79	Original	16-108	Original	16-137	Original
16-80	Original	16-109	Original	16-138	Original
16-81	Original	16-110	Original	16-139	Original
16-82	Original	16-111	Original	16-140	Original
16-83	Original	16-112	Original	16-141	Original
16-84	Original	16-113	Original	16-142	Original
16-85	Original	16-114	Original	16-143	Original
16-86	Original	16-115	Original	16-144	Original
16-87	Original	16-116	Original	16-145	Original
16-88	Original	16-117	Original	16-146	Original
16-89	Original	16-118	Original	17-1	1st
16-90	Original	16-119	Original	17-2	1st
16-91	Original	16-120	Original	17-3	2nd
16-92	Original	16-121	Original	17-4	2nd
16-93	Original	16-122	Original	17-5	3rd
16-94	Original	16-123	Original	17-6	3rd
16-94.1	Original	16-124	Original	17-7	3rd
16-95	Original	16-125	Original	17-8	3rd
16-96	Original	16-126	Original	17-9	1st
16-97	Original	16-127	Original	17-10	Original
16-98	Original	16-128	Original	17-11	Original
16-99	Original	16-129	Original	17-12	Original
16-100	Original	16-130	Original	17-13	Original
16-101	Original	16-131	2nd	17-14	Original
16-102	Original	16-132	12th*	17-15	Original
16-103	Original	16-132.1	Original	17-16	Original
16-104	Original	16-133	Original		

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Issued: July 30, 2015 Effective: August 14, 2015

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	Number of Revision Except as		Number of Revision Except as		Number of Revision Except as
Page	Indicated	Page	Indicated	Page	Indicated
17-17	Original*	17-46	Original*	17-75	Original*
17-18	Original*	17-47	Original*	17-76	Original*
17-19	Original*	17-48	Original*	17-77	Original*
17-20	Original*	17-49	Original*	17-78	Original*
17-21	Original*	17-50	Original*	17-79	Original*
17-22	Original*	17-51	Original*	17-80	Original*
17-23	Original*	17-52	Original*	17-81	Original*
17-24	Original*	17-53	Original*	17-82	Original*
17-25	Original*	17-54	Original*	17-83	Original*
17-26	Original*	17-55	Original*	17-84	Original*
17-27	Original*	17-56	Original*	17-85	Original*
17-28	Original*	17-57	Original*	17-86	Original*
17-29	Original*	17-58	Original*	17-87	Original*
17-30	Original*	17-59	Original*	17-88	Original*
17-31	Original*	17-60	Original*	17-89	Original*
17-32	Original*	17-61	Original*	17-90	Original*
17-33	Original*	17-62	Original*	17-91	Original*
17-34	Original*	17-63	Original*	17-92	Original*
17-35	Original*	17-64	Original*	17-93	Original*
17-36	Original*	17-65	Original*	17-94	Original*
17-37	Original*	17-66	Original*	17-95	Original*
17-38	Original*	17-67	Original*	17-96	Original*
17-39	Original*	17-68	Original*	17-97	Original*
17-40	Original*	17-69	Original*	17-98	Original*
17-41	Original*	17-70	Original*	17-99	Original*
17-42	Original*	17-71	Original*	17-100	Original*
17-43	Original*	17-72	Original*	17-101	Original*
17-44	Original*	17-73	Original*	17-102	Original*
17-45	Original*	17-74	Original*	17-103	Original*

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	Number of Revision Except as		Number of Revision Except as		Number of Revision Except as
<u>Page</u>	Indicated	<u>Page</u>	Indicated	Page	Indicated
17-104	Original	20-24	2nd*	22-3	4th
17-105	Original	20-25	2nd*	22-4	1st
17-106	Original	20-26	2nd*	22-5	4th
18-1	Original	20-27	2nd*	22-6	5th
18-2	Original	20-28	2nd*	22-7	7th
18-3	Original	20-29	2nd*	22-8	4th
19-1	2nd	20-30	2nd*	22-9	4th
19-2	1st	20-31	2nd*	22-10	2nd
19-3	1st	20-32	2nd*	22-11	7th
19-4	1st	20-33	3rd*	22-11.1	3rd
19-5	2nd	20-33.1	3rd*	22-12	4th
19-6	2nd	20-34	9th*	22-13	4th
20-1	2nd*	20-35	9th*	22-13.1	3rd
20-2	2nd*	20-36	5th*	22-14	5th
20-3	2nd*	20-37	3rd*	22-14.1	2nd
20-4	2nd*	20-38	3rd*	22-15	5th
20-5	3rd*	20-39	3rd*	22-15.1	2nd
20-6	3rd*	20-40	6th*	22-16	5th
20-7	4th*	20-41	6th*	22-17	4th
20-8	3rd*	20-42	5th*	22-18	5th
20-9	3rd*	20-43	3rd*	22-19	4th
20-10	2nd*	20-44	4th*	22-20	4th
20-11	2nd*	20-45	4th*	22-21	3rd
20-12	2nd*	20-46	3rd*	22-21.1	3rd
20-13	2nd*	20-47	3rd*	22-22	6th
20-14	3rd*	21-1	Original	22-22.1	2nd
20-15	2nd*	21-2	1st	22-22.2	2nd
20-16	2nd*	21-3	Original	22-22.3	2nd
20-17	2nd*	21-4	1st	22-22.4	2nd
20-18	2nd*	21-5	Original	22-22.5	2nd
20-19	2nd*	21-6	Original	22-22.6	2nd
20-20	2nd*	21-7	1st	22-22.7	2nd
20-21	2nd*	22-1	3rd	22-22.8	1st
20-22	2nd*	22-2	10th	22-23	3rd
20-23	2nd*	22-2.1	1st	22-24	1st
				22-25	1st

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Issued: September 11, 2012 Effective: September 26, 2012

### CHECK SHEET (Cont'd)

	Number of Revision Except as		Number of Revision Except as		Number of Revision Except as
<u>Page</u>	Indicated	<u>Page</u>	Indicated	Page	Indicated
23-1	3rd	24-11	2nd	29-13	2nd
23-2	3rd	24-12	2nd	29-14	2nd
23-3	3rd	24-13	2nd	29-15	2nd
23-4	3rd	24-14	2nd	29-16	4th
23-5	3rd	24-15	2nd	29-17	2nd
23-6	3rd	24-16	2nd	29-18	4th
23-7	2nd	24-17	2nd	29-19	4th
23-8	2nd	24-18	2nd	29-19.1	2nd
23-9	2nd	24-19	2nd	29-20	3rd
23-10	2nd	24-20	2nd	29-21	3rd
23-11	2nd	24-21	2nd	29-22	5th
23-12	2nd	24-22	2nd	29-22.1	2nd
23-13	2nd	24-23	3rd	29-23	6th
23-14	2nd	24-24	2nd	29-24	2nd
23-15	2nd	24-25	3rd	29-25	3rd
23-16	2nd	24-26	3rd	29-26	2nd
23-17	2nd	25-1	3rd*		
23-18	2nd	25-2	3rd*		
23-19	2nd	25-3	1st*		
23-20	2nd	29-1	5th		
23-21	2nd	29-2	3rd		
23-22	2nd	29-3	2nd		
23-23	3rd	29-4	5th		
23-24	3rd	29-5	3rd		
23-25	3rd	29-5.1	2nd		
23-26	3rd	29-5.2	2nd		
23-27	2nd	29-5.3	2nd		
24-1	3rd	29-6	4th		
24-2	3rd	29-6.1	4th		
24-3	2nd	29-6.2	2nd		
24 - 4	2nd	29-7	4th		
24-5	2nd	29-8	3rd		
24-6	2nd	29-9	8th		
24-6.1	2nd	29-10	3rd		
24-7	2nd	29-11	2nd		
24-8	2nd	29-12	4th		
24-9	2nd				
24-10	2nd				

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Issued: April 18, 2012 Effective: May 3, 2012

		CHECK :	SHEET (Cont'd)		
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Page	Indicated	Page	Indicated	Page	Indicated
30-1	7th	31-41	7th	31-82.5	4th
30-2 30-3	12th 3rd	31-42.1 31-42	3rd 5th	31-82.6 31-82.7	6th 5th
30-4	3rd	31-43	4th	31-82.8	4th
30-5 30-5.1	10th 2nd	31-44 31-45	4th 4th	31-82.9 31-82.10	6th 5th
30-5.2	2nd	31-46	4th	31-82.11	6th
30-5.3 30-5.4	2nd 2nd	31-47 31-48.1	7th 5th	31-82.12 31-82.13	4th 5th
30-6 30-6.1	18th 2nd	31-48 31-49	6th 10th	31-82.13.1	5th 3rd
30-0.1	6th	31-50	5th	31-82.13.2 31-82.14	2nd
30-8 30-9	12th 5th	31-51 31-52	3rd 1st	31-82.15 31-82.16	5th 3rd
30-10	4th	31-53	2nd	31-82.17	4th
30-11 30-12	8th 7th	31-54 31-55	3rd 4th	31-82.18 31-82.19	4th 3rd
30-13	5th	31-56	4th	31-82.20	4th
30-13.1 30-13.2	11th 5th	31-57 31-57.1	9th 7th	31-82.21 31-82.22	4th 4th
30-13.3	2nd	31-57.2	6th	31-82.23	4th
30-14 30-14.1	13th 2nd	31-57.3 31-57.4	4th 4th	31-82.24 31-82.25	4th 2nd
30-15	21st	31-57.5	4th	31-82.26 31-82.27	2nd
30-16 30-17	6th 7th	31-57.6 31-57.7	5th 5th	31-82.27	2nd 2nd
31-1 31-2	Original 8th	31-57.8 31-57.9	5th 7th	31-82.29 31-83	2nd 2nd
31-3	11th	31-57.10	11th	31-83.1	5th
31-4 31-5	7th 5th	31-57.11 31-57.12	3rd 7th	31-83.2 31-83.3	3rd 2nd
31-6	Original	31-57	2nd	31-83.4	2nd
31-7 31-8	5th 5th	31-58 31-59	1st 3rd	31-83.5 31-83.6	2nd 2nd
31-8.1	4th	31-60	8th	31-83.7	2nd
31-8.1.1 31-8.2	2nd 6th	31-61 31-62	8th 8th	31-83.8 31-83.9	2nd 4th
31-9 31-10	5th 5th	31-63 31-64	9th 7th	31-83.10 31-83.11	4th 4th
31-11	4th	31-65	7th	31-83.12	4th
31-12 31-13	4th 4th	31-66.1 31-66.2	4th 4th	31-83.13 31-83.14	4th 4th
31-14	5th*	31-66	9th	31-83.15	4th
31-15 31-16	5th* 5th	31-67 31-68	8th 10th	31-83.16 31-84	2nd 3rd
31-17	3rd	31-69	6th	31-84.1	1st
31-18 31-19	5th 1st	31-70 31-71	8th 9th	31-84.2 31-84.3	1st 1st
31-20	3rd	31-72	2nd	31-85	3rd
31-21 31-22	2nd 5th	31-73 31-74	2nd 3rd	31-86 31-87	1st 6th
31-23 31-24	3rd 4th	31-75 31-76	2nd 2nd	31-87.1 31-88	Original 1st
31-25	3rd	31-77	2nd	31-88.1	Original
31-26 31-27	3rd 3rd	31-78 31-79 <b>.</b> 1	2nd 5th	31-88.2 31-88.3	Original 1st
31-28	3rd	31-79.2	3rd	31-89	Original
31-29 31-30	2nd 3rd	31-79.3 31-79.4	6th 6th	31-90 32-1	Original 5th
31-31	3rd	31-79.5	2nd	32-2	9th
31-32 31-33	3rd 6th	31-79.6 31-79.7	3rd 2nd	32-2.1 32-3	4th 6th
31-34 31-35	6th	31-80 31-80.1	11th	32-3.1 32-4	3rd
31-36	2nd 2nd	31-81	9th 11th	32-4.1	4th 4th
31-37 31-38	4th 4th	31-81.1 31-82	3rd 5th	32-4.2 32-5	5th 6th
31-39	5th	31-82.1	5th	32-6	5th
31-40 31-40.1	7th 5th	31-82.2 31-82.3	4th 6th		
01 10.1		31-82.4	5th		

(x) Material filed on December 7, 2017, under Transmittal No. 558 had an Effective date of December 8, 2018. The correct Effective date should have been December 8, 2017.

(This page filed under Transmittal No. 567 )

Issued: February 14, 2019 Effective: March 1, 2019

		CHECK SHEET	(Cont'd)		
	Number of		Number of		Number of
	Revision		Revision		Revision
	Except as		Except as		Except as
Page	Indicated	Page	Indicated	<u>Page</u>	Indicated
32-7	6th*	33-14	1st	33-56	Original
32-8	4th*	33-15	1st	33-57	Original
32-9	5th*	33-16	Original	33-58	Original
32-10	8th*	33-17	Original	33-59	Original
32-11	4th*	33-18	Original	33-60	Original
32-11.1	4th*	33-19	Original	33-61	Original
32-12	5th*	33-20	Original	33-62	Original
32-12.1	3rd*	33-21	Original	33-63	Original
32-13	6th*	33-22	Original	33-64	Original
32-14	9th*	33-23	Original	33-65	Original
32-15	5th*	33-24	2nd	33-66	Original
32-16	5th*	33-25	2nd	33-67	Original
32-16.1	3rd*	33-26	2nd	33-68	Original
32-17	4th*	33-27	2nd	33-69	Original
32-18	3rd*	33-28	2nd	33-70	Original
32-19	5th*	33-28.1	Original	33-71	Original
32-20	6th*	33-28.2	Original	33-72	Original
32-21	8th*	33-29	1st	33-73	Original
32-22	6th*	33-30	Original	33-74	Original
32-23	5th*	33-31	Original	33-75	Original
32-24	8th*	33-32	Original	33-76	Original
32-25	5th*	33-33	Original	33-77	Original
32-26	5th*	33-34	Original	33-78	Original
32-27	6th*	33-35	Original	33-79	Original
32-28	5th*	33-36	Original	33-80	Original
32-29	6th*	33-37	Original	33-81	Original
32-29.1	5th*	33-38	Original	33-82	Original
32-29.2	9th*	33-39	Original	33-83	Original
32-30	7th*	33-40	Original	33-84	Original
33-1	2nd	33-41	Original	33-85	Original
33-2	2nd	33-42	Original	33-86	Original
33-3	2nd	33-43	Original	33-87	Original
33-4	2nd	33-44	Original	33-88	Original
33-4.1	Original	33-45	Original	33-89	Original
33-4.2	Original	33-46	Original	33-90	Original
33-5	2nd	33-47	Original	33-91	Original
33-6	2nd	33-48	Original	33-92	Original
33-7	2nd	33-49	Original	33-93	Original
33-8	2nd	33-50	Original	33-94	Original
33-9	2nd	33-51	Original	33-95	Original
33-10	2nd	33-52	Original	33-96	Original
33-11	1st	33-53	Original	33-99	Original
33-12	1st	33-54	Original	33-100	Original
33-13	1st	33-55	Original	33-101	Original

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Issued: November 6, 2014 Effective: November 21, 2014

	Number of Revision		Number of Revision		Number of Revision
	Except as		Except as		Except as
<u>Page</u>	<u>Indicated</u>	<u>Page</u>	<u>Indicated</u>	<u>Page</u>	<u>Indicated</u>
33-102	Original	33-142	Original	33-182	2nd
33-103	Original	33-143	2nd	33-183	2nd
33-104	Original	33-144	2nd	33-184	2nd
33-105	Original	33-145	2nd	33-185	3rd*
33-106	Original	33-146	2nd	33-186	2nd
33-107	Original	33-147	2nd	33-187	2nd
33-108	Original	33-148	2nd	33-188	2nd
33-109	Original	33-149	2nd	33-189	2nd
33-110	Original	33-150	2nd	33-190	2nd
33-111	Original	33-151	2nd	33-191	2nd
33-112	Original	33-152	2nd	33-192	Original
33-113	Original	33-153	2nd	33-193	Original
33-114	Original	33-154	2nd	33-194	Original
33-115	Original	33-155	2nd	33-195	Original
33-116	Original	33-156	2nd	33-196	Original
33-117	Original	33-157	2nd	33-197	Original
33-118	Original	33-158	2nd	33-198	Original
33-119	2nd	33-159	2nd	33-199	Original
33-120	2nd	33-160	Original	33-200	Original
33-121	2nd	33-161	Original	33-201	Original
33-122	2nd	33-162	Original	33-202	Original
33-123	2nd	33-163	Original	33-203	Original
33-124	2nd	33-164	Original	33-204	Original
33-125	2nd	33-165	Original	33-205	Original
33-126	2nd	33-166	Original	33-206	Original
33-127	2nd	33-167	Original	33-207	Original
33-128	2nd	33-168	Original	33-208	Original
33-129	2nd	33-169	Original	33-209	Original
33-130	2nd	33-170	Original	33-210	Original
33-131	2nd	33-171	Original	33-211	Original
33-132	2nd	33-172	Original	33-212	Original
33-133	Original	33-173	Original	33-213	2nd
33-134	Original	33-174	Original	33-214	Original
33-135	Original	33-175	Original	33-215	Original
33-136	Original	33-176	Original	33-216	Original
33-137	Original	33-177	Original	33-217	2nd
33-138	Original	33-178	Original	33-218	Original
33-139	Original	33-179	Original	33-219	Original
33-140	Original	33-180	Original	33-220	2nd
33-141	Original	33-181	2nd	33-221	2nd

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33-223	2nd	33-264	Original	33-304	Original
33-224	2nd	33-265	Original	33-305	2nd
33-225	2nd	33-266	Original	33-306	3rd*
33-226	Original	33-267	Original	33-307	Original
33-227	Original	33-268	2nd	33-308	Original
33-228	Original	33-269	Original	33-309	Original
33-229	Original	33-270	Original	33-310	Original
33-230	Original	33-271	Original	33-311	Original
33-231	Original	33-272	2nd	33-312	Original
33-232	Original	33-273	Original	33-313	Original
33-233	Original	33-274	Original	33-314	Original
33-234	Original	33-275	2nd	33-315	Original
33-235	Original	33-276	2nd	33-316	Original
33-236	Original	33-277	2nd	33-317	2nd
33-237	Original	33-278	2nd	33-318	2nd
33-238	Original	33-279	2nd	33-319	Original
33-239	Original	33-280	2nd	33-320	Original
33-240	Original	33-281	Original	33-321	Original
33-241	Original	33-282	Original	33-322	Original
33-242	Original	33-283	Original	33-323	Original
33-243	Original	33-284	Original	33-324	Original
33-244	Original	33-285	Original	33-325	Original
33-245	Original	33-286	Original	33-326	Original
33-246	2nd	33-287	Original	33-327	Original
33-247	Original	33-288	Original	33-328	Original
33-248	Original	33-289	Original	33-329	Original
33-249	Original	33-290	Original	33-330	Original
33-250	Original	33-291	Original	33-331	2nd
33-251	Original	33-292	Original	33-332	2nd
33-252	Original	33-293	Original	33-333	2nd
33-253	Original	33-294	Original	33-334	Original
33-254	Original	33-296	Original	33-335	2nd
33-255	Original	33-297	Original	33-336	2nd
33-256	Original	33-298	Original	33-337	2nd
33-257	Original	33-299	Original	33-338	2nd
33-258	Original	33-300	Original	33-339	2nd
33-259	Original	33-300	2nd	33-340	2nd 2nd
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33-202	Original	33-302	Z11U		

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33-341	2nd*	33-381	2nd*	33-421	Original
33-342	2nd*	33-382	2nd*	33-422	Original
33-343	2nd*	33-383	2nd*	33-423	Original
33-344	2nd*	33-384	2nd*	33-424	Original
33-345	2nd*	33-385	2nd*	33-425	Original
33-346	2nd*	33-386	2nd*	33-426	Original
33-347	2nd*	33-387	2nd*	33-427	Original
33-348	2nd*	33-388	Original	33-428	Original
33-349	2nd*	33-389	Original	33-429	Original
33-350	2nd*	33-390	Original	33-430	Original
33-351	Original	33-391	Original	33-431	Original
33-352	Original	33-392	Original	33-432	Original
33-353	Original	33-393	Original	33-433	Original
33-354	Original	33-394	Original	33-434	Original
33-355	Original	33-395	Original	33-435	Original
33-356	Original	33-396	Original	33-436	Original
33-357	Original	33-397	Original	33-437	Original
33-358	2nd*	33-398	Original	33-438	Original
33-359	2nd*	33-399	Original	33-439	Original
33-360	2nd*	33-400	Original	33-440	2nd*
33-361	2nd*	33-401	Original	33-441	2nd*
33-362	Original	33-402	Original	33-442	2nd*
33–363	Original	33-403	Original	33-443	2nd*
33-364	Original	33-404	Original	33-444	2nd*
33-365	2nd*	33-405	Original	33-445	2nd*
33-366	Original	33-406	Original	33-446	2nd*
33-367	Original	33-407	Original	33-447	2nd*
33-368	Original	33-408	Original	33-448	2nd*
33–369	Original	33-409	Original	33-449	2nd*
33-370	Original	33-410	Original	33-450	2nd*
33-371	2nd*	33-411	Original	33-451	2nd*
33-372	2nd*	33-412	2nd*	33-452	2nd*
33-373	2nd*	33-413	2nd*	33-453	2nd*
33-374	2nd*	33-414	2nd*	33-454	2nd*
33–375	2nd*	33-415	2nd*	33-455	2nd*
33-376	2nd*	33-416	2nd*	33-456	2nd*
33-377	2nd*	33-417	2nd*	33-457	2nd*
33–378	2nd*	33-417	2nd*	33-457	2nd*
33-379	2nd*	33-410	2nd*	33-450	2nd*
	2nd*	33-419	2nd*	33-459	2nd*
33-380	2110	33-420	2110		2nd*
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33-462	2nd	33-507	Original	33-552	Original
33-463	2nd	33-508	Original	33-553	Original
33-464	Original	33-509	2nd	33-554	Original
33-465	Original	33-510	3rd	33-555	Original
33-466	Original	33-511	Original	33-556	Original
33-467	Original	33-512	Original	33-557	Original
33-468	Original	33-513	Original	33-558	Original
33-469	Original	33-514	1st*	33-559	Original
33-470	Original	33-515	Original	33-560	Original
33-471	Original	33-516	Original	33-561	Original
33-472	Original	33-517	Original	33-562	Original
33-473	Original	33-518	Original	33-563	Original
33-474	Original	33-519	2nd	33-564	Original
33-475	Original	33-520	2nd	33-565	Original
33-476	2nd	33-521	2nd	33-566	Original
33-477	2nd	33-522	Original	33-567	Original
33-478	2nd	33-523	Original	33-568	Original
33-479	2nd	33-524	2nd	33-569	Original
33-480	2nd	33-525	2nd	33-570	Original
33-481	2nd	33-526	Original	33-571	Original
33-482	2nd	33-527	Original	33-572	Original
33-483	2nd	33-528	Original	33-573	2nd
33-484	2nd	33-529	Original	33-574	2nd
33-485	2nd	33-530	Original	33-575	2nd
33-486	2nd	33-531	Original	33-576	2nd
33-487	2nd	33-532	Original	33-577	2nd
33-488	2nd	33-533	Original	33-578	2nd
33-489	2nd	33-534	Original	33-579	2nd
33-490	2nd	33-535	Original	33-580	2nd
33-491	2nd	33-536	2nd	33-581	2nd
33-492	2nd	33-537	2nd	33-582	Original
33-493	2nd	33-538	Original	33-583	Original
33-494	2nd	33-539	Original	33-584	Original
33-495	2nd	33-540	Original	33-585	Original
33-496	2nd	33-541	Original	33-586	Original
33-497	2nd	33-542	Original	33-587	Original
33-498	Original	33-543	Original	33-588	2nd
33-499	Original	33-544	Original	33-589	2nd
33-500	Original	33-545	Original	33-590	2nd
33-501	Original	33-546	Original	33-591	2nd
33-502	Original	33-547	Original	33-592	2nd
33-503	Original	33-548	Original	33-593	4th
33-504	3rd*	33-549	Original		
33-505	Original	33-550	Original		
33-506	2nd	33-551	Original		
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33-594	5th	33-636	Original	33-678	2nd
33-595	2nd	33-637	Original	33-679	5th*
33-596	4th	33-638	Original	33-680	2nd
33-597	2nd	33-639	1st*	33-681	2nd
33-598	2nd	33-640	Original	33-682	2nd
33-599	2nd	33-641	Original	33-683	2nd
33-600	2nd	33-642	2nd	33-684	2nd
33-601	2nd	33-643	2nd	33-685	2nd
33-602	2nd	33-644	Original	33-686	2nd
33-603	2nd	33-645	2nd	33-687	2nd
33-604	2nd	33-646	Original	33-688	4th
33-605	2nd	33-647	Original	33-689	4th
33-606	2nd	33-648	Original	33-690	2nd
33-607	2nd	33-649	Original	33-691	2nd
33-608	2nd	33-650	Original	33-692	2nd
33-609	2nd	33-651	2nd	33-693	2nd
33-610	2nd	33-652	2nd	33-694	2nd
33-611	Original	33-653	2nd	33-695	2nd
33-612	Original	33-654	Original	33-696	2nd
33-613	Original	33-655	Original	33-697	2nd
33-614	Original	33-656	Original	33-698	2nd
33-615	Original	33-657	2nd	33-699	2nd
33-616	Original	33-658	2nd	33-700	2nd
33-617	Original	33-659	2nd	33-701	2nd
33-618	Original	33-660	Original	33-702	2nd
33-619	Original	33-661	2nd	33-703	2nd
33-620	Original	33-662	2nd	33-704	Original
33-621	2nd	33-663	2nd	33-705	Original
33-622	2nd	33-664	2nd	33-706	Original
33-623	2nd	33-665	2nd	33-707	Original
33-624	2nd	33-666	Original	33-708	Original
33-625	2nd	33-667	Original	33-709	Original
33-626	2nd	33-668	Original	33-710	Original
33-627	2nd	33-669	Original	33-711	Original
33-628	2nd	33-670	Original	33-712	Original
33-629	2nd	33-671	3rd*	33-713	Original
33-630	2nd	33-672	2nd	33-714	Original
33-631	2nd	33-673	2nd	33-715	Original
33-632	2nd	33-674	2nd	33-716	Original
33-633	Original	33-675	2nd	-	-
33-634	Original	33-676	4th		
33-635	2nd	33-677	5th		
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33-720	Original	33-764	2nd*	33-808	Original
33-721	Original	33-765	2nd*	33-809	2nd*
33-722	Original	33-766	2nd*	33-810	2nd*
33-723	Original	33-767	2nd*	33-811	2nd*
33-724	Original	33-768	2nd*	33-812	2nd*
33-725	Original	33-769	2nd*	33-813	2nd*
33-726	Original	33-770	2nd*	33-814	2nd*
33-727	Original	33-771	2nd*	33-815	2nd*
33-728	Original	33-772	Original	33-816	2nd*
33-729	Original	33-773	Original	33-817	2nd*
33-730	Original	33-774	Original	33-818	2nd*
33-731	Original	33-775	Original	33-819	2nd*
33-732	Original	33-776	Original	33-820	2nd*
33-733	Original	33-777	Original	33-821	2nd*
33-734	Original	33-778	Original	33-822	2nd*
33-735	Original	33-779	Original	33-823	2nd*
33-736	Original	33-780	Original	33-824	2nd*
33-737	Original	33-781	Original	33-825	2nd*
33-738	Original	33-782	Original	33-826	2nd*
33-739	Original	33-783	Original	33-827	Original
33-740	Original	33-784	Original	33-828	Original
33-741	Original	33-785	Original	33-829	Original
33-742	Original	33-786	Original	33-830	Original
33-743	Original	33-787	Original	33-831	Original
33-744	Original	33-788	Original	33-832	Original
33-745	Original	33-789	Original	33-833	Original
33-746	Original	33-790	Original	33-834	Original
33-747	Original	33-791	Original	33-835	Original
33-748	Original	33-792	Original	33-836	Original
33-749	Original	33-793	Original	33-837	Original
33-750	Original	33-794	Original	33-838	Original
33-751	Original	33-795	Original	33-839	Original
33-752	Original	33-796	Original	33-840	Original
33-753	Original	33-797	Original	33-841	Original
33-754	Original	33-798	Original	33-842	Original
33-755	Original	33-799	2nd*	33-843	Original
33-756	Original	33-800	2nd*	33-844	Original
33-757	Original	33-801	2nd*	33-845	Original
33-758	2nd*	33-802	2nd*	33-846	Original
33-759	2nd*	33-803	2nd*	33-847	Original
33-760	2nd*	33-804	2nd*	33-848	2nd*
33-761	2nd*	33-805	Original	33-849	2nd*
33-762	2nd*	33-806	Original	33-850	2nd*
33-763	2nd*	33-807	Original	33-851	2nd*

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33-853	2nd*	33-900	2nd*	33-947	Original
33-854	2nd*	33-901	2nd*	33-948	Original
33-855	2nd*	33-902	2nd*	33-949	Original
33-856	2nd*	33-903	2nd*	33-950	Original
33-857	2nd*	33-904	2nd*	33-951	Original
33-858	2nd*	33-905	2nd*	33-952	Original
33-859	2nd*	33-906	2nd*	33-953	Original
33-860	2nd*	33-907	Original	33-954	Original
33-861	2nd*	33-908	Original	33-955	Original
33-862	2nd*	33-909	Original	33-956	Original
33-863	2nd*	33-910	Original	33-957	Original
33-864	2nd*	33-911	Original	33-958	Original
33-865	2nd*	33-912	Original	33-959	Original
33-866	2nd*	33-913	2nd*	33-960	Original
33-867	2nd*	33-914	2nd*	33-961	Original
33-868	2nd*	33-915	2nd*	33-962	Original
33-869	2nd*	33-916	2nd*	33-963	2nd*
33-870	Original	33-917	2nd*	33-964	2nd*
33-871	2nd*	33-918	2nd*	33-965	Original
33-872	Original	33-919	2nd*	33-966	Original
33-873	Original	33-920	2nd*	33-967	Original
33-874	Original	33-921	2nd*	33-968	Original
33-875	Original	33-922	2nd*	33-969	Original
33-876	Original	33-923	2nd*	33-970	Original
33-877	Original	33-924	2nd*	33-971	2nd*
33-878	Original	33-925	2nd*	33-972	2nd*
33-879	Original	33-926	2nd*	33-973	Original
33-880	Original	33-927	2nd*	33-974	2nd*
33-881	Original	33-928	2nd*	33-975	2nd*
33-882	Original	33-929	2nd*	33-976	Original
33-883	Original	33-930	2nd*	33-977	Original
33-884	Original	33-931	2nd*	33-978	Original
33-885	Original	33-932	2nd*	33-979	Original
33-886	Original	33-933	2nd*	33-980	2nd*
33-887	Original	33-934	Original	33-981	2nd*
33-888	Original	33-935	Original	33-982	2nd*
33-889	Original	33-936	Original	33-983	2nd*
33-890	Original	33-937	Original	33-984	2nd*
33-891	Original	33-938	Original	33-985	Original
33-892	Original	33-939	Original	33-986	Original
33-893	Original	33-940	Original	33-987	Original
33-894	Original	33-941	Original	33-988	Original
33-895	2nd*	33-942	Original	33-989	Original
33-896	2nd*	33-943	Original	33-990	Original
33-897	2nd*	33-944	Original	33-991	Original
33-898	2nd*	33-945	Original	33-992	Original

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33-993	Original	33-1039	2nd	33-1085	2nd
33-994	Original	33-1040	2nd	33-1086	2nd
33-995	Original	33-1041	2nd	33-1087	2nd
33-996	Original	33-1042	2nd	33-1088	2nd
33-997	Original	33-1043	2nd	33-1089	2nd
33-998	Original	33-1044	2nd	33-1090	Original
33-999	2nd	33-1045	2nd	33-1091	Original
33-1000	Original	33-1046	2nd	33-1092	Original
33-1001	Original	33-1047	2nd	33-1093	2nd
33-1002	2nd	33-1048	2nd	33-1094	2nd
33-1003	3rd*	33-1049	2nd	33-1095	2nd
33-1004	2nd	33-1050	2nd	33-1096	Original
33-1005	Original	33-1051	2nd	33-1097	2nd
33-1006	Original	33-1052	2nd	33-1098	Original
33-1007	2nd	33-1053	2nd	33-1099	2nd
33-1008	2nd	33-1054	2nd	33-1100	2nd
33-1009	2nd	33-1055	2nd	33-1101	Original
33-1010	Original	33-1056	2nd	33-1102	Original
33-1011	Original	33-1057	2nd	33-1103	Original
33-1012	Original	33-1058	2nd	33-1104	Original
33-1013	Original	33-1059	Original	33-1105	2nd
33-1014	Original	33-1060	Original	33-1106	2nd
33-1015	Original	33-1061	Original	33-1107	2nd
33-1016	Original	33-1062	Original	33-1108	2nd
33-1017	Original	33-1063	2nd	33-1109	2nd
33-1018	Original	33-1064	2nd	33-1110	2nd
33-1019	Original	33-1065	2nd	33-1111	2nd
33-1020	Original	33-1066	2nd	33-1112	2nd
33-1021	2nd	33-1067	2nd	33-1113	2nd
33-1022	Original	33-1068	2nd	33-1114	2nd
33-1023	Original	33-1069	2nd	33-1115	2nd
33-1024	Original	33-1070	Original	33-1116	2nd
33-1025	Original	33-1071	Original	33-1117	2nd
33-1026	Original	33-1072	Original	33-1118	2nd
33-1027	Original	33-1073	Original	33-1119	2nd
33-1028	Original	33-1074	Original	33-1120	Original
33-1029	Original	33-1075	Original	33-1121	Original
33-1030	Original	33-1076	2nd	33-1122	Original
33-1031	Original	33-1077	2nd	33-1123	Original
33-1032	Original	33-1078	2nd	33-1124	Original
33-1033	Original	33-1079	2nd	33-1125	Original
33-1034	Original	33-1080	2nd	33-1126	Original
33-1035	Original	33-1081	2nd	33-1127	Original
33-1036	2nd	33-1082	2nd	33-1128	Original
33-1037	2nd	33-1083	2nd	33-1129	Original
33-1038	2nd	33-1084	2nd	33-1130	Original

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33-1131	Original	33-1178	2nd	33-1225	Original
33-1132	Original	33-1179	Original	33-1226	Original
33-1133	Original	33-1180	2nd	33-1227	Original
33-1134	Original	33-1181	Original	33-1228	Original
33-1135	Original	33-1182	Original	33-1229	Original
33-1136	Original	33-1183	2nd	33-1230	Original
33-1137	Original	33-1184	2nd	33-1231	Original
33-1138	Original	33-1185	2nd	33-1232	Original
33-1139	Original	33-1186	2nd	33-1233	Original
33-1140	Original	33-1187	2nd	33-1234	Original
33-1141	2nd	33-1188	2nd	33-1235	Original
33-1142	2nd	33-1189	2nd	33-1236	Original
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33-1148	2nd	33-1195	2nd	33-1242	Original
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33-1153	2nd	33-1200	2nd	33-1247	Original
33-1154	2nd	33-1201	2nd	33-1248	Original
33-1155	2nd	33-1202	2nd	33-1249	1st
33-1156	2nd	33-1203	2nd	33-1250	Original
33-1157	2nd	33-1204	2nd	33-1251	1st
33-1158	2nd	33-1205	2nd	33-1252	Original
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33-1161	2nd	33-1208	2nd	33-1255	Original
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33-1163	2nd	33-1210	2nd	33-1257	Original
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33-1165	2nd	33-1212	2nd	33-1259	Original
33-1166	2nd	33-1213	2nd	33-1260	Original
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33-1168	2nd	33-1215	Original	33-1262	Original
33-1169	2nd	33-1216	Original	33-1263	Original
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33-1172	2nd	33-1219	Original	33-1266	Original
33-1173	Original	33-1220	Original	33-1267	Original
33-1174	2nd	33-1221	Original	33-1268	Original*
33-1175	2nd	33-1222	Original	33-1269	Original*
33-1176	2nd	33-1223	Original	33-1270	Original*
33-1177	2nd	33-1224	Original	33-1271	Original*

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33-1272	Original	33-1320	Original		33-1368	Original
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33-1274	Original	33-1322	Original		33-1370	Original
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33-1276	Original	33-1324	Original		33-1372	Original
33-1277	Original	33-1325	Original		33-1373	Original
33-1278	Original	33-1326	Original		33-1374	Original
33-1279	Original	33-1327	Original		33-1375	1st
33-1280	Original	33-1328	Original		33-1376	Original
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33-1282	Original	33-1330	Original		33-1378	Original
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33-1290	Original	33-1338	Original		33-1386	Original
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33-1311	Original	33-1360	Original		33-1408	Original*
33-1312	Original	33-1361	Original		33-1409	Original*
33-1313	Original	33-1362	Original		33-1410	Original*
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33-1315 33-1316	Original	33-1363 33-1364	Original		33-1411 33-1412	Original*
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33-1317	Original	33-1365	Original		33-1413 33-1414	Original*
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<u>Page</u>	Number of Revision Except as Indicated	<u>Page</u>	Number of Revision Except as Indicated	<u>Page</u>	Number of Revision Except as Indicated
33-1416	Original	33-1463	Original	33-1510	Original
33-1417	Original	33-1464	Original	33-1511	Original
33-1418	Original	33-1465	Original	33-1512	Original
33-1419	Original	33-1466	Original	33-1513	Original
33-1420	Original	33-1467	Original	33-1514	Original
33-1421	Original	33-1468	Original	33-1515	Original
33-1422	Original	33-1469	Original	33-1516	Original
33-1423	Original	33-1470	Original	33-1517	Original
33-1424	Original	33-1471	Original	33-1517	1st*
33-1425	Original	33-1472	Original	33-1519	1st*
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33-1427	Original	33-1474	Original	33-1521	1st*
33-1427	Original	33-1474	Original	33-1521	1st*
33-1429	Original		Original		1st*
	Original	33-1476 33-1477	Original	33-1523	1st*
33-1430	Original		Original	33-1524	
33-1431	_	33-1478	_	33-1525	1st*
33-1432	Original	33-1479	Original	33-1526	1st*
33-1433	Original	33-1480	Original	33-1527	1st*
33-1434	Original	33-1481	Original	33-1528	1st*
33-1435	Original	33-1482	1st*	33-1529	1st*
33-1436	Original	33-1483	1st*	33-1530	1st*
33-1437	Original	33-1484	1st*	33-1531	1st*
33-1438	Original	33-1485	1st*	33-1532	1st*
33-1439	Original	33-1486	1st*	33-1533	1st*
33-1440	Original	33-1487	1st*	33-1534	1st*
33-1441	Original	33-1488	1st*	33-1535	1st*
33-1442	Original	33-1489	1st*	33-1536	1st*
33-1443	Original	33-1490	Original	33-1537	1st*
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33-1451	Original	33-1498	Original	33-1545	Original
33-1452	Original	33-1499	Original	33-1546	Original
33-1453	Original	33-1500	Original	33-1547	Original
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33-1455	Original	33-1502	Original	33-1549	Original
33-1456	Original	33-1503	Original	33-1550	Original
33-1457	Original	33-1504	Original	33-1551	Original
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33-1459	Original	33-1506	Original	33-1553	Original
33-1460	Original	33-1507	Original	33-1554	Original
33-1461	Original	33-1508	Original	33-1555	Original
33-1462	Original	33-1509	Original	33-1556	Original
,	<u> </u>		-	33-1557	Original
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Indicated   Indicated   Original   33-1656   Original   33-1659   Original   33-1659   Original   33-1650   Original   33-1660   Orig						
33-1558		=		=		_
33-1559	33-1558		33-1606		33-1654	
33-1560 Original 33-1608 Original 33-1656 Original 33-1561 Original 33-1650 Original 33-1660 Original 33-1660 Original 33-1565 Original 33-1660 Original 33-1660 Original 33-1660 Original 33-1566 Original 33-1660 Original 33-1660 Original 33-1566 Original 33-1660 Original 33-1660 Original 33-1660 Original 33-1566 Original 33-1661 Ist 33-1662 Original 33-1569 Original 33-1615 Ist 33-1663 Original 33-1569 Original 33-1616 Ist 33-1665 Original 33-1570 Original 33-1618 Ist 33-1665 Original 33-1570 Original 33-1618 Ist 33-1666 Original 33-1571 Original 33-1619 Ist 33-1666 Original 33-1572 Original 33-1620 Ist 33-1668 Original 33-1573 Original 33-1621 Ist 33-1669 Original 33-1575 Original 33-1621 Ist 33-1669 Original 33-1575 Original 33-1621 Ist 33-1669 Original 33-1575 Original 33-1621 Ist 33-1667 Original 33-1576 Original 33-1623 Ist 33-1670 Original 33-1576 Original 33-1624 Ist 33-1670 Original 33-1579 Original 33-1624 Ist 33-1670 Original 33-1579 Original 33-1624 Ist 33-1670 Original 33-1579 Original 33-1625 Ist 33-1670 Original 33-1580 Original 33-1629 Ist 33-1670 Original 33-1580 Original 33-1629 Ist 33-1670 Original 33-1580 Original 33-1629 Ist 33-1670 Original 33-1580 Original 33-1630 Ist 33-1678 Original 33-1580 Original 33-1630 Ist 33-1678 Original 33-1580 Original 33-1631 Ist 33-1680 Original 33-1630 Ist 33-1680 Original 33-1580 Original 33-1630 Ist 33-1680 Original 33-1580 Original 33-1630 Ist 33-1680 Original 33-1680 Original 33-1580 Original 33-1630 Ist 33-1680 Original 33-1580 Original 33-1630 Original 33-1630 Original 33-1680 Original 33-1680 Original 33-1690 Original		_		_		=
33-1561		_		_		
33-1562		_		_		=
33-1563		=		_		_
33-1564   Original   33-1612   Original   33-1660   Original   33-1565   Original   33-1613   Original   33-1660   Original   33-1566   Original   33-1567   Original   33-1567   Original   33-1615   Ist   33-1663   Original   33-1568   Original   33-1616   Ist   33-1665   Original   33-1569   Original   33-1617   Ist   33-1665   Original   33-1570   Original   33-1618   Ist   33-1666   Original   33-1570   Original   33-1618   Ist   33-1666   Original   33-1570   Original   33-1619   Ist   33-1666   Original   33-1573   Original   33-1620   Ist   33-1668   Original   33-1573   Original   33-1622   Ist   33-1669   Original   33-1575   Original   33-1622   Ist   33-1670   Original   33-1575   Original   33-1622   Ist   33-1670   Original   33-1575   Original   33-1625   Ist   33-1670   Original   33-1576   Original   33-1625   Ist   33-1671   Original   33-1578   Original   33-1625   Ist   33-1671   Original   33-1578   Original   33-1625   Ist   33-1673   Original   33-1579   Original   33-1626   Ist   33-1674   Original   33-1580   Original   33-1628   Ist   33-1675   Original   33-1628   Ist   33-1676   Original   33-1580   Original   33-1628   Ist   33-1676   Original   33-1580   Original   33-1628   Ist   33-1677   Original   33-1580   Original   33-1628   Ist   33-1677   Original   33-1584   Original   33-1630   Ist   33-1679   Original   33-1584   Original   33-1631   Ist   33-1679   Original   33-1586   Original   33-1631   Ist   33-1680   Original   33-1587   Original   33-1631   Ist   33-1680   Original   33-1690   Original   3		_		=		
33-1565   Original   33-1613   Original   33-1660   Original   33-1566   Original   33-1567   Original   33-1615   1st   33-1663   Original   33-1568   Original   33-1616   1st   33-1664   Original   33-1569   Original   33-1616   1st   33-1664   Original   33-1569   Original   33-1618   1st   33-1666   Original   33-1570   Original   33-1618   1st   33-1666   Original   33-1571   Original   33-1618   1st   33-1666   Original   33-1571   Original   33-1620   1st   33-1669   Original   33-1573   Original   33-1621   1st   33-1669   Original   33-1574   Original   33-1621   1st   33-1669   Original   33-1575   Original   33-1622   1st   33-1670   Original   33-1575   Original   33-1624   1st   33-1670   Original   33-1576   Original   33-1624   1st   33-1670   Original   33-1576   Original   33-1624   1st   33-1673   Original   33-1578   Original   33-1626   1st   33-1673   Original   33-1578   Original   33-1627   1st   33-1673   Original   33-1579   Original   33-1627   1st   33-1675   Original   33-1580   Original   33-1629   1st   33-1676   Original   33-1580   Original   33-1629   1st   33-1677   Original   33-1580   Original   33-1629   1st   33-1678   Original   33-1630   1st   33-1678   Original   33-1580   Original   33-1630   1st   33-1678   Original   33-1580   Original   33-1631   1st   33-1679   Original   33-1630   1st   33-1680   Original   33-1580   Original   33-1631   1st   33-1680   Original   33-1690   Origin						
33-1566   Original   33-1614   1st   33-1662   Original   33-1567   Original   33-1616   1st   33-1663   Original   33-1568   Original   33-1616   1st   33-1666   Original   33-1569   Original   33-1617   1st   33-1665   Original   33-1570   Original   33-1618   1st   33-1666   Original   33-1571   Original   33-1619   1st   33-1666   Original   33-1572   Original   33-1620   1st   33-1668   Original   33-1573   Original   33-1621   1st   33-1669   Original   33-1574   Original   33-1621   1st   33-1670   Original   33-1575   Original   33-1622   1st   33-1670   Original   33-1575   Original   33-1623   1st   33-1671   Original   33-1575   Original   33-1624   1st   33-1672   Original   33-1577   Original   33-1624   1st   33-1673   Original   33-1579   Original   33-1624   1st   33-1673   Original   33-1579   Original   33-1626   1st   33-1673   Original   33-1579   Original   33-1627   1st   33-1677   Original   33-1580   Original   33-1627   1st   33-1676   Original   33-1580   Original   33-1628   1st   33-1676   Original   33-1580   Original   33-1629   1st   33-1677   Original   33-1580   Original   33-1630   1st   33-1679   Original   33-1580   Original   33-1631   1st   33-1680   Original   33-1585   Original   33-1631   1st   33-1680   Original   33-1585   Original   33-1631   1st   33-1680   Original   33-1587   Original   33-1631   1st   33-1680   Original   33-1589   Original   33-1631   1st   33-1680   Original   33-1635   1st   33-1680   Original   33-1635   Original   33-1637   Original   33-1687   Original   33-1699   Original   33-1699   Original   33-1640   Original   33-1689   Original   33-1699   Original   33-1640   Original   33-1690   O		_				
33-1567   Original   33-1615   1st   33-1664   Original   33-1569   Original   33-1616   1st   33-1664   Original   33-1590   Original   33-1617   1st   33-1666   Original   33-1570   Original   33-1618   1st   33-1666   Original   33-1571   Original   33-1619   1st   33-1667   Original   33-1571   Original   33-1620   1st   33-1669   Original   33-1573   Original   33-1621   1st   33-1669   Original   33-1574   Original   33-1621   1st   33-1669   Original   33-1575   Original   33-1622   1st   33-1670   Original   33-1575   Original   33-1624   1st   33-1670   Original   33-1576   Original   33-1624   1st   33-1671   Original   33-1576   Original   33-1625   1st   33-1672   Original   33-1578   Original   33-1625   1st   33-1673   Original   33-1579   Original   33-1626   1st   33-1674   Original   33-1580   Original   33-1628   1st   33-1675   Original   33-1580   Original   33-1629   1st   33-1676   Original   33-1581   Original   33-1630   1st   33-1677   Original   33-1580   Original   33-1630   1st   33-1679   Original   33-1580   Original   33-1631   1st   33-1680   Original   33-1631   1st   33-1680   Original   33-1630   1st   33-1680   Original   33-1630   1st   33-1680   Original   33-1690   O		_		-		=
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33-1573         Original         33-1621         1st         33-1669         Original           33-1574         Original         33-1622         1st         33-1670         Original           33-1575         Original         33-1623         1st         33-1671         Original           33-1576         Original         33-1624         1st         33-1672         Original           33-1577         Original         33-1626         1st         33-1674         Original           33-1578         Original         33-1626         1st         33-1675         Original           33-1580         Original         33-1628         1st         33-1676         Original           33-1581         Original         33-1628         1st         33-1676         Original           33-1581         Original         33-1629         1st         33-1677         Original           33-1582         Original         33-1630         1st         33-1679         Original           33-1583         Original         33-1631         1st         33-1680         Original           33-1584         Original         33-1632         1st         33-1680         Original           33-1585						
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Certain material on this page, originally filed in Pacific Bell Tariff FCC No. 128 under Transmittal No. 2102, was scheduled to become effective April 6, 2000. Certain material on this page was deferred to April 20, 2000 under Transmittal No. 2107. Certain material on this page was further deferred to May 20, 2000 under Transmittal No. 2109.

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(x) Issued under authority of Special Permission No. 11-003 of the FCC in order to withdraw material filed under Transmittal No. 445 without its becoming effective and to restore currently effective material.

Subtending End Office of an Access Tandem

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Issued: March 17, 2011 Effective: March 18, 2011

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<sup>(1)</sup> Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at www.att.com/guidebook.

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			(	M)

(1) As of October 6, 2004, X.25 and X.75 protocols are obsolete and limited to existing installations, at existing locations, for existing customers.

(M) (M)

(N)

(M)

(M)

Certain material previously found on this page can now be found on 2nd Revised Page 7.1.

Certain material on this page formerly appeared on 1st Revised Page 7.1.

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Issued: April 26, 2006 Effective: April 27, 2006

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 $^{(2)}$  Program Audio is discontinued and no longer available in this publication (N) (see WC Dkt. 19-238). (N)

(This page filed under Transmittal No. 591)

Issued: December 16, 2022 Effective: January 1, 2023

<sup>(1)</sup> Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at www.att.com/guidebook.

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(This page filed under Transmittal No. 591 )

Issued: December 16, 2022 Effective: January 1, 2023

<sup>(1)</sup> Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at <a href="https://www.att.com/guidebook">www.att.com/guidebook</a>.

<sup>(2)</sup> Program Audio is discontinued and no longer available in this publication (N) (see WC Dkt. 19-238). (N)

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(This page filed under Transmittal No. 385)

Issued: January 24, 2008 Effective: February 8, 2008

<sup>(1)</sup> Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at www.att.com/guidebook.

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(This page filed under Transmittal No. 464)

Issued: April 18, 2012 Effective: May 3, 2012

<sup>(1)</sup> Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at www.att.com/guidebook.

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Issued: January 24, 2008 Effective: February 8, 2008

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(This page filed under Transmittal No. 516)

Issued: November 6, 2014 Effective: November 21, 2014

<sup>(1)</sup> Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at www.att.com/guidebook.

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(This page filed under Transmittal No. 385 )

Issued: January 24, 2008 Effective: February 8, 2008

<sup>(1)</sup> Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at www.att.com/guidebook.

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Issued: September 25, 2008 Effective: September 26, 2008

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Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at www.att.com/guidebook.

(This page filed under Transmittal No. 565 )

Issued: December 5, 2018 Effective: December 6, 2018

#### CONCURRING CARRIERS

No Concurring Carriers

# CONNECTING CARRIERS

None

#### OTHER PARTICIPATING CARRIERS

None

# TRADEMARKS AND SERVICE MARKS

(T) (D) (N)

(N)

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# ACCESS SERVICE

# EXPLANATION OF SYMBOLS

С -To signify changed regulation D -To signify discontinued rate or regulation -To signify increase Ι -To signify matter relocated without change Μ -To signify new rate or regulation Ν -To signify reduction R S -To signify reissued matter Τ To signify a change in text but no change in rate or regulation -To signify a correction

# EXPLANATION OF ABBREVIATIONS

ABVS ac ALA AML ANI AOS AP ATA-950 ATA-101XXX	-Advanced Broadcast Video Service -alternating current -Access Line Arrangement -Actual Measured Loss -Automatic Number Identification -Area of Service -Program Audio(1) -Access Trunk with 950 Dialing Arrangement X-Access Trunk with 101XXXXX Dialing Arrangement
AT&T ATP AVS BHMC	<ul> <li>American Telephone and Telegraph Company</li> <li>Access Transport Parameter</li> <li>Advanced Video Service</li> <li>Busy Hour Minutes of Capacity</li> </ul>
BSE BTN	- Basic Service Element -Billing Telephone Number
CCC CCITT	-Clear Channel Capability -Consultive Committee on International Telegraphy and Telephony
CCLC	-Carrier Common Line Charge
CCS	-Common Channel Signaling
CIC	-Carrier Identification Code
CIP	-Carrier Identification Parameter
CN	-Charge Number
CNCC	-Customer Network Control Center
COCTX	-Central Office Centrex
Cont'd	-Continued
CPN	-Calling Party Number
CSACC	-Customer Service Administration Control Center
CSP	-Carrier Selection Parameter
Ctx	-Centrex

(1)	Program	Audio	is	discontinued	and	no	longer	available	in	this	publication	(N)
	(see WC	Dkt.	19 - 2	238).								(N)

(This page filed under Transmittal No. 591 )

Issued: December 16, 2022 Effective: January 1, 2023

TARIFF F.C.C. NO. 1 1st Revised Page 25 CANCELS Original Page 25

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#### ACCESS SERVICE

# EXPLANATION OF ABBREVIATIONS (CONT'D)

DA - Digital Data Access

db - decibel

dBrnCO - Decibel Reference Noise C-Message Weighted O

dc - direct current

DCE - Data Circuit Equipment

DID - Direct Inward Dial

DLCI - Data Link Connection Identifier

DN - Directory Number
DNA - Data Network Address

DNAL - Dedicated Network Access Link
DTE - Data Terminating Equipment
DTT - Direct Trunked Transport

ECSA - Exchange Carriers Standards Association, Inc.

EF - Entrance Facility

EIS - Expanded Interconnection Service

EISCC - Expanded Interconnection Service Cross Connection

EML - Expected Measured Loss
EUCL - End User Common Line

ESS - Electronic Switching System

ESSX - Electronic Switching System Exchange

f - frequency

F.C.C. - Federal Communications Commission

FX - Foreign Exchange

GDTS - Generic Digital Transport Service

HC - High Capacity

Hz - Hertz

IAR - Information Access Rate
IC - Interstate Customer
ICB - Individual Case Basis
kbps - kilobits per second

kHz - kilohertz

LATA - Local Access and Transport Area

LDMTS - Long Distance Message Telecommunications Service(s)

LI - Lineside Interface
LRN - Location Routing Number
LSP - Local Service Provider

Ma - milliamperes

Mbps - Megabits per second MBS - Maximum Burst Size

#### EXPLANATION OF ABBREVIATIONS

MECAB - Multiple Exchange Carrier Access Billing MECOD - Multiple Exchange Carrier Ordering and Design - Multi Frequency - Megahertz MHz - Minutes of Use MOII MRC - Monthly Recurring Charge - Metropolitan Statistical Area MSA - Metallic - Nonrecurring Charge NRC NTE - Network Terminating Equipment NTS - Non-Traffic Sensitive - Three Digit Central Office Code NXX OFNR - Optical Fiber Nonconductive Riser rated cable - Occupational Safety and Health Act OSHA - Private Branch Exchange PBX - Pulse Code Modulation PCM - Priority Installation - Primary Interexchange Carrier PIC PLR - Private Line Ringdown Public Packet Switching<sup>(1)</sup> PPS - Priority Restoration - root-mean-square rms RSMS/NPAC - Regional Service Management System/Number Portability Administration Center - Service Management System SMS - Service Provider Number Portability SPNP SPOI - Signaling Point of Interface - Switched Service Network - Service Switching Point SSP - Signaling System Seven SS7 STE - Signaling Terminal Equipment STP - Signaling Transfer Point - Serving Wire Center SWC TES - Telephone Exchange Service(s) ΤG - Telegraph Grade - Trunkside Interface TT - Transmission Level Point TLP TNS - Transit Network Selection TPP - Term Pricing Plan - Telecommunications Service Priority TSP

(1) As of October 6, 2004, PPS Interface Arrangement service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.

(This page filed under Transmittal No. 170 )

Issued: September 21, 2004 Effective: October 6, 2004

# EXPLANATION OF ABBREVIATIONS (Cont'd)

TSPS - Traffic Service Position System

TST - Tandem Switched Transport

TV - Television

USOC - Uniform Service Order Code

VCC - Virtual Channel Connection

VG - Voice Grade

V & H - Vertical & Horizontal VPC - Virtual Path Connection

(D)

WATS - Wide Area Telecommunications Service(s)

(D)

WTN - Working Telephone Number

#### REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

#### EXPLANATION OF ABBREVIATIONS

ICB - Individual Case Basis
kbps - kilobits per second

kHz - kilohertz

LATA - Local Access and Transport Area

LDMTS - Long Distance Message Telecommunications Service(s)

Ma - milliamperes

Mbps - Megabits per second

MECAB - Multiple Exchange Carrier Access Billing
MECOD - Multiple Exchange Carrier Ordering and Design

MHz - Megahertz MOU - Minutes of Use

MRC - Monthly Recurring Charge

MT - Metallic

NPA - Numbering Plan Area
NRC - Nonrecurring Charge
NTS - Non-Traffic Sensitive

NXX - Three Digit Central Office Code

PBX - Private Branch Exchange
PCM - Pulse Code Modulation
PI - Priority Installation
PLR - Private Line Ringdown
PPS - Public Packet Switching(1)
PR - Priority Restoration

rms - root-mean-square

SPOI - Signaling Point of Interface
SSN - Switched Service Network

SS7 - Signaling System Seven

STE - Signaling Terminal Equipment STP - Signaling Transfer Point

SWC - Serving Wire Center

TES - Telephone Exchange Service(s)

TG - Telegraph Grade

TLP - Transmission Level Point

TSP - Telecommunications Service Priority
TSPS - Traffic Service Position System

TV - Television

USOC - Uniform Service Order Code

VG - Voice Grade

V & H - Vertical & Horizontal

WATS - Wide Area Telecommunications Service(s)

(D)

#### REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments there to and successive issues thereof.

(1)As of October 6, 2004, PPS Interface Arrangement service utilizing the  $\rm X.25$  protocol and the  $\rm X.75$  protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.

(This page filed under Transmittal No. 514)

Issued: October 28, 2014 Effective: November 12, 2014

# REFERENCE TO OTHER PUBLICATIONS

The following technical publications are referenced in this tariff and may be obtained from Literary Data Center, Inc., G.P.O. Box 9014, Brooklyn, N.Y. 11202:

Compatibility Bulletin 106, Issue 2

Issued: December, 1981 Available: March 11, 1982

Technical Reference:

PUB 41451

Issued: January, 1983 Available: May 17, 1983

PUB 60101

Issued: December, 1982 Available: January 17, 1983

PUB 41004

Issued: October, 1973 Available: October, 1973

# REFERENCE TO OTHER PUBLICATIONS (Cont'd)

PUB 62507

Available: March 15, 1984 Issued: December, 1983

PUB 62508

Issued: December, 1983 Available: January, 1984

PUB AS No. 1

This publication contains abstracts from various interstate tariffs relating to interconnection of facilities and equipment to Telephone Company services. This publication will be available for review on or about April 3, 1984, in Telephone Company offices where interstate tariffs are posted.

The following technical publication is referenced in this tariff and may be obtained from the Bell System Center for Technical Education, Room F214, 6200 Route 53, Lisle, IL 60532.

Telecommunications Transmission Engineering Volume 3 - Networks and Services (Chapters 6 and 7) Second Edition, 1980

Issued: June 1980

Available: June, 1980

The following Technical Publication is referenced in this tariff and may be obtained from the National Exchange Carrier Association, Inc., Group Manager - Tariff Administration, 100 S. Jefferson Road, Whippany, NJ 07981 and the Federal Communications Commercial Contractor.

PUB AS No. 1

Issued: March, 1984 Available: April, 1984

The following technical publication is referenced in this tariff and may be obtained from AT&T Development Manager, 295 North Maple Avenue, Room 6348G2, Baskinridge, NJ 07920.

Technical Reference:

TR 41454

Issued: December, 1988 Available: December, 1988

### REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following technical publications are referenced in this tariff and may be obtained from: Bell Communications Research, Inc., Information Operations Center,

60 New England Ave., Piscataway, NJ 08854-4196.

#### Technical Reference:

TR-NWT-000063

Issued: July, 1991

Effective: July, 1991

TR-NWT-000334

Issued: March 22, 1991

Effective: May 8, 1987

TR-TSY-000335

Issued: January, 1986 Available: November, 1987

TR-NPL-000336
Issued: October, 1987
Available: December, 1987

TR-NPL-000337
Issued: July, 1987
Available: July, 1987

TR-NPL-000339

<u>Issued: October</u>, 1987 Available: December, 1987

TR-NPL-000340
Issued: October, 1987
Available: December, 1987

TR-TSV-000905
Issued: July, 1989
Available: July, 1989

TR-NWT-000938

Issued: August, 1990 Available: August, 1990

TR-TSV-000962
Issued: September, 1990
Available: September, 1990

(This page filed under Transmittal No. 1)

# REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following technical publications are referenced in this tariff and may be obtained from: Bell Communications Research Inc., Information Operations Center, 60 New England., Piscataway, NJ 08854-4196.

### Technical Reference:

Local Exchange Routing Guide (LERG)

TR-EOP-000089

Issued: March, 1997 Available: March, 1997

Local Number Portability Capability

Specification GR-2936, Issue 2

Issued: December, 1996 Available: December, 1996

(N)

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# REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following technical publications are referenced in this tariff and may be obtained from: Bell Communications Research, Inc., Information Operations Center, 60 New England Ave., Piscataway, NJ 08854-4196.

#### Technical Reference:

TR-NWT-001089

Issued: October, 1991Available: October, 1991

GR-3334-CORE

Issued: November, 1994Available: November, 1994

GR-317-CORE, Issue 7

Issued: December, 2003 Available: December, 2003

GR-338-CORE

Issued: December, 1995Available: December, 1995

GR-394-CORE, Issue 7

Issued: December, 2003Available: December, 2003

GR-905-CORE

Issued: March, 1995Available: March, 1995

The following technical publications are referenced in this tariff and may be obtained from: Telcordia Technologies, Customer Service, Piscataway, NJ 08854-4156.

Technical Reference:

GR-3697-CORE

Issued: March, 2003Available: March, 2003

GR-866-CORE, Revision 1

Issued: February, 1999Available: February, 1999

(This page filed under Transmittal No. 285 )

Issued: April 26, 2006 Effective: April 27, 2006

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#### ACCESS SERVICE

# REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following technical publications may be obtained from the SBC Helpdesk

and Document Center at (517)788-6872.

PUB L-780077-PB

Issued: March, 1990 Available: March, 1990

PUB L-780085-PB

Issued: April, 1991 Available: April, 1991

PUB L-780023-PB/NB

Issued: September, 1992 Available: September,

1992

PUB L-780080-PB/NB

Issued: October, 1992 Available: October, 1992

PUB L-780074-PB/NB

Issued: December, 1989 Available: December,

1989

PUB L-720026-PB/NB

Available: August, 1998 Issued: August, 1998

PUB L-780090-PB/NB

Issued: August, 1992 Available: August, 1992

PUB L-780030-PB/NB

Issued: January, 1989 Available: January,

1989

PUB L-780035-PB/NB

Issued: January, 1989 Available: January,

1989

PUB L-780036-PB/NB

Issued: January, 1989 Available: January,

1989

PUB L-780037-PB/NB

Issued: January, 1989 Available: January,

1989

PUB L-780059-PB/NB

Issued: July, 1994 Available: August, 1994

(This page filed under Transmittal No. 376)

Issued: September 20, 2007 Effective: October 5, 2007

# REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following technical publications may be obtained from the SBC Helpdesk and Document Center at (517)788-6872.

(T) (T)

 $\frac{\text{PUB L-780046-PB/NV}}{\text{to be issued March, 1995}}$ 

Available: March, 1995

(This page filed under Transmittal No. 181 )

Issued: November 19, 2004 Effective: December 4, 2004

# REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from: Pacific Bell, Collocation Services Product Management, 2600 Camino Ramon, Room 2S453, San Ramon, CA 94583.

Issued: November, 1992 Available: November, 1992

(S)

This page, originally filed in Pacific Bell Tariff FCC No. 128 under Transmittal No. 2102, was scheduled to become effective April 6, 2000. This page was deferred to April 20, 2000 under Transmittal No. 2107. This page was further deferred to May 20, 2000 under Transmittal No. 2109.

(This page filed under Transmittal No. 1 )

Issued: April 27, 2000 Effective: May 12, 2000

# REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following technical publications are referenced in this tariff and may be obtained from Assistant Manager - Technical Information Release Management (TIRM) at (847) 248-4328, Ameritech Services, Inc., Room 3A09F, 2000 W. Ameritech Center Drive, Hoffman Estates, Illinois 60196-1025.

# Technical Reference:

AM TR-TMO-000101

Issued: August, 1995 Available: August, 1995

AM TR-NIS-000111

Issued: February, 1999 Available: August, 1999 (Dx)

(Dx)

(Sy) (Sy)

SBC-TP-76412-000

Issued: March, 2003 Available: March, 2003

(Nx) (Nx)

TP-76200MP

Issued: October, 2003 Available: October, 2003

The following technical publications are referenced in this tariff and may be obtained from American National Standard Institute, 11 West 42nd St., New York, N.Y. 10036, Telephone (212) 642-4900 FAX (212) 398-0023 or <a href="https://www.ansi.org">www.ansi.org</a>.

ANSI T1.227-1995, Extension to Generic Network Model for
Interfaces between Operations Systems across Jurisdictional
Boundaries to Support Fault Management
Issued: October, 1995

October, 1995

Available:

ANSI-T1.228-1995 (R1999) Services for Interfaces between

Operations Systems across Jurisdictional Boundaries to Support

Fault Management (Trouble Administration)

Issued: September, 1999 Available:

September, 1999

- (x) Issued under authority of Special Permission No. 03-xxx of the F.C.C.
- (y) Reissued material originally filed under Transmittal No. 137 became effective on November 26, 2003.

(This page filed under Transmittal No. 142)

Issued: December 11, 2003 Effective: December 12, 2003

(Sx)

(Sx)

#### ACCESS SERVICE

#### REFERENCE TO OTHER PUBLICATIONS (Cont'd)

Current issues of the following tariffs may be obtained from the Federal Communications Commission's commercial contractor:

NATIONAL EXCHANGE CARRIER ASSOCIATION INC. TARIFF F.C.C. NOS. 4 and 5

The following publication is available for inspection in the Public Reference Room of the Tariff Division at the main building of the Federal Communications Commission located at 1919 M Street N.W., Washington, D.C., and may be obtained from the Commission's commercial contractor:

CC Docket No. 83-1145, Phase I, Memorandum Opinion and Order (Including Appendices A, B, and C)
Adopted: May 31, 1985 Released: June 12, 1985

The following Ordering and Billing Forum standards are referenced in (T) this tariff and may be obtained from OBF Document Orders, ATIS, 1200 G (T) Street, NW, Suite 500, Washington, DC 20005, Telephone 1-800-387-2199 (T) FAX 202-393-5453 or www.atis.org.

Multiple Exchange Carrier Access Billing (MECAB)
Available: January 1, 1988

Multiple Exchange Carrier Ordering and Design (MECOD)

Available: January 1, 1988

ATIS/OBF-ASR-021

Available: February, 1999

The following Publications are referenced in this tariff and may be obtained

from Superintendent of Documents, Document Control Branch, 941 N. Capital St., N.E., Washington, D.C. 20401:

Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook (NCS Handbook 3-1-2) Available: August 1990

Service User Manual (NCS Manual 3-1-1) Available: August 1990

x Reissued material, originally filed under Transmittal No. 15, became effective August 26, 2000.

(This page filed under Transmittal No. 16)

Issued: August 30, 2000 Effective: September 14, 2000

### REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The Technical Reference can be obtained from:

### http://www.att.com/gen/public-affairs?pid=3181

(T)

or The Telecordia Technologies Research Publication(s) can be obtained from 8 Corporate Place Piscataway, New Jersey 08854

AM TR-NIS-000100, Ameritech LAN Interconnect Service-Token Ring Interface Specifications

Available: March, 2003

AM TR-NIS-000104, Ameritech LAN Interconnect Service -CSMA/CD Interface Specifications

Available: March, 2003

AM-TR-NIS-000111, Ameritech OC-3, OC-12, and OC-48 Service Interface Specifications

Available: March, 2003

AM-TR-TMO-000101, Ameritech Digital Service Transmission Parameters
Available:

March, 2003

AM-TR-TMO-000080, Ameritech Service's Network Channel and Network Channel Interface Codes

Available: March, 2003

AM-TR-NIS-000096, Ameritech Technical Interfaces Specifications

Available: March, 2003

AM-TR-NIS-000107, (ESCON<sup>TM</sup>)

Available: March, 2003

IBM SA22-7202-XX, IBM Documentation (ESCON $^{TM}$ )

IBM SA22-0394-XX

Available:

March, 2003

ANSI X3.T9.3, Fibre Channel (also includes FICON<sup>TM</sup> and ISC<sup>TM</sup>)

ANSI/IEEE 802.3, Fast Ethernet

Available: March, 2003

IEEE 802.3x and z, Gigabit Ethernet

IEEE 802.3ae

IEEE 802.1D

Available: March, 2003

ANSI/SMPTE 259M, D1 Video

Available: March, 2003

(This page filed under Transmittal No. 418 )

Effective: September 2, 2009