

**AT&T**

American Telephone and  
Telegraph Company  
295 North Maple Avenue  
Basking Ridge, N. J. 07920  
Phone (201) 221-2000

RIL#27

October 30, 1980

Mr. P. M. Steider  
Traffic Routing Engineer  
American Telephone & Telegraph Company  
811 Main Street - Room 681  
P.O. Box 1418  
Kansas City, Missouri 64141

Dear Paul,

It is starting to look as if I've developed an addiction to writing these routing information letters, but each time it appears necessary and this is no exception. This one is about the tariff change for WATS and 800 Service.

There are many changes in the tariff but the only part affecting routing, at least as near as I can tell, is the change in service areas. This could cause revision of the allowable NPA(s) in serving office screening for WATS (outward) subscribers and changes in code conversion for band digits at your OSO(s) to specific terminating WATS States for 800 Service.

Attached are sheets which will help you layout the new band structure between the WATS States and the NPA(s). If you are interested in setting up the screening for (outward) WATS, determine the WATS State of the serving office, find the State on the left side and read across noting the band changes. The affected NPA(s) can be found at the top of the column where the band changes are noted.

To change the band digits in the OSO(s) for 800 Service, determine the NPA(s) which the OSO serves. Find the NPA(s) across the top and read down the column(s) for the band changes. Note the WATS States affected, determine the 800 NXX corresponding to the WATS State and initiate the appropriate measures to change the code conversion to the new band digit for the INB and/or 08B.

The changes in the OSO(s), ideally, should be done between close of business on the day preceding the effective date of the tariff, and opening of business on the effective date. In some cases, this may not be possible, so try to bring it in as close as possible, but not more than one week in advance.

A word of caution the attachments were retyped because of the poor quality of the copies I received. There may be errors so if you have any questions at all regarding an individual change please call me on 201-221-4759.

*Bill*

W. B. Plossl  
District Manager - Routing

Copies to all Routing Supervisors

	201	202	203	205	206	207	208	209	212	213	214	215	216	217	218	219	301	302	303	304	305	307	308	309
ALABAMA	4	3	5-4	0	5	5	5	5	4	5	3	4	3	2	5-4	2	3	4	5	3	1	5	5-4	3
ARIZONA	5	5	5	4	3	5	3-2	2	5	1	3	5	5	4	4	5-4	5	5	1	5	5	2	3	4
ARKANSAS	5	4	5	2	5	5	5	5	5	5	1	4	3	2	4	3	5-4	5-4	4	3	3	5-4	3	2
CALIFORNIA-N	5	5	5	5-4	1	5	1	0	5	0	3	5	5	4	4-3	4	5	5	2	5	5	2	3-2	4
CALIFORNIA-S	5	5	5	5-4	2	5	2	0	5	0	3	5	5	4	4-3	4	5	5	2	5	5	2	3	4
COLORADO	5	5	5	5	4	5	3-2	4-3	5	4-3	3	5	5	4	3	4	5	5	0	5	5	1	1	4
CONNECTICUT	1	2	0	4-3	5	2	5	5	1	5	5	2-1	3-2	3	4	3	2	2	5	3-2	4	5	4	3
DELAWARE	1	1	2	4-3	5	3	5	5	1	5	5	1	3	3	4	3	1	0	5	2	4-3	5	5-4	3
DIST. OF COLUMBIA	1	0	2	4-3	5	3	5	5	2	5	5	1	3-2	3	4	3	1	1	5	1	4-3	5	5-4	3
FLORIDA	3	2	4	1	5	5	5	5	4	5	4-3	3	3	3	5	2	2	2	5	2	0	5	5-4	3
GEORGIA	3	3	4	1	5	5	5	5	4-3	5	4	3	3	2	5	2	3	3	5	2	1	5	5-4	3
IDAHO	5	5	5	5	1	5	0	2	5	3-2	4	5	5	4	3	5-4	5	5	2	5	5	1	3	4
ILLINOIS-N	4	4	5	3	5	5	5	5	4	5	5-4	3	2	0	2	1	4	4	5-4	3-2	5	5	3	0
ILLINOIS-S	4	4	5	3-2	5	5	5	5	4	5	5-4	3	2	0	3	1	4	4	5-4	3	5	5	3	0
INDIANA	4	3	4	3	5	5	5	5	4-3	5	5	3	1	1	4-3	0	3	3	5	2	5-4	5	4	1
IOWA	5	5-4	5	3	5	5	5	5	5	5	4	4	3	1	1	2	5-4	5	3	3	5	3	1	1
KANSAS	5	5	5	4-3	5	5	4	5	5	5	2	5	4	3-2	3	3	5	5	1	4	5	3	1	3
KENTUCKY	3	3	4	2	5	5	5	5	4	5	5-4	3	2	1	4	1	3	3	5	1	4	5	4	2
LOUISIANA	5-4	4	5	1	5	5	5	5	5	5	1	4	3	2	4	3	4	3	5	1	4	5	4	2
MAINE	2-1	2	1	4	5	0	5	5	1	5	5	2	2	3	4-3	3	2	2	5	3-2	4	5	4	3
MARYLAND	1	1	2	4-3	5	3	5	5	2-1	5	5	1	3-2	3	4	3	0	1	5	1	4-3	5	5-4	3
MASSACHUSETTS	1	2	1	4-3	5	2-1	5	5	1	5	5	2-1	3-2	3	4	3	2	2	5	2	4	5	5-4	3
MICHIGAN-N	3	3	3	4	5	4	5	5	4-3	5	5	3	2-1	2	1	2	3	3	5-4	3	5-4	5	4	1
MICHIGAN-S	3	3-2	3	4	5	4	5	5	3	5	5	2	1	2	3	1	3	3	5-4	2	5-4	5	4	1
MINNESOTA	5	4	5	4	5	5	4	5	4	5	5-4	4-3	3	2	0	3-2	5-4	5	3	3	5	3	1	2-1
MISSISSIPPI	4	4	5	1	5	5	5	5	5	5	1	4	3	2	4	3	4	4	5-4	3	2	5	4	3
MISSOURI	5	4	5	3	5	5	5	5	5	5	3	4	3	1	3	2	4	5-4	4	4-3	5-4	5-4	1	1
MONTANA	5	5	5	5	1	5	1	3-2	5	3	4	5	5-4	4	2	5-4	5	5	2	5	1	2	4	4
NEBRASKA	5	5	5	4	5	5	4-3	5	5	5	3	5	4	3	2	3	5	5	1	4	5	0	3-2	3
NEVADA	5	5	5	5	2	5	1	1	5	1	3	5	5	4	4	4	5	5	3-2	5	5	2	3	4
NEW HAMPSHIRE	2-1	2	1	4	5	1	5	5	1	5	5	2	3-2	3	4	3	2	2	5	3-2	4	5	5-4	3
NEW JERSEY	0	1	1	4-3	5	3	5	5	1	5	5	1	3-2	3	4	3	1	1	5	2	4	5	5-4	3
NEW MEXICO	5	5	5	4	5-4	5	3	3	5	3	2	5	5	4	4	5-4	5	5	1	5	5	2	2	4
NEW YORK-NE	1	2	1	4-3	5	2	5	5	0	5	5	1	2	3	4	3	2-1	2-1	5	2	4	5	4	3
NEW YORK-SE	1	2-1	1	4-3	5	2	5	5	0	5	5	1	2	3	4	3	2-1	1	5	2	4	5	4	3
NEW YORK-W	1	1	2	4-3	5	3-2	5	5	0	5	5	1	1	3	4	3	2-1	2-1	5	2	4	5	4	3
NORTH CAROLINA	2	1	3	3-2	5	4	5	5	3	5	5-4	2	2	3	4	3	1	1	5	1	3	5	5-4	3
NORTH DAKOTA	5	5	5	5	3	5	3-2	5-4	5	5-4	4	5	4	3	1	3	5	5	2	5-4	5	1	1	2
OHIO-N	3	2	3	4-3	5	4	5	5	3	5	5	2	0	2	4	1	2	3-2	5	1	4	5	5-4	2
OHIO-S	3	2	3	4-3	5	4	5	5	3	5	5	2	0	2	4	1	2	3	5	1	4	5	5-4	2
OKLAHOMA	5	5	5	3	5	5	5	5	5	5	1	5	4	3	3	3	5	5	1	4	4	4-3	2	3
OREGON	5	5	5	5	1	5	1	1	5	2	4-3	5	5	4	3	5-4	5	5	3	5	5	2	3	4
PENNSYLVANIA-E	1	2-1	2-1	4-3	5	3	5	5	1	5	5	0	2	3	4	3	1	1	5	2	4	5	5-4	3
PENNSYLVANIA-W	2	1	2	4-3	5	3	5	5	2	5	5	0	1	3	4	3	1	1	5	1	4	5	5-4	3
RHODE ISLAND	1	2	1	4-3	5	2	5	5	1	5	5	2	3-2	3	4	3	2	2	5	3-2	4	5	4	3
SOUTH CAROLINA	3	2	4-3	1	5	4	5	5	3	5	5-4	3	2	3	5	3-2	2	2	5	1	2	5	5	3
SOUTH DAKOTA	5	5	5	5-4	4	5	3	5	5	5	4-3	5	4	3	1	3	5	5	2	5-4	5	1	1	3-2
TENNESSEE	4	3	5-4	1	5	5	5	5	4	5	4	3	2	2	5-4	2	3	4	5	2	3	5	5-4	2
TEXAS-E	5	5	5	2	5	5	5-4	5	5	5	0	5	4	2	4	3	5	5	3-2	4	4-3	3	2	3
TEXAS-S	5	5	5	2	5	5	5-4	5	5	5	0	5	4	3	4	3	5	5	2	4	4-3	3	3	3
TEXAS-W	5	5	5	3	5	5	5-4	5	5	5	0	5	4	3	4	3	5	5	1	4	4-3	3	2	3
UTAH	5	5	5	5	3	5	1	2	5	2	3	5	5	4	4	4	5	5	1	5	5	1	3	4
VERMONT	2-1	2	1	4	5	1	5	5	1	5	5	2	2	3	4	3	2	2	5	3-2	4	5	4	3
VIRGINIA	2	1	3	3	5	4	5	5	3-2	5	5	2	2	3	4	3	1	1	5	1	4-3	5	5-4	3
WASHINGTON	5	5	5	5	0	5	1	1	5	2	4	5	5	4	3	5	5	5	3	5	5	2	3	4
WEST VIRGINIA	2	1	3	4-3	5	4	5	5	3	5	5	2	1	3	4	2	1	2	5	0	4	5	5-4	3
WISCONSIN	4	4-3	5-4	4	5	5	5	5	3	5	5	3	2	2	1	2	4-3	4	4	3	5	4	3-2	1
WYOMING	5	5	5	5	3	5	1	3	5	3	4	5	5	4	3	5-4	5	5	1	5	5	0	1	4

	312	313	314	315	316	317	318	319	401	402	404	405	406	408	412	413	414	415	417	419	501	502	503	504
ALABAMA	3	4	2	4	4	2	1	3	5-4	5-4	1	3	5	5	4	5	4	5	2	3	2	1	5	1
ARIZONA	4	5	4	5	3	5-4	4	4	5	3	5	3	3	2	5	5	4	2	4	5	4-3	5-4	3	4
ARKANSAS	2	4	1	5	2	3	1	3	5	3	3	1	5	4	5	3	5	1	3	0	2	5	1	4
CALIFORNIA-W	4	4	4-3	5	3	4	4	3	5	3-2	5	3	2	0	5	5	4	0	4-3	5	4	5-4	1	4
CALIFORNIA-S	4	4	4-3	5	3	4	4	3	5	3	5	3	3	0	5	5	4	0	4-3	5	4	5-4	1	4
COLORADO	4	5-4	3	5	1	4	4	3	5	1	5	1	2	4-3	5	5	4	4-3	3	5	3	5	4	4
CONNECTICUT	3	3	4	1	4	3	4	4	1	4	3	5-4	5	5	2	1	4-3	5	4	3-2	4	3	5	4
DELAWARE	3	3	4	2	4	3	4	4	2	5-4	3	4	5	5	2	2	4	5	4	3	4	3	5	4
DIST. OF COLUMBIA	3	3	4	3-2	4	3	4	4	3-2	5-4	3	4	5	5	1	3	4	5	4	3-2	4	3	5	4
FLORIDA	3	4	3	4	5-4	2	1	4	4	5-4	1	3	5	5	3	4	5-4	5	3	3	2	2	5	1
GEORGIA	3	3	3	4-3	5-4	2	2	4	4	5-4	0	4	5	5	3	4	4	5	3	3	2	1	5	2
IDAHO	4	4	4-3	5	3	5-4	5-4	3	5	3	5	3	1	2	5	5	4-3	2	4-3	5	4	5-4	1	5-4
ILLINOIS-W	0	1	2-1	4	3	1	4-3	1	5	3	3	3	5	5	3	5	1	5	2-1	2	3-2	2	5	4-3
ILLINOIS-S	0	2	1	4	3	1	4-3	1	5	3	3	3	5	5	3	5	2	5	1	2	2	1	5	4-3
INDIANA	1	1	2	4-3	4	0	4	3-2	4	4	3	4	5	5	2	4	2	5	2	1	3	1	5	4
IOWA	1	2	1	5	2	2	4-3	0	5	1	4	3-2	4	5	4	5	1	5	1	3	3	3	5	4-3
KANSAS	3	4	1	5	0	3	3	1	5	1	4	1	4	5	5	3	5	1	4	2	4-3	5	3	5
KENTUCKY	2	3	1	4	4	1	3	3	4	4	2	4	5	5	3	4	3	5	1	2	3	0	5	3
LOUISIANA	3	4	2	5	3	3	0	3	5	3	2	1	5	5	4	5	4	5	2	3	1	2	5	0
MAINE	3	3	4	1	5-4	3	5-4	4	1	4	4-3	5-4	5	5	2	1	3	5	4	2	4	3	5	5-4
MARYLAND	3	3	4	2	4	3	4	4	2	5-4	3	4	5	5	1	3-2	4	5	4	3-2	4	3	5	4
MASSACHUSETTS	3	3	4	1	4	3	4	4-3	1	5-4	3	5-4	5	5	2	0	4-3	5	4	3-2	4	3	5	4
MICHIGAN-W	1	0	2	3	4	2	5-4	1	3	4	4	4	5	5	2	3	1	5	2	2-1	4	3-2	5	5-4
MICHIGAN-S	1	0	3	3-2	4	1	5-4	2	4-3	4	4	4	5	5	2	4-3	1	5	3	1	4	2	5	5-4
MINNESOTA	2-1	2	2	4	2	3-2	5-4	1	5	1	5	3	3	5	4-3	5	1	5	2	3	3	3	5	5-4
MISSISSIPPI	3	4	2	5	3	3	1	3	5	4	1	2	5	5	4	5	4-3	5	2	3	1	2	5	1
MISSOURI	1	3	0	5	1	2	3-2	1	5	1	4-3	1	5	5	4	5	2	5	0	3	1	1	5	3-2
MONTANA	4	4	4-3	5	3	5-4	5	3	5	2	5	4-3	0	3-2	5	5	3	3-2	4-3	5-4	4	5-4	2-1	5
NEBRASKA	3-2	4-3	1	5	1	3	4	1	5	0	5-4	2	3	5	5	5	2	5	1	4	3	4	5-4	4
NEVADA	4	5-4	4	5	3	4	4	4-3	5	3	5	3	3	1	5	5	4	1	4	5	4	5	1	4
NEW HAMPSHIRE	3	3	4	1	5-4	3	4	4-3	1	5-4	4-3	5-4	5	5	2	1	3	5	4	3-2	4	3	5	4
NEW JERSEY	3	3	4	2	4	3	4	4	2-1	5-4	3	4	5	5	2	2-1	4-3	5	4	3-2	4	3	5	4
NEW MEXICO	4	5	3	5	2	5-4	3	3	5	2	5	1	4-3	3	5	5	4	3	3	5	3	5-4	4	3
NEW YORK-NE	3	3-2	4-3	0	4	3	4	4-3	1	4	3	5-4	5	5	1	1	3	5	4-3	2	4	3	5	4
NEW YORK-SE	3	3	4-3	0	4	3	4	4-3	1	4	3	5-4	5	5	2	1	3	5	4-3	2	4	3	5	4
NEW YORK-W	3	2	4-3	0	4	3	4	4-3	3-2	4	3	5-4	5	5	1	2	3	5	4-3	1	4	3	5	4
NORTH CAROLINA	3	4-3	4	3	4	3	4	4	3	5-4	1	4	5	5	2	3	4	5	4	2	4	2	5	4
NORTH DAKOTA	2	3	3	5	2	3	5	2-1	5	1	5	3	1	5-4	5	5	2	5-4	3	4	3	4	4-3	5
OHIO-W	2	1	3	3	4	1	4	4-3	4	5-4	3	4	5	5	1	4-3	3	5	3	0	4	1	5	4
OHIO-S	3-2	1	3	3	4	1	4	4-3	4	5-4	3	4	5	5	1	4-3	3	5	3	0	4	1	5	4
OKLAHOMA	3	4	1	5	1	3	2	3	5	2	4	0	5-4	5	5	3	5	1	4	1	3	5	2	4
OREGON	4	4	4	5	3	5-4	5-4	3	5	3	5	3	2	1	5	5	4	1	4	5	4	5	0	5-4
PENNSYLVANIA-E	3	3	4-3	1	4	3	4	4	2	5-4	3	4	5	5	0	2	4-3	5	4-3	2	4	3	5	4
PENNSYLVANIA-W	3	3-2	4-3	1	4	3	4	4	3	5-4	3	4	5	5	0	2	4-3	5	4-3	1	4	3	5	4
RHODE ISLAND	3	3	4	2-1	4	3	4	4	0	4	3	5-4	5	5	2	1	4-3	5	4	3-2	4	3	5	4
SOUTH CAROLINA	3	4	4-3	5	4	3-2	3	4	4	5	1	4	5	5	2	4	4	5	4-3	2	3	1	5	3
SOUTH DAKOTA	3-2	3	2	5	2	3	5-4	1	5	1	5	3	1	5	5	5	2	5	2	4	3	4	4	5-4
TENNESSEE	2	3	1	4	4	2	3	3	5-4	5-4	1	4-3	5	5	3	5	3	5	1	2	1	1	5	3
TEXAS-E	3	4	1	5	1	3	1	3	5	2	3	1	5-4	5	5	5	4	5	1	4	1	3	5	1
TEXAS-S	3	4	2	5	1	3	1	3	5	3	3	1	5-4	5	5	5	4-3	5	2	4	1	3	5	1
TEXAS-W	3	4	2	5	1	3	2	3	5	2	3	1	5-4	5	5	5	4	5	2	4	1	3	5	2
UTAH	4	5-4	4	5	3	4	4	4-3	5	3	5	3	3-2	2	5	5	4	2	4	5	4	5	3	4
VERMONT	3	3	4	1	5-4	3	5-4	4-3	1	4	4-3	5-4	5	5	2	1	3	5	4	2	4	3	5	5-4
VIRGINIA	3	3	4	3	4	3	4	3	5-4	3	4	5	5	1	3	4	5	4	2	4	1	5	4	4
WASHINGTON	4	4	4-3	5	3	5	5	3	5	3	5	3	1	1	5	5	4-3	1	4-3	5	4	5	1	5
WEST VIRGINIA	3	3	4-3	3	4	2	4	4	3	5-4	3	4	5	5	1	3	4-3	5	4-3	1	4	1	5	4
WISCONSIN	1	1	2	3	3	2	5-4	1	5-4	3-2	4	4-3	5-4	5	3	5-4	0	5	2	2	3	3	5	5-4
WYOMING	4	4	4-3	5	2	5-4	5-4	3	5	1	5	3	1	3	5	5	4-3	3	4-3	5	4	5-4	3-2	5-4

	505	507	509	512	513	515	516	517	518	601	602	603	605	606	607	608	609	612	614	615	616	617	618	701
ALABAMA	5	5-4	5	3	2	3	4	4	4	1	5	5	5	1	4	4	4	5-4	2	1	4	5	2	5
ARIZONA	1	4	3	3	5	4	5	5	5	4	0	5	3	5-4	5	4	5	4	5	5-4	5	5	4	4-3
ARKANSAS	4	4	5	3	3	3	5	4	5	1	5	5	4	2	5	3	5	4	3	1	4	5	2	5-4
CALIFORNIA-N	3-2	4-3	1	3	5	3	5	4	5	4	2-1	5	3	5-4	5	4	5	4-3	5	5-4	4	5	4	3
CALIFORNIA-S	1	4-3	2	3	5	3	5	4	5	4	1	5	3	5-4	5	4	5	4-3	5	5-4	4	5	4	3
COLORADO	1	3	4	4	5	3	5	5-4	5	4	1	5	2	5	5	4	5	3	5	5-4	5-4	5	4	3
CONNECTICUT	5	4	5	5	3-2	4	1	3	1	4	5	1	5-4	3	1	4-3	1	4	3-2	3	3	1	3	5-4
DELAWARE	5	4	5	5	3-2	4	1	3	2	4	5	3-2	5-4	3	2	4	1	4	3-2	3	3	2	3	5-4
DIST. OF COLUMBIA	5	4	5	5	2	4	2	3	3-2	4	5	3	5-4	3	3-2	4	1	4	2	3	3	3	3	5-4
FLORIDA	5	5	5	4-3	2	4	4	4	4	1	5	5-4	5	2	4	5-4	3	5	2	1	4	4	3	5
GEORGIA	5	5	5	4	2	4	4-3	3	4-3	1	5	5-4	5	1	4-3	4	3	5	2	1	3	4	2	5
IDAHO	3	3	1	4	5	3	5	4	5	5-4	3	5	3	5-4	5	4-3	5	3	5	5	4	5	4	3
ILLINOIS-N	5	2	5	5-4	2	1	4	1	4	3	5	5	4	2	4	1	4	2	2	2	1	5	0	4
ILLINOIS-S	5	3	5	5-4	1	1	4	2	4	2	5	5	4	1	4	2	4	3	1	1	2	5	0	4
INDIANA	5	4-3	5	5	1	3-2	4-3	1	4-3	3	5	5-4	4	1	4-3	2	4	4-3	1	2	1	4	1	5-4
IOWA	4	1	5	4	3	0	5	2	5	3	5	5	1	3	5	1	5	1	3	3	2	5	1	3
KANSAS	2	3	5	3	4	1	5	4	5	3	4	5	2-1	4-3	5	3	5	3	4	3	4	5	3-2	3
KENTUCKY	5	4	5	5-4	1	3	4	3	4	3	5	5-4	5	0	4	3	3	4	1	1	3	4	1	5
LOUISIANA	4-3	4	5	1	3	3	5	4	5	1	5	5	4	2	5	4	5-4	4	3	2	4	5	2	5
MAINE	5	4-3	5	5	3	4	1	3	1	4	5	1	4	3	1	3	2-1	4-3	3	4-3	3	1	3	4
MARYLAND	5	4	5	5	3-2	4	2-1	3	2	4	5	3	5-4	3	2	4	1	4	3-2	3	3	3-2	3	5-4
MASSACHUSETTS	5	4	5	5	3-2	4-3	1	3	1	4	5	1	4	3	1	4-3	1	4	3-2	3	3	0	3	5-4
MICHIGAN-N	5	1	5	5	2	1	4-3	0	3	4	5	3	4-3	3-2	3	1	3	1	2	3	0	3	2	4-2
MICHIGAN-S	5	3	5	5	1	2	3	0	3-2	4	5	4-3	4-3	2	3-2	1	3	3	1	3	0	4-3	2	4
MINNESOTA	4	0	5	5-4	3	1	4	2	4	4	5	5	1	3	4	1	5	0	3	3	2	5	2	1
MISSISSIPPI	4	4	5	3	3	3	5	4	5	0	5	5	5-4	2	5	4-3	4	4	3	1	4	5	2	5
MISSOURI	4	3	5	3	3	1	5	3	5	2	5	5	3	1	5	2	5	3	3	1	3	5	1	4
MONTANA	3	2	1	4	5-4	3	5	4	5	5	3	5	1	5-4	5	3	5	2	5-4	5	4	5	4	1
NEBRASKA	3	2	5	3	4	1	5	4-3	5	4	4	5	1	4	5	2	5	2	4	4	4-3	5	3	2
NEVADA	3	4	2	3	5	4-3	5	5-4	5	4	1	5	3	5	5	4	5	4	5	5-4	5-4	5	4	3
NEW HAMPSHIRE	5	4	5	5	3-2	4-3	1	3	1	4	5	0	4	3	1	3	2-1	4	3-2	4-3	3	1	3	4
NEW JERSEY	5	4	5	5	3-2	4	1	3	2	4	5	2	5-4	3	2	4-3	0	4	3-2	3	3	2-1	3	5-4
NEW MEXICO	0	4	5-4	2	5	3	5	5	5	4	1	5	3	5-4	5	4	5	4	5	4	5	5	4	4
NEW YORK-NE	5	4	5	5	2	4-3	0	3-2	0	4	5	1	4	3	0	3	1	4	2	3	3-2	1	3	5-4
NEW YORK-SE	5	4	5	5	2	4-3	0	3	0	4	5	1	4	3	0	3	1	4	2	3	3	1	3	5-4
NEW YORK-W	5	4	5	5	2	4-3	0	2	0	4	5	3-2	4	3	0	3	1	4	2	3	2	2	3	5-4
NORTH CAROLINA	5	4	5	5-4	1	4	3	4-3	3	3	5	4	5	2	3	4	2	4	1	1	4-3	3	3	5
NORTH DAKOTA	3	1	3	4	4	2-1	5	3	5	5-4	4	5	1	4	5	2	5	1	4	4	3	5	3	0
OHIO-N	5	4	5	5	0	4-3	3	1	3	4	5	4	5-4	1	3	3	3	4	0	3-2	1	4-3	2	5-4
OHIO-S	5	4	5	5	0	4-3	3	1	3	4	5	4	5-4	1	3	3	3	4	0	2	1	4-3	2	5-4
OKLAHOMA	1	3	5	2	4	3	5	4	5	3-2	4	5	3	3	5	3	5	3	4	3	4	5	3	4
OREGON	3	3	1	4-3	5	3	5	4	5	5-4	3-2	5	3	5	5	4	5	3	5	3	5	4	5	3
PENNSYLVANIA-E	5	4	5	5	3-2	4	1	3	1	4	5	2	5-4	3	1	4-3	1	4	3-2	3	3	2	3	5-4
PENNSYLVANIA-W	5	4	5	5	1	4	2	3-2	1	4	5	3	5-4	3	1	4-3	2	4	1	3	3-2	2	3	5-4
RHODE ISLAND	5	4	5	5	3	4	1	3	2-1	4	5	1	5-4	3	2-1	4-3	1	4	3	3	3	1	3	5-4
SOUTH CAROLINA	5	5	5	5-4	2	4	3	4	3	3	5	4	5	1	3	4	3	5	2	1	4	4	3	5
SOUTH DAKOTA	3	1	4	4-3	4	1	5	3	5	4	4	5	0	4	5	2	5	1	4	4	3	5	3	1
TENNESSEE	5	5-4	5	4	2	3	4	3	4	1	5	5	5	1	4	3	4	5-4	2	0	3	5	2	5
TEXAS-E	2	4	5	0	4	3	5	4	5	1	3	5	3	3	5	4	5	4	4	2	4	5	2	4
TEXAS-S	1	4	5	0	4	3	5	4	5	1	2	5	3	3	5	4-3	5	4	4	3-2	4	5	3	4
TEXAS-W	1	4	5	0	4	3	5	4	5	2	2	5	3	3	5	4	5	4	4	3	4	5	3	4
UTAH	1	4	3	3	5	4-3	5	5-4	5	4	1	5	3	5	5	4	5	4	5	5-4	5-4	5	4	3
VERMONT	5	4	5	5	3-2	4-3	1	3	1	4	5	1	4	3	1	3	2-1	4	3-2	4-3	3	1	3	4
VIRGINIA	5	4	5	5	1	4	3-2	3	3	4-3	5	3	5-4	1	3	4	2	4	1	1	3	3	3	5
WASHINGTON	3	3	0	4	5	3	5	4	5	5	3	5	3	5	5	4-3	5	3	5	5	4	5	4	3-2
WEST VIRGINIA	5	4	5	5	1	4	3	3	3	4	5	4-3	5-4	1	3	4-3	2	4	1	3-2	3	3	3	5
WISCONSIN	5	1	5	5	2	1	3	1	3	4	5	5-4	3-2	3	3	0	4	1	2	3	1	5-4	2	3
WYOMING	2	3	3	4	5	3	5	4	5	5-4	3-2	5	1	5-4	5	4-3	5	3	5	4	5	4	2	2

	702	703	704	707	712	713	714	715	716	717	801	802	803	804	805	806	812	813	814	815	816	817	901	904	
ALABAMA	5	3	2	5	3	3	5	4	4	4	5	5	1	3	5	3	2	1	4	3	2	3	1	1	
ARIZONA	1	5	5	2	4	3	1	4	5	5	1	5	5	5	1	2	5-4	5	5	4	4	3	5-4	5	
ARKANSAS	5	4	4-3	5	3	1	5	3	5	4	5	5	3	4	5	3	3	3	4	2	1	1	1	3	
CALIFORNIA-N	1	5	5	0	3	3	0	4	5	5	1	5	5	0	3	4	5	5	4	4-3	3	5-4	5	5	
CALIFORNIA-S	1	5	5	0	3	3	0	4	5	5	1	5	5	5	0	2	4	5	5	4	4-3	3	5-4	5	
COLORADO	3-2	5	5	4-3	3	3	4-3	4	5	5	1	5	5	5	4-3	2	4	5	5	4	3	3	5-4	5	
CONNECTICUT	5	2	3	5	4	5	5	4-3	2	2-1	5	2-1	3	2	5	5	3	4	2	3	4	5	3	4	
DELAWARE	5	2-1	3-2	5	4	5	5	4	2	1	5	3-2	3	3	2-1	5	5	3	4-3	2	3	4	5	3	4-3
DIST. OF COLUMBIA	5	1	2	5	4	5	5	4	2	1	5	3	3	1	5	5	3	4-3	1	3	4	5	3	4-3	
FLORIDA	5	2	1	5	4	4-3	5	5-4	4	3	5	5-4	1	2	5	4-3	2	0	3	3	3	4-3	1	0	
GEORGIA	5	2	1	5	4	4	5	4	4-3	3	5	5-4	1	2	5	4	2	1	3	3	3	4	1	1	
IDaho	1	5	5	2	3	4	3-2	4-3	5	5	1	5	5	5	3-2	4	5-4	5	5	4	4-3	4	5	5	
ILLINOIS-N	5	3	3	5	1	5-4	5	1	4	3	5	5	4-3	3	5	5-4	1	5	3	0	2-1	5-4	2	5	
ILLINOIS-S	5	3	3	5	1	5-4	5	2	4	3	5	5	4-3	3	5	5-4	1	5	3	0	1	5-4	1	5	
INDIANA	5	3	3	5	3-2	5	5	2	4-3	3	5	4	3	3	5	5	0	5-4	2	1	2	5	2	5-4	
IOWA	5	4	5-4	5	0	4	5	1	5	4	5	5	5-4	4	5	4	2	5	4	1	1	4	3	5	
KANSAS	5-4	5-4	5-4	5	1	2	5	3	5	3	5	4-3	5	5-4	5-4	5	2	3	5	5	3	1	2	3	5
KENTUCKY	5	1	3-2	5	3	5-4	5	3	4	3	5	4	2	1	5	5-4	1	4	3	2	1	5-4	1	4	
LOUISIANA	5	4	3	5	3	1	5	4	5	4	5	5	3	4	5	2	3	3	4	3	2	1	2	3	
MAINE	5	3-2	3	5	4	5	5	3	2	2	5	1	3	3-2	5	5	3	4	2	3	4	5	4-3	4	
MARYLAND	5	1	2	5	4	5	5	4	2	1	5	3	3	1	5	5	3	4-3	1	3	4	5	3	4-3	
MASSACHUSETTS	5	2	3	5	4-3	5	5	4-3	2	2-1	5	1	3	2	5	5	3	4	2	3	4	5	3	4	
MICHIGAN-N	5	3	3	5	1	5	5	1	2	3	5	3	4	3	5	5	2	5-4	2	1	2	5	3	5-4	
MICHIGAN-S	5	3	4-3	5	2	5	5	1	2-1	2	5	3	4	3	5	5	1	5-4	2	1	3	5	3	5-4	
MINNESOTA	5	4	5	5	1	5-4	5	1	4	4-3	4	5	5	4	5	5-4	3-2	5	4-3	2-1	2	5-4	3	5	
MISSISSIPPI	5	3	3	5	3	1	5	4-3	5	4	5	5	2	3	5	3	2	4	3	2	1	1	1	2	
MISSOURI	5	4	4	5	1	3	5	2	5	4	5	5	4	4	5	3	2	5-4	4	1	0	3	1	5-4	
MONTANA	2	5	5	3-2	3	4	3	3	5	5	1	5	5	5	3	4	5-4	5	5	4	4-3	4	5	5	
NEBRASKA	4	5	5	5	1	3	5	2	5	5	3	5	5	5	3	3	3	5	5	3-2	1	3	4	5	
NEVADA	0	5	5	1	4-3	3	1	4	5	5	1	5	5	5	1	3	4	5	5	4	4	3	5-4	5	
NEW HAMPSHIRE	5	2	3	5	4-3	5	5	3	2	2	5	1	3	2	5	5	3	4	2	3	4	5	4-3	4	
NEW JERSEY	5	2	3-2	5	4	5	5	4-3	2	1	5	2	3	2	5	5	3	4	2	3	4	5	3	4	
NEW MEXICO	3-2	5	5	3	3	2	3	4	5	5	1	5	5	3	1	5-4	5	5	4	3	2	4	5	5	
NEW YORK-NE	5	2	3	5	4-3	5	5	3	0	1	5	1	3	2	5	5	3	4	1	3	4-3	5	3	4	
NEW YORK-SE	5	2	3-2	5	4-3	5	5	3	0	1	5	1	3	2	5	5	3	4	2	3	4-3	5	3	4	
NEW YORK-W	5	3-2	3	5	4-3	5	5	3	0	1	5	2	3	3-2	5	5	3	4	1	3	4-3	5	3	4	
NORTH CAROLINA	5	1	0	5	4	5-4	5	4	3	2	5	4-3	1	1	5	5-4	3	3	2	3	4	5-4	1	3	
NORTH DAKOTA	4-3	5	5	5-4	2-1	4	5-4	2	5	5	3	5	5	5	5-4	4	3	5	5	2	3	4	4	5	
OHIO-N	5	2-1	3	5	4-3	5	5	3	1	2	5	4-3	3	2-1	5	5	1	4	1	2	3	5	3-2	4	
OHIO-S	5	1	2	5	4-3	5	5	3	2-1	2	5	4-3	3	1	5	5	1	4	1	3-2	3	5	2	4	
OKLAHOMA	5	5-4	5-4	5	3	1	5	3	5	5	4-3	5	4	5-4	5	1	3	4	5	3	1	1	3	4	
OREGON	1	5	5	1	3	4-3	2	4	5	5	1	5	5	2	4-3	5-4	5	5	4	4	4	4-3	5	5	
PENNSYLVANIA-E	5	2	3-2	5	4	5	5	4-3	2-1	0	5	2	3	2	5	5	3	4	0	3	4-3	5	3	4	
PENNSYLVANIA-W	5	1	3-2	5	4	5	5	4-3	1	0	5	3	3	1	5	5	3	4	0	3	4-3	5	3	4	
RHODE ISLAND	5	2	3	5	4	5	5	4-3	2	2	5	1	3	2	5	5	3	4	2	3	4	5	3	4	
SOUTH CAROLINA	5	1	1	5	4	5-4	5	4	3	3	5	4	0	1	5	5-4	3-2	2	2	3	4-3	5-4	1	2	
SOUTH DAKOTA	4	5	5	5	1	4-3	5	2	5	5	3	5	5	5	5	4-3	3	5	5	3-2	2	4-3	4	5	
TENNESSEE	5	1	1	5	3	4	5	3	4	3	5	5	2	1	5	4	2	3	3	2	1	4	0	3	
TEXAS-E	4	5	4	5	3	0	5	4	5	5	3	5	4	5	5	0	3	4-3	5	3	1	0	2	4-3	
TEXAS-S	4	5	4	5	3	0	5	4-3	5	5	3	5	4	5	5	0	3	4-3	5	3	2	0	3-2	4-3	
TEXAS-W	4	5	4	5	3	0	5	4	5	5	3-2	5	4	5	5	0	3	4-3	5	3	2	0	3	4-3	
UTAH	1	5	5	2	4-3	3	2	4	5	5	0	5	5	5	2	3	4	5	5	4	4	3	5-4	5	
VERMONT	5	3-2	3	5	4-3	5	5	3	2	2	5	0	3	3-2	5	5	3	4	2	3	4	5	4-3	4	
VIRGINIA	5	0	1	5	4	5	5	4	2	2	5	3	2	0	5	5	3	4-3	1	3	4	5	1	4-3	
WASHINGTON	2-1	5	5	1	3	4	2	4-3	5	5	2	5	5	5	2	4	5	5	5	4	4-3	4	5	5	
WEST VIRGINIA	5	1	2-1	5	4	5	5	4-3	2	2	5	4-3	2	1	5	5	2	4	1	3	4-3	5	3-2	4	
WISCONSIN	5	4-3	4	5	1	5	5	0	3	3	5	4	4	4-3	5	5	2	5	3	1	2	5	3	5	
WYOMING	2	5	5	3	3	4	3	4-3	5	5	1	5	5	5	3	4	5-4	5	5	4	4-3	4	5	5	

	906	912	913	914	915	916	918	919	907	808	809
ALABAMA	4	1	4	4	3	5	3	2	6	6	5
ARIZONA	5	5	3	5	2	2	3	5	6	6	5
ARKANSAS	4	3	2	5	3	5	1	4-3	6	6	5
CALIFORNIA-N	4	5	3	5	3	0	3	5	6	6	5
CALIFORNIA-S	4	5	3	5	2	0	3	5	6	6	5
COLORADO	5-4	5	1	5	2	4-3	1	5	6	6	5
CONNECTICUT	3	3	4	1	5	5	5-4	3	6	6	5
DELAWARE	3	3	4	1	5	5	4	3-2	6	6	5
DIST. OF COLUMBIA	3	3	4	2	5	5	4	2	6	6	5
FLORIDA	4	1	5-4	4	4-3	5	3	1	6	5	5-4
GEORGIA	3	0	5-4	4-3	4	5	4	1	6	6	5
IDAHO	4	5	3	5	4	2	3	5	6	6	5
ILLINOIS-N	2	3	3	4	5-4	5	3	3	6	6	5
ILLINOIS-S	3	3	3	4	5-4	5	3	3	6	6	5
INDIANA	3	3	4	4-3	5	5	4	3	6	0	5
IOWA	2	4	2	5	4	5	3-2	5-4	6	6	5
KANSAS	4	4	0	5	2	5	1	5-4	6	6	5
KENTUCKY	3	2	4	4	5-4	5	4	3-2	6	6	5
LOUISIANA	4	2	3	5	2	5	1	3	6	6	5
MAINE	3	4-3	5-4	1	5	5	5-4	3	6	6	5
MARYLAND	3	3	4	2-1	5	5	4	2	6	6	5
MASSACHUSETTS	3	3	4	1	5	5	5-4	3	6	6	5
MICHIGAN-N	0	4	4	4-3	5	5	4	3	6	6	5
MICHIGAN-S	0	4	4	3	5	5	4	4-3	6	6	5
MINNESOTA	1	5	2	4	5-4	5	3	5	6	6	5
MISSISSIPPI	4	1	3	5	3	5	2	3	6	6	5
MISSOURI	3	4-3	1	5	3	5	1	4	6	6	5
MONTANA	4	5	3	5	4	3-2	4-3	5	6	6	5
NEBRASKA	4-3	5-4	1	5	3	5	2	5	6	6	5
NEVADA	5-4	5	3	5	3	1	3	5	6	6	5
NEW HAMPSHIRE	3	4-3	5-4	1	5	5	5-4	3	6	6	5
NEW JERSEY	3	3	4	1	5	5	4	3-2	6	6	5
NEW MEXICO	5	5	2	5	1	3	1	5	6	6	5
NEW YORK-NE	3	3	4	0	5	5	5-4	3	6	6	5
NEW YORK-SE	3	3	4	0	5	5	5-4	3-2	6	6	5
NEW YORK-W	3	3	4	0	5	5	5-4	3	6	6	5
NORTH CAROLINA	4-3	1	4	3	5-4	5	4	0	6	6	5
NORTH DAKOTA	2	5	2	5	4	5-4	3	5	6	6	5
OHIO-N	3	3	4	3	5	5	4	3	6	6	5
OHIO-S	3	3	4	3	5	5	4	2	6	6	5
OKLAHOMA	4	4	1	5	1	5	0	5-4	6	6	5
OREGON	4	5	3	5	4-3	1	3	5	6	6	5
PENNSYLVANIA-E	3	3	4	1	5	5	4	3-2	6	6	5
PENNSYLVANIA-W	3	3	4	2	5	5	4	3-2	6	6	5
RHODE ISLAND	3	3	4	1	5	5	5-4	3	6	6	5-4
SOUTH CAROLINA	4	1	4	3	5-4	5	4	1	6	6	5
SOUTH DAKOTA	3	5	2	5	4-3	5	3	5	6	6	5
TENNESSEE	3	1	4	4	4	5	4-3	1	6	6	5
TEXAS-E	4	3	1	5	0	5	1	4	6	6	5
TEXAS-S	4	3	1	5	0	5	1	4	6	6	5
TEXAS-W	4	3	1	5	0	5	1	4	6	6	5
UTAH	5-4	5	3	5	3	2	3	5	6	6	5
VERMONT	3	4-3	5-4	1	5	5	5-4	3	6	6	5
VIRGINIA	3	3	4	3-2	5	5	4	1	6	6	5
WASHINGTON	4	5	3	5	4	1	3	5	6	6	5
WEST VIRGINIA	3	3	4	3	5	5	4	2-1	6	6	5
WISCONSIN	1	4	3	3	5	5	4-3	4	6	6	5
WYOMING	4	5	2	5	4	3	3	5	6	6	5