

BUSINESS DATA SERVICES ACCESS SERVICE

CHECK SHEET

Title Pages 1 to 10 and Pages 1 to 7-104.11 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date hereof.

(T)

<u>Page</u>	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>
Title 1	1st	10	2nd	7-2.16	Original
Title 2	4th	11	1st	7-2.17	Original
Title 3	2nd	12	Original	7-2.18	Original
Title 4	1st	1-1	1st	7-2.19	1st
Title 5	1st	2-1	Original	7-2.20	1st
Title 6	2nd *	3-1	1st	7-2.21	Original
Title 7	4th *	4-1	Original	7-2.22	Original
Title 8	2nd	4-2	1st	7-2.23	Original
Title 9	4th	5-1	Original	7-2.24	Original
Title 10	Original	6-1	1st	7-2.25	Original
1	9th *	7-1	1st	7-2.26	Original
1.1	6th *	7-1.1	1st	7-2.27	Original
1.2	6th *	7-1.2	Original	7-2.28	Original
1.3	7th *	7-1.3	1st	7-2.29	Original
1.4	2nd *	7-1.4	1st	7-3	1st
1.5	4th *	7-1.5	Original	7-3.1	1st
1.6	4th *	7-1.6	1st	7-3.2	Original
1.7	4th *	7-1.7	1st	7-3.3	1st
1.8	4th *	7-1.8	1st	7-3.4	1st
1.9	2nd *	7-1.9	1st	7-3.5	Original
1.10	4th *	7-1.10	1st	7-3.6	1st
1.11	4th *	7-1.11	1st	7-3.7	Original
1.12	5th *	7-2	Original	7-3.8	2nd
1.13	4th *	7-2.1	Original	7-3.9	1st
1.14	5th *	7-2.2	Original	7-3.10	1st
1.15	5th *	7-2.3	Original	7-3.11	1st
1.16	5th *	7-2.4	Original	7-3.12	1st
1.17	Original *				
2	1st	7-2.5	Original	7-3.13	1st
3	2nd	7-2.6	Original	7-3.14	1st
3.1	Original	7-2.7	Original	7-3.15	1st
3.2	4th *	7-2.8	Original	7-3.16	1st
4	2nd	7-2.9	Original	7-3.17	1st
4.1	Original	7-2.10	Original	7-3.18	1st
4.2	3rd	7-2.11	Original	7-3.19	2nd
5	4th	7-2.12	Original		
6	3rd	7-2.13	Original		
7	2nd	7-2.14	Original		
8	2nd	7-2.15	Original		
9	2nd				

* New or revised page.

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7-3.20	2nd	7-6.6	2nd	7-9.8	1st
7-3.21	1st	7-6.7	2nd	7-9.9	1st
7-3.22	1st	7-6.8	2nd	7-9.10	1st
7-3.23	1st	7-6.9	2nd	7-9.11	1st
7-3.24	1st	7-6.10	2nd	7-9.12	1st
7-3.25	1st	7-6.11	2nd	7-9.13	1st
7-3.26	1st	7-7	2nd	7-9.14	1st
7-3.27	1st	7-7.1	3rd	7-9.15	1st
7-3.28	1st	7-7.2	1st	7-9.16	1st
7-3.29	1st	7-7.3	Original	7-9.17	1st
7-4	1st	7-7.4	2nd	7-9.18	1st
7-4.1	2nd	7-7.5	Original	7-9.19	1st
7-4.2	Original	7-7.6	4th	7-9.20	1st
7-4.3	1st	7-7.7	2nd	7-9.21	1st
7-4.4	2nd	7-7.8	2nd	7-9.22	1st
7-4.5	Original	7-7.9	2nd	7-9.23	1st
7-4.6	2nd	7-7.10	2nd	7-9.24	1st
7-4.7	1st	7-7.11	2nd	7-9.25	1st
7-4.8	2nd	7-8	2nd	7-9.26	1st
7-4.9	1st	7-8.1	2nd	7-9.27	1st
7-4.10	1st	7-8.2	Original	7-9.28	1st
7-4.11	1st	7-8.3	Original	7-9.29	1st
7-5	4th	7-8.4	2nd	7-10	2nd
7-5.1	2nd	7-8.5	Original	7-10.1	2nd
7-5.2	Original	7-8.6	2nd	7-10.2	Original
7-5.3	2nd	7-8.7	2nd	7-10.3	2nd
7-5.4	3rd	7-8.8	2nd	7-10.4	2nd
7-5.5	Original	7-8.9	2nd	7-10.5	Original
7-5.6	3rd	7-8.10	2nd	7-10.6	4th
7-5.7	2nd	7-8.11	2nd	7-10.7	2nd
7-5.8	2nd	7-9	1st	7-10.8	2nd
7-5.9	2nd	7-9.1	1st	7-10.9	1st
7-5.10	2nd	7-9.2	Original	7-10.10	1st
7-5.11	2nd	7-9.3	1st	7-10.11	1st
7-6	2nd	7-9.4	1st	7-11	2nd
7-6.1	2nd	7-9.5	Original	7-11.1	2nd
7-6.2	Original	7-9.6	3rd	7-11.2	Original
7-6.3	Original	7-9.7	1st	7-11.3	2nd
7-6.4	2nd				
7-6.5	Original				

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7-11.4	2nd	7-14.7	2nd	7-17.7	3rd
7-11.5	Original	7-14.8	4th	7-17.8	1st
7-11.6	2nd	7-14.9	2nd	7-17.9	1st
7-11.7	2nd	7-14.10	2nd	7-17.10	1st
7-11.8	2nd	7-14.11	2nd	7-17.11	1st
7-11.9	2nd	7-15	1st	7-18	2nd
7-11.10	2nd	7-15.1	2nd	7-18.1	2nd
7-11.11	2nd	7-15.2	Original	7-18.2	1st
7-12	2nd	7-15.3	1st	7-18.3	2nd
7-12.1	2nd	7-15.4	1st	7-18.4	2nd
7-12.2	Original	7-15.5	Original	7-18.5	1st
7-12.3	2nd	7-15.6	2nd	7-18.6	2nd
7-12.4	2nd	7-15.7	1st	7-18.7	2nd
7-12.5	Original	7-15.8	1st	7-18.8	2nd
7-12.6	4th	7-15.9	1st	7-18.9	2nd
7-12.7	2nd	7-15.10	1st	7-18.10	2nd
7-12.8	2nd	7-15.11	1st	7-18.11	2nd
7-12.9	1st	7-16	1st	7-19	1st
7-12.10	2nd	7-16.1	1st	7-19.1	1st
7-12.11	1st	7-16.2	Original	7-19.2	Original
7-13	1st	7-16.3	1st	7-19.3	1st
7-13.1	2nd	7-16.4	1st	7-19.4	1st
7-13.2	Original	7-16.5	Original	7-19.5	Original
7-13.3	1st	7-16.6	1st	7-19.6	2nd
7-13.4	1st	7-16.7	1st	7-19.7	1st
7-13.5	Original	7-16.8	1st	7-19.8	1st
7-13.6	2nd	7-16.9	1st	7-19.9	1st
7-13.7	1st	7-16.10	1st	7-19.10	1st
7-13.8	1st	7-16.11	1st	7-19.11	1st
7-13.9	1st	7-17	3rd	7-20	1st
7-13.10	1st	7-17.1	5th	7-20.1	1st
7-13.11	1st	7-17.2	Original	7-20.2	Original
7-14	2nd	7-17.3	2nd	7-20.3	1st
7-14.1	4th	7-17.4	3rd	7-20.4	1st
7-14.2	Original	7-17.5	3rd	7-20.5	Original
7-14.3	2nd	7-17.6	5th	7-20.6	2nd
7-14.4	4th				
7-14.5	4th				
7-14.6	4th				

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7-20.7	1st	7-23.7	1st	7-25.1	1st
7-20.8	1st	7-23.8	1st	7-25.2	Original
7-20.9	1st	7-23.9	1st	7-25.3	1st
7-20.10	1st	7-23.10	1st	7-25.4	1st
7-20.11	1st	7-23.11	1st	7-25.5	Original
7-21	2nd	7-23.12	1st	7-25.6	2nd
7-21.1	2nd	7-23.13	1st	7-25.7	1st
7-21.2	Original	7-23.14	1st	7-25.8	2nd
7-21.3	2nd	7-23.15	1st	7-25.9	1st
7-21.4	2nd	7-23.16	1st	7-25.10	1st
7-21.5	Original	7-23.17	1st	7-25.11	1st
7-21.6	4th	7-23.18	1st	7-26	1st
7-21.7	2nd	7-23.19	1st	7-26.1	1st
7-21.8	2nd	7-23.20	1st	7-26.2	Original
7-21.9	2nd	7-23.21	1st	7-26.3	1st
7-21.10	2nd	7-23.22	1st	7-26.4	1st
7-21.11	2nd	7-23.23	1st	7-26.5	Original
7-22	1st	7-23.24	1st	7-26.6	3rd
7-22.1	2nd	7-23.25	1st	7-26.7	1st
7-22.2	Original	7-23.26	1st	7-26.8	1st
7-22.3	1st	7-23.27	1st	7-26.9	1st
7-22.4	2nd	7-23.28	1st	7-26.10	1st
7-22.5	2nd	7-23.29	1st	7-26.11	1st
7-22.6	2nd	7-24	1st	7-27	Original
7-22.7	1st	7-24.1	1st	7-27.1	Original
7-22.8	2nd	7-24.2	1st	7-27.2	Original
7-22.9	1st	7-24.3	1st	7-27.3	Original
7-22.10	1st	7-24.4	1st	7-27.4	Original
7-22.11	1st	7-24.5	1st	7-27.5	Original
7-23	1st	7-24.6	1st	7-27.6	2nd
7-23.1	2nd	7-24.7	1st	7-27.7	Original
7-23.2	Original	7-24.8	2nd	7-27.8	Original
7-23.3	1st	7-24.9	1st	7-27.9	Original
7-23.4	1st	7-24.10	1st	7-27.10	Original
7-23.5	Original	7-24.11	1st		
7-23.6	2nd	7-25	1st		

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7-27.11	Original	7-29.3	Original	7-30.9	Original
7-27.12	Original	7-29.4	Original	7-30.10	Original
7-27.13	Original	7-29.5	Original	7-30.11	Original
7-27.14	Original	7-29.6	1st	7-30.12	Original
7-27.15	Original	7-29.7	Original	7-30.13	Original
7-27.16	Original	7-29.8	1st	7-30.14	Original
7-27.17	Original	7-29.9	Original	7-30.15	Original
7-27.18	Original	7-29.10	Original	7-30.16	Original
7-27.19	Original	7-29.11	Original	7-30.17	Original
7-27.20	Original	7-29.12	Original	7-30.18	Original
7-27.21	Original	7-29.13	Original	7-30.19	Original
7-27.22	Original	7-29.14	Original	7-30.20	Original
7-27.23	Original	7-29.15	Original	7-30.21	Original
7-27.24	Original	7-29.16	Original	7-30.22	Original
7-27.25	Original	7-29.17	Original	7-30.23	Original
7-27.26	Original	7-29.18	Original	7-30.24	Original
7-27.27	Original	7-29.19	Original	7-30.25	Original
7-27.28	Original	7-29.20	Original	7-30.26	Original
7-27.29	Original	7-29.21	Original	7-30.27	Original
7-27.30	Original	7-29.22	Original	7-30.28	Original
7-27.31	Original	7-29.23	Original	7-30.29	Original
7-28	Original	7-29.24	Original	7-31	Original
7-28.1	Original	7-29.25	Original	7-31.1	Original
7-28.2	Original	7-29.26	Original	7-31.2	Original
7-28.3	Original	7-29.27	Original	7-31.3	Original
7-28.4	Original	7-29.28	Original	7-31.4	Original
7-28.5	Original	7-29.29	Original	7-31.5	Original
7-28.6	Original	7-30	Original	7-31.6	1st
7-28.7	Original	7-30.1	Original	7-31.7	Original
7-28.8	Original	7-30.2	Original	7-31.8	Original
7-28.9	Original	7-30.3	Original	7-31.9	Original
7-28.10	Original	7-30.4	Original	7-31.10	Original
7-28.11	Original	7-30.5	Original	7-31.11	Original
7-29	Original	7-30.6	1st	7-31.12	Original
7-29.1	Original	7-30.7	Original	7-31.13	Original
7-29.2	Original	7-30.8	Original	7-31.14	Original

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7-31.15	Original	7-32.23	Original	7-34.1	1st
7-31.16	Original	7-32.24	Original	7-34.2	Original
7-31.17	Original	7-32.25	Original	7-34.3	1st
7-31.18	Original	7-32.26	Original	7-34.4	1st
7-31.19	Original	7-32.27	Original	7-34.5	Original
7-31.20	Original	7-32.28	Original	7-34.6	3rd
7-31.21	Original	7-32.29	Original	7-34.7	1st
7-31.22	Original	7-33	Original	7-34.8	1st
7-31.23	Original	7-33.1	1st	7-34.9	1st
7-31.24	Original	7-33.2	Original	7-34.10	1st
7-31.25	Original	7-33.3	Original	7-34.11	1st
7-31.26	Original	7-33.4	Original	7-34.12	Original
7-31.27	Original	7-33.5	Original	7-34.13	Original
7-31.28	Original	7-33.6	1st	7-34.14	Original
7-31.29	Original	7-33.7	Original	7-34.15	Original
7-32	Original	7-33.8	1st	7-34.16	Original
7-32.1	Original	7-33.9	Original	7-34.17	Original
7-32.2	Original	7-33.10	Original	7-34.18	Original
7-32.3	Original	7-33.11	Original	7-34.19	Original
7-32.4	Original	7-33.12	Original	7-34.20	Original
7-32.5	Original	7-33.13	Original	7-34.21	Original
7-32.6	Original	7-33.14	Original	7-34.22	Original
7-32.7	Original	7-33.15	Original	7-34.23	Original
7-32.8	Original	7-33.16	Original	7-34.24	Original
7-32.9	Original	7-33.17	Original	7-34.25	Original
7-32.10	Original	7-33.18	Original	7-34.26	Original
7-32.11	Original	7-33.19	Original	7-34.27	Original
7-32.12	Original	7-33.20	Original	7-34.28	Original
7-32.13	Original	7-33.21	Original	7-34.29	Original
7-32.14	Original	7-33.22	Original	7-34.30	Original
7-32.15	Original	7-33.23	Original	7-34.31	Original
7-32.16	Original	7-33.24	Original	7-34.32	Original
7-32.17	Original	7-33.25	Original	7-34.33	Original
7-32.18	Original	7-33.26	Original	7-34.34	Original
7-32.19	Original	7-33.27	Original	7-34.35	Original
7-32.20	Original	7-33.28	Original		
7-32.21	Original	7-33.29	Original		
7-32.22	Original	7-34	1st		

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7-34.36	1st	7-37.6	1st	7-40.6	1st
7-34.37	Original	7-37.7	Original	7-40.7	Original
7-34.38	1st	7-37.8	Original	7-40.8	1st
7-34.39	1st	7-37.9	Original	7-40.9	Original
7-34.40	Original	7-37.10	Original	7-40.10	Original
7-34.41	Original	7-37.11	Original	7-40.11	Original
7-35	Original	7-38	Original	7-41	1st
7-35.1	Original	7-38.1	Original	7-41.1	1st
7-35.2	Original	7-38.2	Original	7-41.2	Original
7-35.3	Original	7-38.3	Original	7-41.3	1st
7-35.4	Original	7-38.4	Original	7-41.4	1st
7-35.5	Original	7-38.5	Original	7-41.5	Original
7-35.6	Original	7-38.6	1st	7-41.6	1st
7-35.7	Original	7-38.7	Original	7-41.7	1st
7-35.8	Original	7-38.8	1st	7-41.8	1st
7-35.9	Original	7-38.9	Original	7-41.9	1st
7-35.10	Original	7-38.10	Original	7-41.10	1st
7-35.11	Original	7-38.11	Original	7-41.11	1st
7-36	Original	7-39	1st	7-42	1st
7-36.1	Original	7-39.1	1st	7-42.1	1st
7-36.2	Original	7-39.2	Original	7-42.2	Original
7-36.3	Original	7-39.3	1st	7-42.3	1st
7-36.4	1st	7-39.4	1st	7-42.4	1st
7-36.5	Original	7-39.5	Original	7-42.5	Original
7-36.6	1st	7-39.6	3rd	7-42.6	3rd
7-36.7	Original	7-39.7	1st	7-42.7	1st
7-36.8	1st	7-39.8	1st	7-42.8	1st
7-36.9	Original	7-39.9	1st	7-42.9	1st
7-36.10	Original	7-39.10	1st	7-42.10	1st
7-36.11	Original	7-39.11	1st	7-42.11	1st
7-37	Original	7-40	Original	7-43	1st
7-37.1	1st	7-40.1	2nd	7-43.1	1st
7-37.2	Original	7-40.2	Original	7-43.2	Original
7-37.3	Original	7-40.3	Original	7-43.3	1st
7-37.4	Original	7-40.4	1st	7-43.4	3rd
7-37.5	Original	7-40.5	1st		

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7-43.5	3rd	7-45.17	Original	7-46.9	Original
7-43.6	3rd	7-45.18	Original	7-46.10	Original
7-43.7	1st	7-45.19	Original	7-46.11	Original
7-43.8	1st	7-45.20	Original	7-47	Original
7-43.9	1st	7-45.21	Original	7-47.1	Original
7-43.10	1st	7-45.22	Original	7-47.2	Original
7-43.11	1st	7-45.23	Original	7-47.3	Original
7-44	Original	7-45.24	Original	7-47.4	Original
7-44.1	Original	7-45.25	Original	7-47.5	Original
7-44.2	Original	7-45.26	Original	7-47.6	2nd
7-44.3	Original	7-45.27	Original	7-47.7	Original
7-44.4	Original	7-45.28	Original	7-47.8	Original
7-44.5	Original	7-45.29	Original	7-47.9	Original
7-44.6	1st	7-45.30	Original	7-47.10	Original
7-44.7	Original	7-45.31	Original	7-47.11	Original
7-44.8	Original	7-45.32	Original	7-48	1st
7-44.9	Original	7-45.33	Original	7-48.1	1st
7-44.10	Original	7-45.34	Original	7-48.2	Original
7-44.11	Original	7-45.35	1st	7-48.3	1st
7-45	Original	7-45.36	Original	7-48.4	1st
7-45.1	1st	7-45.37	Original	7-48.5	Original
7-45.2	Original	7-45.38	1st	7-48.6	3rd
7-45.3	Original	7-45.39	Original	7-48.7	1st
7-45.4	1st	7-45.40	1st	7-48.8	1st
7-45.5	1st	7-45.41	1st	7-48.9	1st
7-45.6	1st	7-45.42	Original	7-48.10	1st
7-45.7	Original	7-45.43	Original	7-48.11	1st
7-45.8	Original	7-46	Original	7-49	Original
7-45.9	Original	7-46.1	Original	7-49.1	1st
7-45.10	Original	7-46.2	Original	7-49.2	Original
7-45.11	Original	7-46.3	Original	7-49.3	Original
7-45.12	Original	7-46.4	Original	7-49.4	1st
7-45.13	Original	7-46.5	Original	7-49.5	1st
7-45.14	Original	7-46.6	3rd	7-49.6	1st
7-45.15	Original	7-46.7	Original	7-49.7	Original
7-45.16	Original	7-46.8	Original		

* New or revised page.

Transmittal No. 1659

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BUSINESS DATA SERVICES ACCESS SERVICE

CHECK SHEET

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(T)

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
7-49.8	Original	7-52.8	2nd	7-55.8	1st
7-49.9	Original	7-52.9	Original	7-55.9	Original
7-49.10	Original	7-52.10	1st	7-55.10	Original
7-49.11	Original	7-52.11	Original	7-55.11	Original
7-50	Original	7-53	Original	7-55.12	Original
7-50.1	Original	7-53.1	2nd	7-55.13	Original
7-50.2	Original	7-53.2	Original	7-55.14	Original
7-50.3	Original	7-53.3	Original	7-55.15	Original
7-50.4	Original	7-53.4	Original	7-55.16	Original
7-50.5	Original	7-53.5	Original	7-55.17	Original
7-50.6	1st	7-53.6	2nd	7-55.18	Original
7-50.7	Original	7-53.7	Original	7-55.19	Original
7-50.8	Original	7-53.8	2nd	7-55.20	Original
7-50.9	Original	7-53.9	Original	7-55.21	Original
7-50.10	Original	7-53.10	Original	7-55.22	Original
7-50.11	Original	7-53.11	Original	7-55.23	Original
7-51	1st	7-54	Original	7-55.24	Original
7-51.1	1st	7-54.1	Original	7-55.25	Original
7-51.2	Original	7-54.2	Original	7-55.26	Original
7-51.3	1st	7-54.3	Original	7-55.27	Original
7-51.4	1st	7-54.4	Original	7-55.28	Original
7-51.5	Original	7-54.5	Original	7-55.29	Original
7-51.6	3rd	7-54.6	2nd	7-56	Original
7-51.7	1st	7-54.7	Original	7-56.1	1st
7-51.8	1st	7-54.8	Original	7-56.2	Original
7-51.9	1st	7-54.9	Original	7-56.3	Original
7-51.10	1st	7-54.10	Original	7-56.4	Original
7-51.11	1st	7-54.11	Original	7-56.5	Original
7-52	1st	7-55	Original	7-56.6	1st
7-52.1	2nd	7-55.1	1st	7-56.7	Original
7-52.2	Original	7-55.2	Original	7-56.8	1st
7-52.3	1st	7-55.3	Original	7-56.9	Original
7-52.4	1st	7-55.4	1st	7-56.10	Original
7-52.5	Original	7-55.5	1st	7-56.11	Original
7-52.6	2nd	7-55.6	1st	7-56.12	Original
7-52.7	1st	7-55.7	Original		

* New or revised page.

Transmittal No. 1659

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BUSINESS DATA SERVICES ACCESS SERVICE

CHECK SHEET

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(T)

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
7-56.13	Original	7-57.19	Original	7-58.25	Original
7-56.14	Original	7-57.20	Original	7-58.26	Original
7-56.15	Original	7-57.21	Original	7-58.27	Original
7-56.16	Original	7-57.22	Original	7-58.28	Original
7-56.17	Original	7-57.23	Original	7-58.29	Original
7-56.18	Original	7-57.24	Original	7-59	Original
7-56.19	Original	7-57.25	Original	7-59.1	Original
7-56.20	Original	7-57.26	Original	7-59.2	Original
7-56.21	Original	7-57.27	Original	7-59.3	Original
7-56.22	Original	7-57.28	Original	7-59.4	1st
7-56.23	Original	7-57.29	Original	7-59.5	1st
7-56.24	Original	7-58	Original	7-59.6	1st
7-56.25	Original	7-58.1	1st	7-59.7	Original
7-56.26	Original	7-58.2	Original	7-59.8	Original
7-56.27	Original	7-58.3	Original	7-59.9	Original
7-56.28	Original	7-58.4	Original	7-59.10	Original
7-56.29	Original	7-58.5	Original	7-59.11	Original
7-57	Original	7-58.6	1st	7-59.12	Original
7-57.1	Original	7-58.7	Original	7-59.13	Original
7-57.2	Original	7-58.8	Original	7-59.14	Original
7-57.3	Original	7-58.9	Original	7-59.15	Original
7-57.4	Original	7-58.10	Original	7-59.16	Original
7-57.5	Original	7-58.11	Original	7-59.17	Original
7-57.6	Original	7-58.12	Original	7-59.18	Original
7-57.7	Original	7-58.13	Original	7-59.19	Original
7-57.8	Original	7-58.14	Original	7-59.20	Original
7-57.9	Original	7-58.15	Original	7-59.21	Original
7-57.10	Original	7-58.16	Original	7-59.22	Original
7-57.11	Original	7-58.17	Original	7-59.23	Original
7-57.12	Original	7-58.18	Original	7-59.24	Original
7-57.13	Original	7-58.19	Original	7-59.25	Original
7-57.14	Original	7-58.20	Original	7-59.26	Original
7-57.15	Original	7-58.21	Original	7-59.27	Original
7-57.16	Original	7-58.22	Original	7-59.28	Original
7-57.17	Original	7-58.23	Original	7-59.29	Original
7-57.18	Original	7-58.24	Original		

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BUSINESS DATA SERVICES ACCESS SERVICE

CHECK SHEET

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(T)

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
7-60	Original	7-61.5	Original	7-62.5	Original
7-60.1	1st	7-61.6	Original	7-62.6	2nd
7-60.2	Original	7-61.7	Original	7-62.7	1st
7-60.3	Original	7-61.8	Original	7-62.8	1st
7-60.4	1st	7-61.9	Original	7-62.9	1st
7-60.5	1st	7-61.10	Original	7-62.10	1st
7-60.6	1st	7-61.11	Original	7-62.11	1st
7-60.7	Original	7-61.12	Original	7-62.12	Original
7-60.8	1st	7-61.13	Original	7-62.13	Original
7-60.9	Original	7-61.14	Original	7-62.14	Original
7-60.10	Original	7-61.15	Original	7-62.15	Original
7-60.11	Original	7-61.16	Original	7-62.16	Original
7-60.12	Original	7-61.17	Original	7-62.17	Original
7-60.13	Original	7-61.18	Original	7-62.18	Original
7-60.14	Original	7-61.19	Original	7-62.19	Original
7-60.15	Original	7-61.20	Original	7-62.20	Original
7-60.16	Original	7-61.21	Original	7-62.21	Original
7-60.17	Original	7-61.22	Original	7-62.22	Original
7-60.18	Original	7-61.23	Original	7-62.23	Original
7-60.19	Original	7-61.24	Original	7-62.24	Original
7-60.20	Original	7-61.25	Original	7-62.25	Original
7-60.21	Original	7-61.26	Original	7-62.26	Original
7-60.22	Original	7-61.27	Original	7-62.27	Original
7-60.23	Original	7-61.28	Original	7-62.28	Original
7-60.24	Original	7-61.29	Original	7-62.29	Original
7-60.25	Original	7-61.30	Original	7-62.30	Original
7-60.26	Original	7-61.31	Original	7-62.31	Original
7-60.27	Original	7-61.32	Original	7-62.32	Original
7-60.28	Original	7-61.33	Original	7-62.33	Original
7-60.29	Original	7-61.34	Original	7-62.34	Original
7-61	Original	7-62	1st	7-63	1st
7-61.1	Original	7-62.1	1st	7-63.1	3rd
7-61.2	Original	7-62.2	Original	7-63.2	Original
7-61.3	Original	7-62.3	1st		
7-61.4	Original	7-62.4	1st		

* New or revised page.

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BUSINESS DATA SERVICES ACCESS SERVICE

CHECK SHEET

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(T)

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
7-63.3	1st	7-64.9	Original	7-65.3	1st
7-63.4	3rd	7-64.10	Original	7-65.4	1st
7-63.5	3rd	7-64.11	Original	7-65.5	Original
7-63.6	3rd	7-64.12	Original	7-65.6	3rd
7-63.7	1st	7-64.13	Original	7-65.7	1st
7-63.8	1st	7-64.14	Original	7-65.8	1st
7-63.9	1st	7-64.15	Original	7-65.9	1st
7-63.10	1st	7-64.16	Original	7-65.10	1st
7-63.11	1st	7-64.17	Original	7-65.11	1st
7-63.12	Original	7-64.18	Original	7-66	Original
7-63.13	Original	7-64.19	Original	7-66.1	Original
7-63.14	Original	7-64.20	Original	7-66.2	Original
7-63.15	Original	7-64.21	Original	7-66.3	Original
7-63.16	Original	7-64.22	Original	7-66.4	Original
7-63.17	Original	7-64.23	Original	7-66.5	1st
7-63.18	Original	7-64.24	Original	7-66.6	1st
7-63.19	Original	7-64.25	Original	7-66.7	Original
7-63.20	Original	7-64.26	Original	7-66.8	1st
7-63.21	Original	7-64.27	Original	7-66.9	Original
7-63.22	Original	7-64.28	Original	7-66.10	Original
7-63.23	Original	7-64.29	Original	7-66.11	Original
7-63.24	Original	7-64.30	Original	7-67	Original
7-63.25	Original	7-64.31	Original	7-67.1	Original
7-63.26	Original	7-64.32	Original	7-67.2	Original
7-63.27	Original	7-64.33	Original	7-67.3	Original
7-63.28	Original	7-64.34	Original	7-67.4	Original
7-63.29	Original	7-64.35	Original	7-67.5	Original
7-64	Original	7-64.36	1st	7-67.6	1st
7-64.1	1st	7-64.37	Original	7-67.7	Original
7-64.2	Original	7-64.38	1st	7-67.8	Original
7-64.3	Original	7-64.39	1st	7-67.9	Original
7-64.4	Original	7-64.40	Original	7-67.10	Original
7-64.5	Original	7-64.41	Original	7-67.11	Original
7-64.6	1st	7-65	1st	7-68	Original
7-64.7	Original	7-65.1	3rd	7-68.1	Original
7-64.8	Original	7-65.2	Original		

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BUSINESS DATA SERVICES ACCESS SERVICE

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7-68.2	Original	7-71.2	1st	7-72.26	Original
7-68.3	Original	7-71.3	1st	7-72.27	Original
7-68.4	Original	7-71.4	1st	7-72.28	Original
7-68.5	Original	7-71.5	1st	7-72.29	Original
7-68.6	Original	7-71.6	2nd	7-72.30	Original
7-68.7	Original	7-71.7	1st	7-72.31	Original
7-68.8	1st	7-71.8	1st	7-72.32	Original
7-68.9	Original	7-71.9	1st	7-72.33	1st
7-68.10	Original	7-71.10	1st	7-72.34	Original
7-68.11	Original	7-71.11	1st	7-72.35	1st
7-69	1st	7-72	Original	7-72.36	1st
7-69.1	2nd	7-72.1	Original	7-72.37	Original
7-69.2	Original	7-72.2	Original	7-72.38	Original
7-69.3	1st	7-72.3	Original	7-73	1st
7-69.4	1st	7-72.4	Original	7-73.1	2nd
7-69.5	Original	7-72.5	Original	7-73.2	Original
7-69.6	2nd	7-72.6	Original	7-73.3	1st
7-69.7	1st	7-72.7	Original	7-73.4	1st
7-69.8	1st	7-72.8	Original	7-73.5	Original
7-69.9	Original	7-72.9	Original	7-73.6	2nd
7-69.10	Original	7-72.10	Original	7-73.7	1st
7-69.11	Original	7-72.11	Original	7-73.8	1st
7-70	Original	7-72.12	Original	7-73.9	1st
7-70.1	Original	7-72.13	Original	7-73.10	1st
7-70.2	Original	7-72.14	Original	7-73.11	1st
7-70.3	Original	7-72.15	Original	7-74	Original
7-70.4	Original	7-72.16	Original	7-74.1	Original
7-70.5	Original	7-72.17	Original	7-74.2	Original
7-70.6	1st	7-72.18	Original	7-74.3	Original
7-70.7	Original	7-72.19	Original	7-74.4	Original
7-70.8	Original	7-72.20	Original	7-74.5	Original
7-70.9	Original	7-72.21	Original	7-74.6	Original
7-70.10	Original	7-72.22	Original	7-74.7	Original
7-70.11	Original	7-72.23	Original		
7-71	1st	7-72.24	Original		
7-71.1	1st	7-72.25	Original		

* New or revised page.

Transmittal No. 1659

Issued: March 31, 2022

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BUSINESS DATA SERVICES ACCESS SERVICE

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(T)

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
7-74.8	Original	7-77.8	Original	7-78.9	1st
7-74.9	Original	7-77.9	Original	7-78.10	1st
7-74.10	Original	7-77.10	Original	7-78.11	1st
7-74.11	Original	7-77.11	Original	7-78.12	1st
7-75	1st	7-77.12	Original	7-78.13	1st
7-75.1	1st	7-77.13	Original	7-78.14	1st
7-75.2	Original	7-77.14	Original	7-78.15	1st
7-75.3	1st	7-77.15	Original	7-78.16	1st
7-75.4	1st	7-77.16	Original	7-78.17	1st
7-75.5	Original	7-77.17	Original	7-78.18	1st
7-75.6	3rd	7-77.18	Original	7-78.19	1st
7-75.7	1st	7-77.19	Original	7-78.20	1st
7-75.8	1st	7-77.20	Original	7-28.21	1st
7-75.9	1st	7-77.21	Original	7-78.22	1st
7-75.10	1st	7-77.22	Original	7-78.23	1st
7-75.11	1st	7-77.23	Original	7-78.24	1st
7-76	1st	7-77.24	Original	7-78.25	1st
7-76.1	1st	7-77.25	Original	7-78.26	1st
7-76.2	Original	7-77.26	Original	7-78.27	1st
7-76.3	1st	7-77.27	Original	7-78.28	1st
7-76.4	1st	7-77.28	Original	7-78.29	1st
7-76.5	Original	7-77.29	Original	7-78.30	1st
7-76.6	3rd	7-77.30	Original	7-78.31	1st
7-76.7	1st	7-77.31	Original	7-78.32	1st
7-76.8	3rd	7-77.32	Original	7-78.33	1st
7-76.9	1st	7-77.33	Original	7-78.34	1st
7-76.10	1st	7-77.34	Original	7-79	1st
7-76.11	1st	7-78	1st	7-79.1	3rd
7-77	Original	7-78.1	2nd	7-79.2	Original
7-77.1	Original	7-78.2	2nd	7-79.3	1st
7-77.2	Original	7-78.3	1st	7-79.4	3rd
7-77.3	Original	7-78.4	1st	7-79.5	2nd
7-77.4	Original	7-78.5	2nd	7-79.6	3rd
7-77.5	Original	7-78.6	2nd	7-79.7	1st
7-77.6	Original	7-78.7	1st	7-79.8	3rd
7-77.7	Original	7-78.8	2nd	7-79.9	1st

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Transmittal No. 1659

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BUSINESS DATA SERVICES ACCESS SERVICE

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(T)

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7-79.10	1st	7-82.10	1st	7-85.10	Original
7-79.11	1st	7-82.11	1st	7-85.11	Original
7-80	1st	7-83	1st	7-85.12	1st
7-80.1	1st	7-83.1	1st	7-85.13	1st
7-80.2	Original	7-83.2	Original	7-85.14	1st
7-80.3	1st	7-83.3	1st	7-85.15	1st
7-80.4	1st	7-83.4	1st	7-85.16	1st
7-80.5	Original	7-83.5	Original	7-85.17	1st
7-80.6	3rd	7-83.6	3rd	7-85.18	1st
7-80.7	1st	7-83.7	1st	7-85.19	1st
7-80.8	1st	7-83.8	1st	7-85.20	1st
7-80.9	1st	7-83.9	1st	7-85.21	1st
7-80.10	1st	7-83.10	1st	7-85.22	1st
7-80.11	1st	7-83.11	1st	7-85.23	1st
7-81	Original	7-84	Original	7-85.24	1st
7-81.1	Original	7-84.1	1st	7-85.25	1st
7-81.2	Original	7-84.2	1st	7-85.26	1st
7-81.3	Original	7-84.3	Original	7-85.27	1st
7-81.4	Original	7-84.4	2nd	7-85.28	1st
7-81.5	Original	7-84.5	2nd	7-85.29	1st
7-81.6	2nd	7-84.6	2nd	7-85.30	1st
7-81.7	Original	7-84.7	Original	7-85.31	1st
7-81.8	Original	7-84.8	Original	7-85.32	1st
7-81.9	Original	7-84.9	Original	7-85.33	1st
7-81.10	Original	7-84.10	Original	7-85.34	1st
7-81.11	Original	7-84.11	Original	7-85.35	2nd
7-82	1st	7-85	Original	7-85.36	1st
7-82.1	1st	7-85.1	Original	7-85.37	1st
7-82.2	Original	7-85.2	Original	7-85.38	2nd
7-82.3	1st	7-85.3	Original	7-85.39	1st
7-82.4	1st	7-85.4	Original	7-85.40	2nd
7-82.5	Original	7-85.5	Original	7-85.41	2nd
7-82.6	3rd	7-85.6	1st	7-85.42	1st
7-82.7	1st	7-85.7	Original	7-85.43	1st
7-82.8	1st	7-85.8	1st	7-86	1st
7-82.9	1st	7-85.9	Original		

* New or revised page.

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60 Columbia Road, Bldg. A - 2nd Fl., Morristown, NJ 07960

BUSINESS DATA SERVICES ACCESS SERVICE

CHECK SHEET

Title Pages 1 to 10 and Pages 1 to 7-104.11 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date hereof.

(T)

<u>Page</u>	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>
7-86.1	1st	7-89.1	1st	7-92.1	1st
7-86.2	Original	7-89.2	Original	7-92.2	1st
7-86.3	1st	7-89.3	1st	7-92.3	1st
7-86.4	2nd	7-89.4	1st	7-92.4	1st
7-86.5	2nd	7-89.5	Original	7-92.5	1st
7-86.6	2nd	7-89.6	3rd	7-92.6	1st
7-86.7	1st	7-89.7	1st	7-92.7	1st
7-86.8	1st	7-89.8	1st	7-92.8	1st
7-86.9	1st	7-89.9	1st	7-92.9	1st
7-86.10	1st	7-89.10	1st	7-92.10	1st
7-86.11	1st	7-89.11	1st	7-92.11	1st
7-87	1st	7-90	1st	7-93	Original
7-87.1	1st	7-90.1	1st	7-93.1	Original
7-87.2	Original	7-90.2	Original	7-93.2	Original
7-87.3	1st	7-90.3	1st	7-93.3	Original
7-87.4	1st	7-90.4	1st	7-93.4	Original
7-87.5	Original	7-90.5	Original	7-93.5	Original
7-87.6	3rd	7-90.6	3rd	7-93.6	1st
7-87.7	1st	7-90.7	1st	7-93.7	Original
7-87.8	1st	7-90.8	1st	7-93.8	Original
7-87.9	1st	7-90.9	1st	7-93.9	Original
7-87.10	1st	7-90.10	1st	7-93.10	Original
7-87.11	1st	7-90.11	1st	7-93.11	Original
7-88	Original	7-91	1st	7-94	1st
7-88.1	Original	7-91.1	1st	7-94.1	1st
7-88.2	Original	7-91.2	Original	7-94.2	Original
7-88.3	Original	7-91.3	1st	7-94.3	1st
7-88.4	1st	7-91.4	1st	7-94.4	1st
7-88.5	2nd	7-91.5	Original	7-94.5	Original
7-88.6	3rd	7-91.6	3rd	7-94.6	2nd
7-88.7	1st	7-91.7	2nd	7-94.7	1st
7-88.8	Original	7-91.8	1st	7-94.8	1st
7-88.9	Original	7-91.9	1st	7-94.9	1st
7-88.10	Original	7-91.10	1st	7-94.10	1st
7-88.11	Original	7-91.11	1st	7-94.11	1st
7-89	1st	7-92	1st		

* New or revised page.

Transmittal No. 1659

Issued: March 31, 2022

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BUSINESS DATA SERVICES ACCESS SERVICE

CHECK SHEET

Title Pages 1 to 10 and Pages 1 to 7-104.11 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date hereof.

(T)

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
7-95	Original	7-98.1	1st	7-101	Original
7-95.1	Original	7-98.2	1st	7-101.1	1st
7-95.2	Original	7-98.3	Original	7-101.2	Original
7-95.3	Original	7-98.4	Original	7-101.3	Original
7-95.4	1st	7-98.5	Original	7-101.4	1st
7-95.5	1st	7-98.6	1st	7-101.5	1st
7-95.6	1st	7-98.7	Original	7-101.6	1st
7-95.7	Original	7-98.8	1st	7-101.7	Original
7-95.8	1st	7-98.9	Original	7-101.8	Original
7-95.9	Original	7-98.10	Original	7-101.9	Original
7-95.10	Original	7-98.11	Original	7-101.10	Original
7-95.11	Original	7-99	Original	7-101.11	Original
7-96	1st	7-99.1	Original	7-102	Original *
7-96.1	1st	7-99.2	Original	7-102.1	Original *
7-96.2	Original	7-99.3	Original	7-102.2	Original *
7-96.3	1st	7-99.4	Original	7-102.3	Original *
7-96.4	3rd	7-99.5	Original	7-102.4	Original *
7-96.5	2nd	7-99.6	1st	7-102.5	Original *
7-96.6	3rd	7-99.7	Original	7-102.6	Original *
7-96.7	1st	7-99.8	1st	7-102.7	Original *
7-96.8	1st	7-99.9	Original	7-102.8	Original *
7-96.9	1st	7-99.10	Original	7-102.9	Original *
7-96.10	1st	7-99.11	Original	7-102.10	Original *
7-96.11	1st	7-100	1st	7-102.11	Original *
7-97	2nd	7-100.1	2nd	7-103	Original *
7-97.1	2nd	7-100.2	Original	7-103.1	Original *
7-97.2	1st	7-100.3	1st	7-103.2	Original *
7-97.3	2nd	7-100.4	1st	7-103.3	Original *
7-97.4	2nd	7-100.5	Original	7-103.4	Original *
7-97.5	1st	7-100.6	3rd	7-103.5	Original *
7-97.6	3rd	7-100.7	1st	7-103.6	Original *
7-97.7	2nd	7-100.8	3rd	7-103.7	Original *
7-97.8	2nd	7-100.9	1st	7-103.8	Original *
7-97.9	2nd	7-100.10	1st	7-103.9	Original *
7-97.10	2nd	7-100.11	1st	7-103.10	Original *
7-97.11	2nd			7-103.11	Original *
7-98	Original				

* New or revised page.

Transmittal No. 1659

Issued: March 31, 2022

Effective: April 1, 2022

BUSINESS DATA SERVICES ACCESS SERVICE

CHECK SHEET

Title Pages 1 to 10 and Pages 1 to 7-104.11 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date hereof.

(T)

<u>Page</u>	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>
7-104	Original *				
7-104.1	Original *				
7-104.2	Original *				
7-104.3	Original *				
7-104.4	Original *				
7-104.5	Original *				
7-104.6	Original *				
7-104.7	Original *				
7-104.8	Original *				
7-104.9	Original *				
7-104.10	Original *				
7-104.11	Original *				

* New or revised page.

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Issued: March 31, 2022

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Senior Director - Access Tariff Cost Development
60 Columbia Road, Bldg. A - 2nd Fl., Morristown, NJ 07960

BUSINESS DATA SERVICES ACCESS SERVICE

ISSUING CARRIERS (CONT'D)

<p>391686 Mr. Dennis Law General Manager/Chief Executive Officer Golden West Telecommunications Cooperative, Inc. - Vivian 415 Crown Street P.O. Box 411 Wall, SD 57790-0411</p>	<p>300649 Mr. Lonnie Pedersen Chief Operating Officer Hanson Communications of Ohio, LLC – Orwell c/o Telephone Service Company 2 Willipie Street PO Box 408 Wapakoneta, OH 45895</p>	<p>(N)(x) (N)(x)</p>
<p>341020 Mr. Paul M. Arnold President Grafton Telephone Company 119 East Main Street P.O. Box 428 Jerseyville, IL 62052</p>	<p>200259 Mr. Scott Sherman General Manager/Chief Executive Officer Hardy Telecommunications, Inc. 2255 Kimseys Run Road Lost River, WV 26810</p>	
<p>421890 Mr. David Adams Executive Vice President/General Manager Green Hills Telephone Corporation 7926 Northeast State Route M P.O. Box 227 Breckenridge, MO 64625</p>	<p>462190 Mr. Adam Dixon Chief Operating Officer Haxtun Telephone Company c/o Townes Telecommunications Services Corporation 120 East 1st Street Lewisville, AR 71845</p>	
<p>371555 Mr. John Nelson Vice President Hamilton Telephone Company 1006 12th Street Aurora, NE 68818</p>	<p>341029 Mr. Michael McClain President/Chief Executive Officer Henry County Telephone Company 111 East First Street P.O. Box 330 Geneseo, IL 61254</p>	
<p>300604 Mr. Lonnie Pedersen Chief Operating Officer Hanson Communications of Ohio, LLC - Columbus Grove c/o Telephone Service Company 2 Willipie Street PO Box 408 Wapakoneta, OH 45895</p>	<p>(N)(x) (N)(x)</p>	<p>290565 Mr. Mark Patterson General Manager/Chief Operating Officer Highland Telephone Cooperative, Inc. 7840 Morgan Co. Highway P.O. Box 119 Sunbright, TN 37872-0119</p>
<p>300618 Mr. Lonnie Pedersen Chief Operating Officer Hanson Communications of Ohio, LLC – Germantown c/o Telephone Service Company 2 Willipie Street PO Box 408 Wapakoneta, OH 45895</p>		<p>330892 Mr. Charles E. Hammer Vice President and General Manager Hillsboro Telephone Company, Inc. 121 Mill Street P.O. Box 427 Hillsboro, WI 54634-0427</p>
		<p>371563 Mr. Robert Gannon Chief Executive Officer Hooper Tel. Co. c/o West Iowa Telephone Company d/b/a Westel Systems 12 East Third Street P.O. Box 330 Remsen, IA 51050-0330</p>

Certain material formerly found on this page now appears on 4th Revised Title Page 7.

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BUSINESS DATA SERVICES ACCESS SERVICE

ISSUING CARRIERS (CONT'D)

<p>391654-SD, 361654-MN Ms. Tracy Bandemer Chief Executive Officer Interstate Telecommunications Cooperative, Inc. 312 4th Street, West P.O. Box 920 Clear Lake, SD 57226-0920</p>	<p>(M)</p> <p> </p> <p>(M)</p>	<p>411807-KS, 421807-MO Mr. Adam Dixon Chief Operating Officer MoKan Dial, Inc. c/o Townes Telecommunications Services Corporation 120 East 1st Street Lewisville, AR 71845</p>
<p>361419 Mr. Bill Loonan General Manager Lismore Cooperative Telephone Company 230 South 3rd Avenue P.O. Box 127 Lismore, MN 56155-0127</p>		<p>532385 Mr. David M. Mills Vice President Monroe Telephone Company P.O. Box 130 Monroe, OR 97456-0130</p>
<p>351237 Ms. Rachel Hamilton Chief Executive Officer Marne & Elk Horn Telephone Company 4242 Main Street P.O. Box 120 Elk Horn, IA 51531</p>		<p>371574 Mr. Andrew D. Jader Vice President – Administration Nebraska Central Telephone Company 22 Labarre Street P.O. Box 700 Gibbon, NE 68840-0700</p>
<p>341048 Mr. Kenneth Troyan President McNabb Telephone Company 308 West Main Street P.O. Box 158 McNabb, IL 61335</p>		<p>230491 Mr. Royster M. Tucker, III President/Chief Executive Officer North State Telephone, LLC 4100 Mendenhall Oaks Parkway Suite 300 P.O. Box 2326 High Point, NC 27261</p>
<p>300633 Mr. Bruce Hanson Treasurer Middle Point Home Telephone Company c/o Hanson Communications, Inc. 1104 19th Avenue SW, Suite B Willmar, MN 56201</p>		<p>210335 Mr. Adam Dixon Chief Operating Officer Northeast Florida Telephone Company, Inc. c/o Townes Telecommunications Services Corporation 120 East 1st Street Lewisville, AR 71845</p>
<p>391670 Mr. Chad Mutziger General Manager Midstate Communications, Inc. 120 East First Street P.O. Box 48 Kimball, SD 57355</p>		<p>371576 Mr. Patrick McElroy General Manager Northeast Nebraska Telephone Company 110 East Elk Street Jackson, NE 68743</p>
<p>351242 Mr. Scott Boehde General Manager Miles Coop. Tel. Assoc. 342 Ferry Road Miles, IA 52064</p>		<p>351261 Mr. Donald D. Miller Chief Executive Officer Northwest Communications Cooperative Association 844 Wood Street Havelock, IA 50546</p>

Certain material currently found on this page previously appeared on 1st Revised Title Page 6.

Transmittal No. 1659

Issued: March 31, 2022

Effective: April 1, 2022

BUSINESS DATA SERVICES ACCESS SERVICE

TABLE OF CONTENTS (CONT'D)

7. RATES AND CHARGES (CONT'D) Page No.

7.1 SPECIAL ACCESS SERVICES (DS3 OR BELOW) (CONT'D)

REFER TO ISSUING CARRIER RATE PAGES LISTED BELOW:

NORTH STATE TELEPHONE, LLC	7-78
NORTHEAST FLORIDA TELEPHONE COMPANY, INC.	7-79
NORTHEAST NEBRASKA TELEPHONE COMPANY	7-80
NOVA TELEPHONE COMPANY	7-81
OREGON FARMERS MUTUAL TELEPHONE COMPANY	7-82
PARTNER COMMUNICATIONS COOPERATIVE	7-83
PAUL BUNYAN RURAL TELEPHONE COOPERATIVE	7-84
PEETZ COOPERATIVE TELEPHONE COMPANY	7-85
PIONEER TELEPHONE COOPERATIVE D/B/A PIONEER CONNECT	7-86
PYMATUNING INDEPENDENT TEL. CO.	7-87
RED RIVER RURAL TELEPHONE ASSOCIATION D/B/A	
RED RIVER COMMUNICATIONS	7-88
RICO TELEPHONE COMPANY	7-89
ROGGEN TELEPHONE COOPERATIVE COMPANY	7-90
SALINA-SPAVINAW TEL. CO.	7-91
SODTOWN COMMUNICATIONS, INC.	7-92
TRI-COUNTY COMMUNICATIONS COOPERATIVE, INC.	7-93
TRIOTEL COMMUNICATIONS, INC.	7-94
VERNON COMMUNICATIONS COOPERATIVE	7-95
WALNUT HILL TELEPHONE COMPANY	7-96
WEBSTER-CALHOUN COOP. TEL. ASSN.	7-98
WEST IOWA TELEPHONE COMPANY D/B/A WESTEL SYSTEMS	7-99
WITTENBERG TELEPHONE COMPANY	7-100
HIGHLAND TELEPHONE COOPERATIVE, INC.	7-101
HANSON COMMUNICATIONS OF OHIO, LLC – COLUMBUS GROVE	7-102 (N)(x)
HANSON COMMUNICATIONS OF OHIO, LLC – GERMANTOWN	7-103
HANSON COMMUNICAITONS OF OHIO, LLC – ORWELL	7-104 (N)(x)

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 300 Columbia Road, Bldg. A - 2nd Fl., Morristown, NJ 07960

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove

7.1 Special Access Services

7.1.1 Metallic Service

Regulations concerning Metallic Service are set forth in Section 7.4 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

Monthly
Rate

Nonrecurring
Charge

\$18.44

\$308.92

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

\$26.54

(2) Channel Mileage Termination, Per Termination

\$1.85

(C) Optional Features and Functions

(1) Bridging

(a) Three Premises Bridging, Per Port

\$3.74

(b) Series Bridging, Per Port

\$3.74

(2) DSL Access Service Connection

(a) Per 10BASE-T

ICB

ICB

(b) Per 100BASE-T

ICB

ICB

7.1.2 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.5 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) Two-Wire

\$18.44

\$308.92

(2) Four-Wire

\$36.89

\$308.92

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

\$2.21

(2) Channel Mileage Termination, Per Termination

\$22.18

(C) Optional Features and Functions

- Telegraph Bridging, Per Port

(1) Two-Wire

\$3.74

(2) Four-Wire

\$3.74

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Senior Director - Access Tariff Cost Development
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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.3 Voice Grade Service

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
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Regulations concerning Voice Grade Service are set forth in Section 7.6 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) Two-Wire	\$38.77	\$420.27
(2) Four-Wire	\$48.16	\$420.27

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile	\$2.70	
(2) Channel Mileage Termination, Per Termination	\$29.64	

(C) Optional Features and Functions

(1) Bridging

(a) Voice Bridging, Per Port

- Two-Wire	\$3.74	
- Four-Wire	\$3.74	

(b) Data Bridging, Per Port

- Two-Wire	\$3.74	
- Four-Wire	\$3.74	

(c) Telephoto Bridging, Per Port

- Two-Wire	\$3.74	
- Four-Wire	\$3.74	

(d) DATAPHONE Select-A-Station Bridging

- Sequential Arrangement, Ports

Per Channel Connected

- Two-Wire	\$12.62	
- Four-Wire	\$67.57	

- Addressable Arrangement, Ports

Per Channel Connected

- Two-Wire	\$13.63	
- Four-Wire	\$59.02	

(e) Telemetry and Alarm Bridging

- Active Bridging Channel Connections,

Per Channel Connected

- Split Band	\$5.95	
- Summation	\$2.33	

- Passive Bridging Channel Connections,

Per Channel Connected

	\$0.16	
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(N)(x)

Transmittal No. 1659

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Effective: April 1, 2022

Senior Director - Access Tariff Cost Development
60 Columbia Road, Bldg. A - 2nd Fl., Morristown, NJ 07960

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.3 Voice Grade Service (Cont'd)

Monthly
Rate

(C) Optional Features and Functions (Cont'd)

(2) Conditioning, Per Termination	
(a) C-Type	\$5.49
(b) Improved Attenuation Distortion#	None
(c) Improved Envelope Delay Distortion#	None
(d) Data Capability	\$3.80
(e) Telephoto Capability	\$5.18
(f) Sealing Current	None
(3) Improved Return Loss For Effective Two-Wire or Four-Wire Transmission, Per Termination	
(a) Two-Wire	\$5.97
(b) Four-Wire	\$5.97
(4) Customer Specified Receive Level, Per Two-Wire Termination	\$5.93
(5) Multiplexing Voice to Telegraph Grade, Per Arrangement	\$129.87
(6) Signaling Capability, Per Termination	\$10.44
(7) Selective Signaling Arrangement, Per Arrangement	\$3.74
(8) Transfer Arrangement (Key Activated* or Dial-Up**)	
(a) Per four port arrangement including control channel termination***	\$1.79
(b) Per five port arrangement including control channel termination***	\$4.11

Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

* The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

** The Dial-Up option requires the customer to purchase the Controller Arrangement as set forth in Section 13.3.4 of NECA Tariff F.C.C. No. 5.

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

(x) Filed under authority of Special Permission No. 22-001 of the Federal Communications Commission.

(N)(x)

Transmittal No. 1659

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.4 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.7 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

	Daily* Rate	Monthly Rate	Nonrecurring Charge Daily/Monthly
(1) 200 to 3500 Hz	\$3.28	\$32.84	\$308.92
(2) 100 to 5000 Hz	\$5.72	\$57.17	\$308.92
(3) 50 to 8000 Hz	\$5.72	\$57.17	\$308.92
(4) 50 to 15000 Hz	\$5.72	\$57.17	\$308.92

(B) Channel Mileage

	Daily* Rate	Monthly Rate	Nonrecurring Charge Daily/Monthly
(1) Channel Mileage Facility, Per Mile			
(a) 200 to 3500 Hz	\$0.22	\$2.21	
(b) 100 to 5000 Hz	\$0.44	\$4.41	
(c) 50 to 8000 Hz	\$0.66	\$6.62	
(d) 50 to 15000 Hz	\$0.88	\$8.83	
(2) Channel Mileage Termination, Per Termination			
(a) 200 to 3500 Hz	\$2.22	\$22.18	
(b) 100 to 5000 Hz	\$4.44	\$44.35	
(c) 50 to 8000 Hz	\$6.65	\$66.53	
(d) 50 to 15000 Hz	\$8.87	\$88.69	

(C) Optional Features and Functions

	Daily* Rate	Monthly Rate	Nonrecurring Charge Daily/Monthly
(1) Bridging Distribution Amplifier, Per Port	\$1.15	\$11.46	
(2) Gain Conditioning, Per Service	\$0.80	\$8.00	
(3) Stereo, Per Service	\$1.42	\$14.17	

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of NECA Tariff F.C.C. No. 5.

(x) Filed under authority of Special Permission No. 22-001 of the Federal Communications Commission.
Transmittal No. 1659

(N)(x)

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.5 Video Service

Daily*
Rate

Monthly
Rate

Nonrecurring
Charge

Regulations concerning Video Service are set forth in Section 7.8 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) TV-1 or 2	\$186.58	\$339.24	\$226.54
(2) 4TV-5	\$186.58	\$339.24	\$226.54
(3) 6TV-5	\$186.58	\$339.24	\$226.54
(4) TV-15	\$186.58	\$339.24	\$226.54

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile, All	\$158.81	\$288.74	
(2) Channel Mileage Termination, Per Termination, All	\$169.20	\$307.64	

7.1.6 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) 2.4 kbps		\$39.88	\$267.73
(2) 4.8 kbps		\$39.88	\$267.73
(3) 9.6 kbps		\$39.88	\$267.73
(4) 19.2 kbps		\$39.88	\$267.73
(5) 56.0 kbps		\$39.88	\$267.73
(6) 64.0 kbps		\$39.88	\$267.73

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of NECA Tariff F.C.C. No. 5.

(x) Filed under authority of Special Permission No. 22-001 of the Federal Communications Commission.

(N)(x)

Transmittal No. 1659

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.6 Digital Data Service (Cont'd)

Monthly
Rate

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

(a) 2.4 kbps	\$0.86
(b) 4.8 kbps	\$0.86
(c) 9.6 kbps	\$0.86
(d) 19.2 kbps	\$0.86
(e) 56.0 kbps	\$2.27
(f) 64.0 kbps	\$2.27

(2) Channel Mileage Termination, Per Termination

(a) 2.4 kbps	\$14.69
(b) 4.8 kbps	\$14.69
(c) 9.6 kbps	\$14.69
(d) 19.2 kbps	\$14.69
(e) 56.0 kbps	\$30.42
(f) 64.0 kbps	\$30.91

(C) Optional Features and Functions

(1) Bridging, Per Port	\$5.05
(2) Loop Transfer Arrangement Per Four Port Arrangement*, Key Activated** or Dial-Up***	\$3.56

(D) Channel Service Unit, Per Termination****

(1) 2.4 kbps	\$17.83
(2) 4.8 kbps	\$17.83
(3) 9.6 kbps	\$17.83
(4) 56.0 kbps	\$17.83

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

** The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement as set forth in Section 13.3.4 of NECA Tariff F.C.C. No. 5.

**** Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

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Transmittal No. 1659

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.7 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) DS1, 1.544 Mbps	\$126.82	\$264.20
(2) DS3, 44.736 Mbps	\$1,248.91	\$378.27

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile		
(a) 64 kbps#	\$2.98	
(b) 1.544 Mbps	\$10.92	
(c) 44.736 Mbps	\$74.61	
(2) Channel Mileage Termination, Per Termination		
(a) 64 kbps#	\$29.52	
(b) 1.544 Mbps	\$46.83	
(c) 44.736 Mbps	\$384.64	

(C) Optional Rate Plan Term Discounts DS1 & DS3 Services

<u>Term Commitment</u>	<u>Percentage</u>
36 Months	10%
60 Months	20%

(D) Optional Features and Functions

(1) Multiplexing, Per Arrangement		
(a) DS3 to DS1	\$317.65	
(b) DS1 to Voice*	\$119.87	
(c) DS1 to DS0	\$112.39	
(d) DS0 to Subrates		
- Up to 20 2.4 kbps	\$268.70	
- Up to 10 4.8 kbps	\$182.58	
- Up to 5 9.6 kbps	\$163.67	

Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

* A channel of this DS1 to the Hub can be used for Digital Data Service.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.7 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(2) Automatic Loop Transfer, Per Arrangement*	\$90.71	
(3) Transfer Arrangement (Key Activated** or Dial-Up***) Per Four Port Arrangement Including Control Channel Termination****	\$103.21	
(4) Clear Channel Capability, Per 1.544 Mbps Transmission Path	None	
(5) Shared SONET Ring Interoffice Transport, Per DS3 Channel Mileage Facility	None	

(E) Network Channel Terminating Equipment (NCTE), Per Termination#

(1) 1.544 Mbps	\$51.45	
(2) Automatic Loop Transfer	\$206.70	

(F) DSL Access Service Connection

(1) Per 1.544 Mbps	ICB	ICB
(2) Per 44.736 Mbps	ICB	ICB

NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

* An additional Channel Termination charge will apply whenever a spare line is provided as a leg to the customer designated premises.

** The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement as set forth in Section 13.3.4 of NECA Tariff F.C.C. No. 5.

**** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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Senior Director - Access Tariff Cost Development
60 Columbia Road, Bldg. A - 2nd Fl., Morristown, NJ 07960

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

7.2 Other Services - DS3 & Below

7.2.1 Access Ordering

Charge

NECA Tariff
F.C.C. No. 5
Section
Reference

Regulations concerning Access Ordering are set forth in Section 5 of NECA Tariff F.C.C. No. 5.

(A) Access Order Charge, Per Order

\$59.54

5.4.1

(B) Service Date Change Charge

5.4.3

Applied on a per order per occurrence basis for each service date changed. The Access Order Charge as specified in 7.2.1(A), preceding, does not apply.

- Service Data Change Charge, Per Order

\$41.19

(C) Design Change Charge

5.4.3

Applied on a per order per occurrence basis for each order requiring design change.

- Design Change Charge, Per Order

\$57.67

(D) Miscellaneous Service Order Charge, Per Occurrence

\$84.44

5.4.2

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

7.2 Other Services - DS3 & Below (Cont'd)

7.2.2 Additional Engineering

Each Half Hour or Fraction Thereof	NECA Tariff F.C.C. No. 5 Section Reference
---------------------------------------------	-----------------------------------------------------

Regulations concerning Additional Engineering are set forth in Section 13 of NECA Tariff F.C.C. No. 5.

Additional Engineering Periods

(A) Basic Time, normally scheduled working hours, per engineer	\$21.30	13.1
(B) Overtime, outside of normally scheduled working hours, per engineer	\$31.96	13.1
(C) Premium Time, outside of scheduled work day, per engineer	\$42.60	13.1

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)

	Each Half Hour or Fraction Thereof	NECA Tariff F.C.C. No. 5 Section Reference
7.2 <u>Other Services - DS3 & Below (Cont'd)</u>		
7.2.3 <u>Additional Labor</u>		
Regulations concerning Additional Labor are set forth in Section 13 of NECA Tariff F.C.C. No. 5.		
<u>Additional Labor Periods</u>		
(A) Installation or Repair		
(1) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician	\$32.66	13.2.1 & 13.2.2
(2) Premium Time*, outside of scheduled work day, per technician	\$43.54	13.2.1 & 13.2.2
(B) Stand by		
(1) Basic Time, normally scheduled working hours, per technician	\$14.54	13.2.3
(2) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician	\$21.81	13.2.3
(3) Premium Time*, outside of scheduled work day, per technician	\$29.08	13.2.3
(C) Testing and Maintenance with other Telephone Companies, or Other Labor		
(1) Installation and Repair Technician		
(a) Basic Time, normally scheduled working hours, per technician	\$21.77	13.2.4 & 13.2.5
(b) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician	\$32.66	13.2.4 & 13.2.5
(c) Premium Time*, outside of scheduled work day, per technician	\$43.54	13.2.4 & 13.2.5
(2) Central Office Maintenance Technician		
(a) Basic Time, normally scheduled working hours, per technician	\$23.79	13.2.4 & 13.2.5
(b) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician	\$35.69	13.2.4 & 13.2.5
(c) Premium Time*, outside of scheduled work day, per technician	\$47.59	13.2.4 & 13.2.5

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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BUSINESS DATA SERVICES ACCESS SERVICE

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7.	<u>Rates and Charges - Hanson Communications of Ohio, LLC - Columbus Grove (Cont'd)</u>		
	7.2 <u>Other Services - DS3 & Below (Cont'd)</u>	Each Half Hour or Fraction Thereof	NECA Tariff F.C.C. No. 5 Section Reference
	7.2.4 <u>Miscellaneous Services</u>		
	Regulations concerning Miscellaneous Services are set forth in Section 13 of NECA Tariff F.C.C. No. 5.		
	(A) Additional Cooperative Acceptance Testing		
	<u>Testing Periods</u>		
	- Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 7.2.3(C) preceding.	13.3.1(B)(1)
	(B) Additional Manual Testing		
	<u>Testing Periods</u>		
	- Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 7.2.3(C) preceding.	13.3.1(B)(2)
	(C) Maintenance of Service		
	<u>Maintenance of Service Periods</u>		
	- Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 7.2.3(C) preceding.	13.3.2
	(D) Telecommunications Service Priority		
	- Per Service Arranged	Nonrecurring <u>Charge</u>	\$54.63 13.3.3
	(E) Controller Arrangement		
	- Per Arrangement	Monthly <u>Rate</u>	\$100.00 13.3.4(A)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown

7.1 Special Access Services

7.1.1 Metallic Service

Regulations concerning Metallic Service are set forth in Section 7.4 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
---------------------	----------------------------

\$18.44	\$308.92
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(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

\$26.54	
---------	--

(2) Channel Mileage Termination, Per Termination

\$1.85	
--------	--

(C) Optional Features and Functions

(1) Bridging

(a) Three Premises Bridging, Per Port

\$3.74	
--------	--

(b) Series Bridging, Per Port

\$3.74	
--------	--

(2) DSL Access Service Connection

(a) Per 10BASE-T

ICB	ICB
-----	-----

(b) Per 100BASE-T

ICB	ICB
-----	-----

7.1.2 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.5 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) Two-Wire

\$18.44	\$308.92
---------	----------

(2) Four-Wire

\$36.89	\$308.92
---------	----------

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

\$2.21	
--------	--

(2) Channel Mileage Termination, Per Termination

\$22.18	
---------	--

(C) Optional Features and Functions

- Telegraph Bridging, Per Port

(1) Two-Wire

\$3.74	
--------	--

(2) Four-Wire

\$3.74	
--------	--

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60 Columbia Road, Bldg. A - 2nd Fl., Morristown, NJ 07960

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.3 Voice Grade Service

Monthly Rate	Nonrecurring Charge
-----------------	------------------------

Regulations concerning Voice Grade Service are set forth in Section 7.6 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) Two-Wire	\$24.92	\$420.27
(2) Four-Wire	\$33.74	\$420.27

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile	\$1.24
(2) Channel Mileage Termination, Per Termination	\$16.23

(C) Optional Features and Functions

(1) Bridging

(a) Voice Bridging, Per Port

- Two-Wire	\$3.74
- Four-Wire	\$3.74

(b) Data Bridging, Per Port

- Two-Wire	\$3.74
- Four-Wire	\$3.74

(c) Telephoto Bridging, Per Port

- Two-Wire	\$3.74
- Four-Wire	\$3.74

(d) DATAPHONE Select-A-Station Bridging

- Sequential Arrangement, Ports

Per Channel Connected

- Two-Wire	\$12.62
- Four-Wire	\$67.57

- Addressable Arrangement, Ports

Per Channel Connected

- Two-Wire	\$13.63
- Four-Wire	\$59.02

(e) Telemetry and Alarm Bridging

- Active Bridging Channel Connections,

Per Channel Connected

- Split Band	\$5.95
- Summation	\$2.33

- Passive Bridging Channel Connections,

Per Channel Connected

\$0.16

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.3 Voice Grade Service (Cont'd)

Monthly
Rate

(C) Optional Features and Functions (Cont'd)

(2) Conditioning, Per Termination	
(a) C-Type	\$5.49
(b) Improved Attenuation Distortion#	None
(c) Improved Envelope Delay Distortion#	None
(d) Data Capability	\$3.80
(e) Telephoto Capability	\$5.18
(f) Sealing Current	None
(3) Improved Return Loss For Effective Two-Wire or Four-Wire Transmission, Per Termination	
(a) Two-Wire	\$5.97
(b) Four-Wire	\$5.97
(4) Customer Specified Receive Level, Per Two-Wire Termination	\$5.93
(5) Multiplexing Voice to Telegraph Grade, Per Arrangement	\$129.87
(6) Signaling Capability, Per Termination	\$10.44
(7) Selective Signaling Arrangement, Per Arrangement	\$3.74
(8) Transfer Arrangement (Key Activated* or Dial-Up**)	
(a) Per four port arrangement including control channel termination***	\$1.79
(b) Per five port arrangement including control channel termination***	\$4.11

Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

* The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

** The Dial-Up option requires the customer to purchase the Controller Arrangement as set forth in Section 13.3.4 of NECA Tariff F.C.C. No. 5.

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.4 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.7 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

	Daily* Rate	Monthly Rate	Nonrecurring Charge Daily/Monthly
(1) 200 to 3500 Hz	\$3.28	\$32.84	\$308.92
(2) 100 to 5000 Hz	\$5.72	\$57.17	\$308.92
(3) 50 to 8000 Hz	\$5.72	\$57.17	\$308.92
(4) 50 to 15000 Hz	\$5.72	\$57.17	\$308.92

(B) Channel Mileage

	Daily* Rate	Monthly Rate	Nonrecurring Charge Daily/Monthly
(1) Channel Mileage Facility, Per Mile			
(a) 200 to 3500 Hz	\$0.22	\$2.21	
(b) 100 to 5000 Hz	\$0.44	\$4.41	
(c) 50 to 8000 Hz	\$0.66	\$6.62	
(d) 50 to 15000 Hz	\$0.88	\$8.83	
(2) Channel Mileage Termination, Per Termination			
(a) 200 to 3500 Hz	\$2.22	\$22.18	
(b) 100 to 5000 Hz	\$4.44	\$44.35	
(c) 50 to 8000 Hz	\$6.65	\$66.53	
(d) 50 to 15000 Hz	\$8.87	\$88.69	

(C) Optional Features and Functions

	Daily* Rate	Monthly Rate	Nonrecurring Charge Daily/Monthly
(1) Bridging Distribution Amplifier, Per Port	\$1.15	\$11.46	
(2) Gain Conditioning, Per Service	\$0.80	\$8.00	
(3) Stereo, Per Service	\$1.42	\$14.17	

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of NECA Tariff F.C.C. No. 5.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.5 Video Service

Daily*
Rate

Monthly
Rate

Nonrecurring
Charge

Regulations concerning Video Service are set forth in Section 7.8 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) TV-1 or 2	\$186.58	\$339.24	\$226.54
(2) 4TV-5	\$186.58	\$339.24	\$226.54
(3) 6TV-5	\$186.58	\$339.24	\$226.54
(4) TV-15	\$186.58	\$339.24	\$226.54

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile, All	\$158.81	\$288.74	
(2) Channel Mileage Termination, Per Termination, All	\$169.20	\$307.64	

7.1.6 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) 2.4 kbps		\$39.88	\$267.73
(2) 4.8 kbps		\$39.88	\$267.73
(3) 9.6 kbps		\$39.88	\$267.73
(4) 19.2 kbps		\$39.88	\$267.73
(5) 56.0 kbps		\$39.88	\$267.73
(6) 64.0 kbps		\$39.88	\$267.73

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of NECA Tariff F.C.C. No. 5.

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(N)(x)

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.6 Digital Data Service (Cont'd)

Monthly
Rate

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

(a) 2.4 kbps	\$0.86
(b) 4.8 kbps	\$0.86
(c) 9.6 kbps	\$0.86
(d) 19.2 kbps	\$0.86
(e) 56.0 kbps	\$2.27
(f) 64.0 kbps	\$2.27

(2) Channel Mileage Termination, Per Termination

(a) 2.4 kbps	\$14.69
(b) 4.8 kbps	\$14.69
(c) 9.6 kbps	\$14.69
(d) 19.2 kbps	\$14.69
(e) 56.0 kbps	\$30.42
(f) 64.0 kbps	\$30.91

(C) Optional Features and Functions

(1) Bridging, Per Port	\$5.05
(2) Loop Transfer Arrangement Per Four Port Arrangement*, Key Activated** or Dial-Up***	\$3.56

(D) Channel Service Unit, Per Termination****

(1) 2.4 kbps	\$17.83
(2) 4.8 kbps	\$17.83
(3) 9.6 kbps	\$17.83
(4) 56.0 kbps	\$17.83

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

** The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement as set forth in Section 13.3.4 of NECA Tariff F.C.C. No. 5.

**** Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.7 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

	Monthly Rate	Nonrecurring Charge
(1) DS1, 1.544 Mbps	\$110.37	\$264.20
(2) DS3, 44.736 Mbps	\$874.24	\$378.27

(B) Channel Mileage

	Monthly Rate	Nonrecurring Charge
(1) Channel Mileage Facility, Per Mile		
(a) 64 kbps#	\$2.98	
(b) 1.544 Mbps	\$5.93	
(c) 44.736 Mbps	\$52.43	
(2) Channel Mileage Termination, Per Termination		
(a) 64 kbps#	\$29.52	
(b) 1.544 Mbps	\$33.91	
(c) 44.736 Mbps	\$239.10	

(C) Optional Rate Plan Term Discounts DS1 & DS3 Services

<u>Term Commitment</u>	<u>Percentage</u>
36 Months	10%
60 Months	20%

(D) Optional Features and Functions

	Monthly Rate	Nonrecurring Charge
(1) Multiplexing, Per Arrangement		
(a) DS3 to DS1	\$206.04	
(b) DS1 to Voice*	\$119.87	
(c) DS1 to DS0	\$112.39	
(d) DS0 to Subrates		
- Up to 20 2.4 kbps	\$268.70	
- Up to 10 4.8 kbps	\$182.58	
- Up to 5 9.6 kbps	\$163.67	

Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

* A channel of this DS1 to the Hub can be used for Digital Data Service.

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(N)(x)

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.7 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Automatic Loop Transfer, Per Arrangement*

Monthly
Rate

Nonrecurring
Charge

\$90.71

(3) Transfer Arrangement (Key Activated** or Dial-Up***) Per Four Port Arrangement Including Control Channel Termination****

\$103.21

(4) Clear Channel Capability, Per 1.544 Mbps Transmission Path

None

(5) Shared SONET Ring Interoffice Transport, Per DS3 Channel Mileage Facility

None

(E) Network Channel Terminating Equipment (NCTE), Per Termination#

(1) 1.544 Mbps

\$51.45

(2) Automatic Loop Transfer

\$206.70

(F) DSL Access Service Connection

(1) Per 1.544 Mbps

ICB

ICB

(2) Per 44.736 Mbps

ICB

ICB

NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

* An additional Channel Termination charge will apply whenever a spare line is provided as a leg to the customer designated premises.

** The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement as set forth in Section 13.3.4 of NECA Tariff F.C.C. No. 5.

**** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

(x) Filed under authority of Special Permission No. 22-001 of the Federal Communications Commission.

(N)(x)

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Issued: March 31, 2022

Effective: April 1, 2022

Senior Director - Access Tariff Cost Development
60 Columbia Road, Bldg. A - 2nd Fl., Morristown, NJ 07960

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.2 Other Services - DS3 & Below

7.2.1 Access Ordering

Charge

NECA Tariff
F.C.C. No. 5
Section
Reference

Regulations concerning Access Ordering are set forth in Section 5 of NECA Tariff F.C.C. No. 5.

(A) Access Order Charge, Per Order

\$59.54

5.4.1

(B) Service Date Change Charge

5.4.3

Applied on a per order per occurrence basis for each service date changed. The Access Order Charge as specified in 7.2.1(A), preceding, does not apply.

- Service Data Change Charge, Per Order

\$41.19

(C) Design Change Charge

5.4.3

Applied on a per order per occurrence basis for each order requiring design change.

- Design Change Charge, Per Order

\$57.67

(D) Miscellaneous Service Order Charge, Per Occurrence

\$84.44

5.4.2

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.2 Other Services - DS3 & Below (Cont'd)

7.2.2 Additional Engineering

Regulations concerning Additional Engineering are set forth in Section 13 of NECA Tariff F.C.C. No. 5.

Additional Engineering Periods

	Each Half Hour or Fraction Thereof	NECA Tariff F.C.C. No. 5 Section Reference
(A) Basic Time, normally scheduled working hours, per engineer	\$21.30	13.1
(B) Overtime, outside of normally scheduled working hours, per engineer	\$31.96	13.1
(C) Premium Time, outside of scheduled work day, per engineer	\$42.60	13.1

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.2 Other Services - DS3 & Below (Cont'd)

7.2.3 Additional Labor

Regulations concerning Additional Labor are set forth in Section 13 of NECA Tariff F.C.C. No. 5.

Additional Labor Periods

(A) Installation or Repair

(1) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician	\$32.66	13.2.1 & 13.2.2
(2) Premium Time*, outside of scheduled work day, per technician	\$43.54	13.2.1 & 13.2.2

(B) Stand by

(1) Basic Time, normally scheduled working hours, per technician	\$14.54	13.2.3
(2) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician	\$21.81	13.2.3
(3) Premium Time*, outside of scheduled work day, per technician	\$29.08	13.2.3

(C) Testing and Maintenance with other Telephone Companies, or Other Labor

(1) Installation and Repair Technician		
(a) Basic Time, normally scheduled working hours, per technician	\$21.77	13.2.4 & 13.2.5
(b) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician	\$32.66	13.2.4 & 13.2.5
(c) Premium Time*, outside of scheduled work day, per technician	\$43.54	13.2.4 & 13.2.5
(2) Central Office Maintenance Technician		
(a) Basic Time, normally scheduled working hours, per technician	\$23.79	13.2.4 & 13.2.5
(b) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician	\$35.69	13.2.4 & 13.2.5
(c) Premium Time*, outside of scheduled work day, per technician	\$47.59	13.2.4 & 13.2.5

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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Transmittal No. 1659

(N)(x)

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Germantown (Cont'd)

7.2 Other Services - DS3 & Below (Cont'd)

7.2.4 Miscellaneous Services

Regulations concerning Miscellaneous Services are set forth in Section 13 of NECA Tariff F.C.C. No. 5.

(A) Additional Cooperative Acceptance Testing

Testing Periods

- Basic Time, Overtime* and Premium Time*

Each Half Hour or Fraction Thereof NECA Tariff F.C.C. No. 5 Section Reference

See the rates for Additional Labor as set forth in 7.2.3(C) preceding. 13.3.1(B)(1)

(B) Additional Manual Testing

Testing Periods

- Basic Time, Overtime* and Premium Time*

See the rates for Additional Labor as set forth in 7.2.3(C) preceding. 13.3.1(B)(2)

(C) Maintenance of Service

Maintenance of Service Periods

- Basic Time, Overtime* and Premium Time*

See the rates for Additional Labor as set forth in 7.2.3(C) preceding. 13.3.2

(D) Telecommunications Service Priority

- Per Service Arranged

Nonrecurring Charge

\$54.63 13.3.3

(E) Controller Arrangement

- Per Arrangement

Monthly Rate

\$100.00 13.3.4(A)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell

7.1 Special Access Services

7.1.1 Metallic Service

Regulations concerning Metallic Service are set forth in Section 7.4 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

Monthly
Rate

Nonrecurring
Charge

\$18.44

\$308.92

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

\$26.54

(2) Channel Mileage Termination, Per Termination

\$1.85

(C) Optional Features and Functions

(1) Bridging

(a) Three Premises Bridging, Per Port

\$3.74

(b) Series Bridging, Per Port

\$3.74

(2) DSL Access Service Connection

(a) Per 10BASE-T

ICB

ICB

(b) Per 100BASE-T

ICB

ICB

7.1.2 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.5 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) Two-Wire

\$18.44

\$308.92

(2) Four-Wire

\$36.89

\$308.92

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

\$2.21

(2) Channel Mileage Termination, Per Termination

\$22.18

(C) Optional Features and Functions

- Telegraph Bridging, Per Port

(1) Two-Wire

\$3.74

(2) Four-Wire

\$3.74

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60 Columbia Road, Bldg. A - 2nd Fl., Morristown, NJ 07960

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.3 Voice Grade Service

Monthly Rate	Nonrecurring Charge
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Regulations concerning Voice Grade Service are set forth in Section 7.6 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) Two-Wire	\$14.54	\$420.27
(2) Four-Wire	\$19.68	\$420.27

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile	\$0.81
(2) Channel Mileage Termination, Per Termination	\$8.97

(C) Optional Features and Functions

(1) Bridging

(a) Voice Bridging, Per Port

- Two-Wire	\$3.74
- Four-Wire	\$3.74

(b) Data Bridging, Per Port

- Two-Wire	\$3.74
- Four-Wire	\$3.74

(c) Telephoto Bridging, Per Port

- Two-Wire	\$3.74
- Four-Wire	\$3.74

(d) DATAPHONE Select-A-Station Bridging

- Sequential Arrangement, Ports

Per Channel Connected

- Two-Wire	\$12.62
- Four-Wire	\$67.57

- Addressable Arrangement, Ports

Per Channel Connected

- Two-Wire	\$13.63
- Four-Wire	\$59.02

(e) Telemetry and Alarm Bridging

- Active Bridging Channel Connections,

Per Channel Connected

- Split Band	\$5.95
- Summation	\$2.33

- Passive Bridging Channel Connections,

Per Channel Connected

\$0.16

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.3 Voice Grade Service (Cont'd)

Monthly
Rate

(C) Optional Features and Functions (Cont'd)

(2) Conditioning, Per Termination	
(a) C-Type	\$5.49
(b) Improved Attenuation Distortion#	None
(c) Improved Envelope Delay Distortion#	None
(d) Data Capability	\$3.80
(e) Telephoto Capability	\$5.18
(f) Sealing Current	None
(3) Improved Return Loss For Effective Two-Wire or Four-Wire Transmission, Per Termination	
(a) Two-Wire	\$5.97
(b) Four-Wire	\$5.97
(4) Customer Specified Receive Level, Per Two-Wire Termination	\$5.93
(5) Multiplexing Voice to Telegraph Grade, Per Arrangement	\$129.87
(6) Signaling Capability, Per Termination	\$10.44
(7) Selective Signaling Arrangement, Per Arrangement	\$3.74
(8) Transfer Arrangement (Key Activated* or Dial-Up**)	
(a) Per four port arrangement including control channel termination***	\$1.79
(b) Per five port arrangement including control channel termination***	\$4.11

Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

* The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

** The Dial-Up option requires the customer to purchase the Controller Arrangement as set forth in Section 13.3.4 of NECA Tariff F.C.C. No. 5.

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.4 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.7 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

	Daily* Rate	Monthly Rate	Nonrecurring Charge Daily/Monthly
(1) 200 to 3500 Hz	\$3.28	\$32.84	\$308.92
(2) 100 to 5000 Hz	\$5.72	\$57.17	\$308.92
(3) 50 to 8000 Hz	\$5.72	\$57.17	\$308.92
(4) 50 to 15000 Hz	\$5.72	\$57.17	\$308.92

(B) Channel Mileage

	Daily* Rate	Monthly Rate	Nonrecurring Charge Daily/Monthly
(1) Channel Mileage Facility, Per Mile			
(a) 200 to 3500 Hz	\$0.22	\$2.21	
(b) 100 to 5000 Hz	\$0.44	\$4.41	
(c) 50 to 8000 Hz	\$0.66	\$6.62	
(d) 50 to 15000 Hz	\$0.88	\$8.83	
(2) Channel Mileage Termination, Per Termination			
(a) 200 to 3500 Hz	\$2.22	\$22.18	
(b) 100 to 5000 Hz	\$4.44	\$44.35	
(c) 50 to 8000 Hz	\$6.65	\$66.53	
(d) 50 to 15000 Hz	\$8.87	\$88.69	

(C) Optional Features and Functions

	Daily* Rate	Monthly Rate	Nonrecurring Charge Daily/Monthly
(1) Bridging Distribution Amplifier, Per Port	\$1.15	\$11.46	
(2) Gain Conditioning, Per Service	\$0.80	\$8.00	
(3) Stereo, Per Service	\$1.42	\$14.17	

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of NECA Tariff F.C.C. No. 5.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.5 Video Service

<u>Daily*</u> <u>Rate</u>	<u>Monthly</u> <u>Rate</u>	<u>Nonrecurring</u> <u>Charge</u>
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Regulations concerning Video Service are set forth in Section 7.8 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) TV-1 or 2	\$186.58	\$339.24	\$226.54
(2) 4TV-5	\$186.58	\$339.24	\$226.54
(3) 6TV-5	\$186.58	\$339.24	\$226.54
(4) TV-15	\$186.58	\$339.24	\$226.54

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile, All	\$158.81	\$288.74	
(2) Channel Mileage Termination, Per Termination, All	\$169.20	\$307.64	

7.1.6 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

(1) 2.4 kbps		\$39.88	\$267.73
(2) 4.8 kbps		\$39.88	\$267.73
(3) 9.6 kbps		\$39.88	\$267.73
(4) 19.2 kbps		\$39.88	\$267.73
(5) 56.0 kbps		\$39.88	\$267.73
(6) 64.0 kbps		\$39.88	\$267.73

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of NECA Tariff F.C.C. No. 5.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.6 Digital Data Service (Cont'd)

Monthly
Rate

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

(a) 2.4 kbps	\$0.86
(b) 4.8 kbps	\$0.86
(c) 9.6 kbps	\$0.86
(d) 19.2 kbps	\$0.86
(e) 56.0 kbps	\$2.27
(f) 64.0 kbps	\$2.27

(2) Channel Mileage Termination, Per Termination

(a) 2.4 kbps	\$14.69
(b) 4.8 kbps	\$14.69
(c) 9.6 kbps	\$14.69
(d) 19.2 kbps	\$14.69
(e) 56.0 kbps	\$30.42
(f) 64.0 kbps	\$30.91

(C) Optional Features and Functions

(1) Bridging, Per Port	\$5.05
(2) Loop Transfer Arrangement Per Four Port Arrangement*, Key Activated** or Dial-Up***	\$3.56

(D) Channel Service Unit, Per Termination****

(1) 2.4 kbps	\$17.83
(2) 4.8 kbps	\$17.83
(3) 9.6 kbps	\$17.83
(4) 56.0 kbps	\$17.83

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

** The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement as set forth in Section 13.3.4 of NECA Tariff F.C.C. No. 5.

**** Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

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(N)(x)

Transmittal No. 1659

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.7 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of NECA Tariff F.C.C. No. 5.

(A) Channel Termination, Per Termination

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) DS1, 1.544 Mbps	\$86.28	\$264.20
(2) DS3, 44.736 Mbps	\$699.39	\$378.27

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile		
(a) 64 kbps#	\$2.98	
(b) 1.544 Mbps	\$3.31	
(c) 44.736 Mbps	\$30.58	
(2) Channel Mileage Termination, Per Termination		
(a) 64 kbps#	\$29.52	
(b) 1.544 Mbps	\$19.66	
(c) 44.736 Mbps	\$165.91	

(C) Optional Rate Plan Term Discounts DS1 & DS3 Services

<u>Term Commitment</u>	<u>Percentage</u>
36 Months	10%
60 Months	20%

(D) Optional Features and Functions

(1) Multiplexing, Per Arrangement		
(a) DS3 to DS1	\$153.25	
(b) DS1 to Voice*	\$119.87	
(c) DS1 to DS0	\$112.39	
(d) DS0 to Subrates		
- Up to 20 2.4 kbps	\$268.70	
- Up to 10 4.8 kbps	\$182.58	
- Up to 5 9.6 kbps	\$163.67	

Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

* A channel of this DS1 to the Hub can be used for Digital Data Service.

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(N)(x)

Transmittal No. 1659

BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.1 Special Access Services (Cont'd)

7.1.7 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(2) Automatic Loop Transfer, Per Arrangement*	\$90.71	
(3) Transfer Arrangement (Key Activated** or Dial-Up***) Per Four Port Arrangement Including Control Channel Termination****	\$103.21	
(4) Clear Channel Capability, Per 1.544 Mbps Transmission Path	None	
(5) Shared SONET Ring Interoffice Transport, Per DS3 Channel Mileage Facility	None	

(E) Network Channel Terminating Equipment (NCTE), Per Termination#

(1) 1.544 Mbps	\$51.45	
(2) Automatic Loop Transfer	\$206.70	

(F) DSL Access Service Connection

(1) Per 1.544 Mbps	ICB	ICB
(2) Per 44.736 Mbps	ICB	ICB

NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

* An additional Channel Termination charge will apply whenever a spare line is provided as a leg to the customer designated premises.

** The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement as set forth in Section 13.3.4 of NECA Tariff F.C.C. No. 5.

**** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.2 Other Services - DS3 & Below

7.2.1 Access Ordering

Charge

NECA Tariff
F.C.C. No. 5
Section
Reference

Regulations concerning Access Ordering are set forth in Section 5 of NECA Tariff F.C.C. No. 5.

(A) Access Order Charge, Per Order

\$59.54

5.4.1

(B) Service Date Change Charge

5.4.3

Applied on a per order per occurrence basis for each service date changed. The Access Order Charge as specified in 7.2.1(A), preceding, does not apply.

- Service Data Change Charge, Per Order

\$41.19

(C) Design Change Charge

5.4.3

Applied on a per order per occurrence basis for each order requiring design change.

- Design Change Charge, Per Order

\$57.67

(D) Miscellaneous Service Order Charge, Per Occurrence

\$84.44

5.4.2

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.2 Other Services - DS3 & Below (Cont'd)

7.2.2 Additional Engineering

Each Half Hour or Fraction Thereof	NECA Tariff F.C.C. No. 5 Section Reference
---------------------------------------------	-----------------------------------------------------

Regulations concerning Additional Engineering are set forth in Section 13 of NECA Tariff F.C.C. No. 5.

Additional Engineering Periods

(A) Basic Time, normally scheduled working hours, per engineer	\$21.30	13.1
(B) Overtime, outside of normally scheduled working hours, per engineer	\$31.96	13.1
(C) Premium Time, outside of scheduled work day, per engineer	\$42.60	13.1

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.2 Other Services - DS3 & Below (Cont'd)

7.2.3 Additional Labor

Each Half Hour or Fraction Thereof	NECA Tariff F.C.C. No. 5 Section Reference
---------------------------------------------	-----------------------------------------------------

Regulations concerning Additional Labor are set forth in Section 13 of NECA Tariff F.C.C. No. 5.

Additional Labor Periods

(A) Installation or Repair

- | | | |
|----------------------------------------------------------------------------------------------------|---------|--------------------|
| (1) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician | \$32.66 | 13.2.1 &
13.2.2 |
| (2) Premium Time*, outside of scheduled work day, per technician | \$43.54 | 13.2.1 &
13.2.2 |

(B) Stand by

- | | | |
|----------------------------------------------------------------------------------------------------|---------|--------|
| (1) Basic Time, normally scheduled working hours, per technician | \$14.54 | 13.2.3 |
| (2) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician | \$21.81 | 13.2.3 |
| (3) Premium Time*, outside of scheduled work day, per technician | \$29.08 | 13.2.3 |

(C) Testing and Maintenance with other Telephone Companies, or Other Labor

- | | | |
|----------------------------------------------------------------------------------------------------|---------|--------------------|
| (1) Installation and Repair Technician | | |
| (a) Basic Time, normally scheduled working hours, per technician | \$21.77 | 13.2.4 &
13.2.5 |
| (b) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician | \$32.66 | 13.2.4 &
13.2.5 |
| (c) Premium Time*, outside of scheduled work day, per technician | \$43.54 | 13.2.4 &
13.2.5 |
| (2) Central Office Maintenance Technician | | |
| (a) Basic Time, normally scheduled working hours, per technician | \$23.79 | 13.2.4 &
13.2.5 |
| (b) Overtime*, outside of normally scheduled working hours on a scheduled work day, per technician | \$35.69 | 13.2.4 &
13.2.5 |
| (c) Premium Time*, outside of scheduled work day, per technician | \$47.59 | 13.2.4 &
13.2.5 |

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(x) Filed under authority of Special Permission No. 22-001 of the Federal Communications Commission.

(N)(x)

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BUSINESS DATA SERVICES ACCESS SERVICE

(N)(x)

7. Rates and Charges - Hanson Communications of Ohio, LLC - Orwell (Cont'd)

7.2 Other Services - DS3 & Below (Cont'd)

7.2.4 Miscellaneous Services

Regulations concerning Miscellaneous Services are set forth in Section 13 of NECA Tariff F.C.C. No. 5.

(A) Additional Cooperative Acceptance Testing

Testing Periods

- Basic Time, Overtime* and Premium Time*

Each Half
Hour or
Fraction
Thereof
NECA Tariff
F.C.C. No. 5
Section
Reference

See the rates for Additional Labor as set forth in 7.2.3(C) preceding. 13.3.1(B)(1)

(B) Additional Manual Testing

Testing Periods

- Basic Time, Overtime* and Premium Time*

See the rates for Additional Labor as set forth in 7.2.3(C) preceding. 13.3.1(B)(2)

(C) Maintenance of Service

Maintenance of Service Periods

- Basic Time, Overtime* and Premium Time*

See the rates for Additional Labor as set forth in 7.2.3(C) preceding. 13.3.2

(D) Telecommunications Service Priority

- Per Service Arranged

Nonrecurring
Charge

\$54.63 13.3.3

(E) Controller Arrangement

- Per Arrangement

Monthly
Rate

\$100.00 13.3.4(A)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(x) Filed under authority of Special Permission No. 22-001 of the Federal Communications Commission.

(N)(x)

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