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the Visual Signal. The provisions governing VBI and visual signal telecommunications service in §73.646 are applicable to noncommercial educational TV stations.

(g) Non-program related data signals transmitted on Line 21 pursuant to §73.682(a)(22)(ii) may be used for remunerative purposes.

(h) Mutually exclusive applications for noncommercial educational TV stations operating on reserved channels shall be resolved pursuant to the point system in subpart K.

(i) With respect to the provision of advanced television services, the requirements of this section will apply to the entire digital bitstream of non-commercial educational television stations, including the provision of ancillary or supplementary services.

[28 FR 13660, Dec. 14, 1963, as amended at 35 FR 7558, May 15, 1970; 47 FR 36179, Aug. 19, 1982; 48 FR 27068, June 13, 1983; 49 FR 29069, July 18, 1984; 50 FR 4664, Feb. 1, 1985; 50 FR 4684, Feb. 1, 1985; 61 FR 36304, July 10, 1996; 65 FR 36378, June 8, 2000; 66 FR 58982, Nov. 26, 2001]

§ 73.622 Digital television table of allotments.

(a) *General.* The following table of allotments contains the digital television (DTV) channel allotments designated for the listed communities in the United States, its Territories, and possessions. The initial DTV Table of Allotments was established on April 3, 1997, to provide a second channel for DTV service for all eligible analog television broadcasters. Requests for addition of new DTV allotments, or requests to change the channels allotted to a community must be made in a petition for rule making to amend the DTV Table of Allotments. A request to amend the DTV table to change the channel of an allotment in the DTV table will be evaluated for technical acceptability using engineering criteria set forth in §73.623(c). A request to amend the DTV table to add a new allotment will be evaluated for technical acceptability using the geographic spacing criteria set forth in §73.623(d). DTV allotments designated with an asterisk are assigned for use by non-commercial educational broadcast stations only. Stations operating on

DTV allotments designated with a “c” are required to comply with paragraph (g) of this section. Rules governing noncommercial educational TV stations are contained in §73.621. Where there is only one technically available channel available in a community, an entity that would be eligible to operate a noncommercial educational broadcast station may, prior to application, initiate a rulemaking proceeding requesting that an unoccupied or new channel in the community be changed or added as reserved only for non-commercial educational broadcasting upon demonstrating that the non-commercial educational proponent would provide a first or second non-commercial educational TV service to 2,000 or more people who constitute 10% of the population within the proposed allocation’s noise limited contour.

(1) Petitions requesting the addition of a new allotment must specify a channel in the range of channels 2-51.

(2) Petitions requesting a change in the channel of an initial allotment must specify a channel in the range of channels 2-58.

(b) *DTV Table of Allotments.*

ALABAMA	
Community	Channel No.
Anniston	9
Bessemer	18c
Birmingham	30, 36, 50, 52, *53
Demopolis	*19
Dothan	21, 36
Dozier	*11
Florence	14, 20, *22
Gadsden	26, 45c
Homewood	28
Huntsville	*24, 32c, 41, 49c, 59
Louisville	*44c
Mobile	9, 20, 27, *41, 47
Montgomery	14, 16, *27, 46c, 51
Mount Cheaha	*56
Opelika	31
Ozark	33
Selma	55
Troy	48
Tuscaloosa	5
Tuskegee	24

ALASKA	
Community	Channel No.
Anchorage	6c, 18, 20, *24, *26, 28, 30, 32
Bethel	*3
Dillingham	*9
Fairbanks	18, 22, *24, 26, 28
Juneau	*10, 11

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ALASKA—Continued

Community	Channel No.
Ketchikan	*8, 13
North Pole	20
Sitka	2

ARIZONA

Community	Channel No.
Flagstaff	18, 22, 27, 32
Green Valley	47c
Kingman	19, *46
Mesa	36
Phoenix	17, 20, 24, 26, *29, 31, 34c, 49, 56
Prescott	25
Sierra Vista	44
Tolleson	52c
Tucson	19c, 23, 25, *28c, *30, 32, 35, 42
Yuma	16, 41

ARKANSAS

Community	Channel No.
Arkadelphia	*13
El Dorado	27, *30
Fayetteville	*9, 15
Fort Smith	18, 21, 27
Hot Springs	14
Jonesboro	9c, *20c, 49c
Little Rock	*5, 12c, 22, 30, 32, 44
Mountain View	*13
Newark	*27
Pine Bluff	24, 39c
Rogers	50
Springdale	39

CALIFORNIA

Community	Channel No.
Anaheim	32
Arcata	22
Avalon	47c
Bakersfield	10, 25, 33, 55
Barstow	44
Blythe	*4
Calipatria	50
Ceres	*15c
Chico	36, 43
Clovis	44c
Coalinga	*22
Concord	63c
Corona	39
Cotati	*23c
El Centro	22, 48
Eureka	*11, 16, 17, 28
Fort Bragg	15
Fresno	7, 9, 16, 34, *40
Hanford	20
Huntington Beach	*48
Long Beach	61c
Los Angeles	31c, 35c, 36, *41c, 42, 43, 53c, *59c, 60, 65c, 66
Merced	5
Modesto	18
Monterey	31, 32
Novato	47
Oakland	56
Ontario	29c
Oxnard	24

CALIFORNIA—Continued

Community	Channel No.
Palm Springs	46, 52
Paradise	20
Porterville	48
Rancho Palos Verdes	51c
Redding	*18, 34
Riverside	68
Sacramento	21, 35, *43, 48, *53, 55, 61
Salinas	10, 13
San Bernardino	*26, 38
San Diego	18, 19, 25, *30, 40c, 55
San Francisco	19, 24, 27c, 29, *30, *33c, 39c, 45c, 51, 57
San Jose	12c, 41, 49c, *50, 52
San Luis Obispo	15, 34c
San Mateo	*43
Sanger	36
Santa Ana	23c
Santa Barbara	21, 27
Santa Maria	19
Santa Rosa	54
Stockton	25, 46, 62
Twentynine Palms	23
Vallejo	34
Ventura	49
Visalia	28, *50c
Watsonville	*58

COLORADO

Community	Channel No.
Boulder	15c
Broomfield	*38
Castle Rock	46
Colorado Springs	10, 22c, 24
Craig	*48
Denver	16, 17, *18, 19, 32c, 34, 35, *40, 43, 51c
Durango	15
Fort Collins	21
Glenwood Springs	23, *39
Grand Junction	2, 7, 12c, 15, *17
La Junta	*30
Lamar	*50
Leadville	*49
Longmont	29
Montrose	13
Pueblo	*26, 42
Steamboat Springs	10
Sterling	23

CONNECTICUT

Community	Channel No.
Bridgeport	42, *52
Hartford	31, *32, 33, 46
New Britain	35
New Haven	6, 10, *39
New London	34
Norwich	*45
Waterbury	12

DELAWARE

Community	Channel No.
Seaford	*44
Wilmington	31, *55

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DISTRICT OF COLUMBIA

Community	Channel No.
Washington	*27c, *33c, 34, 35, 36, 39, 48, 51c

FLORIDA

Community	Channel No.
Apalachicola	3
Boca Raton	*40
Bradenton	*5, 42
Cape Coral	35
Clearwater	21
Clermont	17
Cocoa	*30, 53c
Daytona Beach	11, 49
Fort Lauderdale	52c
Fort Myers	9, 15, *31c
Fort Pierce	*38, 50
Fort Walton Beach	40, 49, 50
Gainesville	16, *36
High Springs	28
Hollywood	47
Jacksonville	13c, 19, 32, 34, *38, 42, *44
Key West	3, 12
Lake Worth	36
Lakeland	19
Leesburg	40, *46c
Live Oak	48
Marathon	*34
Melbourne	20, 48
Miami	8c, 9, *18c, 19, *20, 22, 24c, 26, 31, 32, 46c
Naples	41, 45
New Smyrna Beach	*33
Ocala	31
Orange Park	10
Orlando	14, 22, *23, 39, 41, 58
Palm Beach	49
Panama City	8, 9, 19, *38
Panama City Beach	47c
Pensacola	17, *31, 34c, 45c
Sarasota	52
St. Petersburg	24, 57, 59
Tallahassee	2, 22, *32
Tampa	7, 12, 29c, *34, 47, *54
Tequesta	16
Tice	33
Venice	25
West Palm Beach	13c, *27, 28, 55

GEORGIA

Community	Channel No.
Albany	12, 17
Athens	*12c, 48
Atlanta	10, 19, 20, *21, 25, 27, 39, *41, 43
Augusta	30, 31, 42, 51
Bainbridge	50c
Baxley	35c
Brunswick	24
Chatsworth	*33
Cochran	*7
Columbus	15, *23, 35, 47, 9
Cordele	51
Dalton	16
Dawson	*8
Macon	4, 16, 40, 45
Monroe	44
Pelham	*5
Perry	32

GEORGIA—Continued

Community	Channel No.
Rome	51
Savannah	*13, 15, 23c, 39
Thomasville	46
Toccoa	24
Valdosta	43
Waycross	*9c
Wrens	*2

HAWAII

Community	Channel No.
Hilo	8, 18, *19, 21, 22, 23, *31, *39c
Honolulu	8, *18, 19, 22, 23, 27c, 31, 33c, 35, *39c, 40, *43
Kailua Kona	25
Kaneohe	41
Lihue	*7, *12, *28c, *45
Wailuku	16c, 24, *28c, 29, *30, *34c, 36, 45

IDAHO

Community	Channel No.
Boise	*21, 26, 28
Burley	*48
Caldwell	10c
Coeur D'alene	*45
Filer	*18
Idaho Falls	9c, 36
Lewiston	32
Moscow	*12
Nampa	13c, 24
Pocatello	*17, 23
Twin Falls	16, *22, 34
Weiser	*34

ILLINOIS

Community	Channel No.
Aurora	59
Bloomington	28
Carbondale	*40
Champaign	41, 48
Charleston	*50
Chicago	3c, 19, *21c, 27c, 29, 31, 43, 45c, *47, 52
Decatur	18c, 22
East St. Louis	47c
Freeport	41
Harrisburg	34
Jacksonville	*15c
Joliet	53
Lasalle	10
Macomb	*21
Marion	17
Moline	*23, 38
Mount Vernon	21
Olney	*19
Peoria	30, 39, 40, *46, 57
Quincy	32, *34, 54
Rock Island	58
Rockford	16, 42, 54
Springfield	36, 42, 44, 53
Urbana	*9, 26

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INDIANA

Community	Channel No.
Angola	12
Bloomington	*14, 27, 48, 56
Elkhart	58
Evansville	*12, 28, 45c, 46, 59
Fort Wayne	19, 24, 31, 36, *40c
Gary	*17, 51c
Hammond	36
Indianapolis	9c, 16, *21c, 25, *44, 45, 46
Kokomo	54
Lafayette	11
Marion	32
Muncie	52
Richmond	39
Salem	51
South Bend	30, *35c, 42, 48
Terre Haute	24, 36, 39c
Vincennes	*52

IOWA

Community	Channel No.
Ames	59
Burlington	41
Cedar Rapids	27, 47, 51, 52
Centerville	*44
Council Bluffs	*33c
Davenport	*34, 49, 56
Des Moines	16, 19, 26, 31, *50, 56
Dubuque	43
Fort Dodge	*25
Iowa City	25, *45
Mason City	*18, 42
Ottumwa	14
Red Oak	*35
Sioux City	*28c, 30, 39, 41, 49
Waterloo	*35, 55

KANSAS

Community	Channel No.
Colby	17, *19
Derby	46
Ensign	5
Fort Scott	40
Garden City	16, 18, *42
Goodland	14
Great Bend	22
Hays	*16, 20
Hutchinson	19, *29, 35
Lakin	*8
Lawrence	36
Oakley	*40
Pittsburg	13
Salina	17
Topeka	*23, 28c, 44, 48
Wichita	21, 26, 31, 45

KENTUCKY

Community	Channel No.
Ashland	*26c, 44
Beattyville	7
Bowling Green	16, *18, 33, *48
Campbellsville	19
Covington	*24
Danville	4
Elizabethtown	*43

KENTUCKY—Continued

Community	Channel No.
Harlan	51
Hazard	12, *16
Lexington	13, 39, 40, *42
Louisville	8, *17, 26, *38, 47, 49, 55
Madisonville	20c, *42
Morehead	*15, 21
Murray	*36
Newport	29
Owensboro	30
Owenton	*44
Paducah	32, 41, 50c
Pikeville	*24
Somerset	*14

LOUISIANA

Community	Channel No.
Alexandria	*26c, 32c, 35
Baton Rouge	13, *25, 34c, 45c, 46
Columbia	57
Hammond	42
Lafayette	16c, *23, 28, 56
Lake Charles	8c, *20, 30c
Monroe	7, *19
New Orleans	*11, 15, 21c, 29, *31, 36, 40, 43, 50c
Shreveport	17, *25c, 28, 34c, 44
Slidell	24
West Monroe	36, 38

MAINE

Community	Channel No.
Augusta	*17
Bangor	14, 19, 25
Biddeford	*45
Calais	*10
Lewiston	28
Orono	*9
Poland Spring	46
Portland	38, 43, 44
Presque Isle	16, *20

MARYLAND

Community	Channel No.
Annapolis	*42
Baltimore	*29, 38, 40, 41, 46c, 52, 59
Frederick	*28
Hagerstown	16, *44, 55
Oakland	*54
Salisbury	21, 53, *56

MASSACHUSETTS

Community	Channel No.
Adams	36
Boston	*19, 20, 30, 31, 32, 39c, 42, *43
Cambridge	41
Lawrence	18
Marlborough	23
New Bedford	22, 49
Norwell	52
Springfield	11, 55, *58c
Vineyard Haven	40
Worcester	29, *47

MICHIGAN

Community	Channel No.
Alpena	13, *57
Ann Arbor	33
Bad Axe	*15
Battle Creek	20, 44c
Bay City	22
Cadillac	*17, 40, 47
Calumet	11
Cheboygan	35
Detroit	14, 21c, 41, *43, 44, 45, 58
East Lansing	*55
Escanaba	48
Flint	16, 36, *52
Grand Rapids	7, *11, 19, 39
Iron Mountain	22
Jackson	34
Kalamazoo	2, *5, 45
Lansing	38, 51, 59
Manistee	*58
Marquette	*33, 3
Mount Clemens	39c
Mount Pleasant	*56
Muskegon	24
Onondaga	57
Saginaw	30, 48
Sault Ste. Marie	9c, 49
Traverse City	*23, 31, 50
University Center	*18
Vanderbilt	59

MINNESOTA

Community	Channel No.
Alexandria	24, 36
Appleton	*31
Austin	*20, 33
Bemidji	*18
Brainerd	*28
Crookston	*16
Duluth	17, 33, *38, 43
Hibbing	*31, 36, *51
Mankato	38
Minneapolis	21, 22, *26, 32, 35, *44
Redwood Falls	27
Rochester	36, 46
St. Cloud	40
St. Paul	*16, *34, 50
Thief River Falls	57
Walker	20
Worthington	*15

MISSISSIPPI

Community	Channel No.
Biloxi	*16, 39
Booneville	*55
Bude	*18c
Columbus	35
Greenville	17
Greenwood	*25, 54
Gulfport	48
Hattiesburg	58
Holly Springs	41c
Jackson	9, *20, 21, 41c, 52
Laurel	28
Meridian	26, 31c, *44, 49
Mississippi State	*10
Natchez	49c
Oxford	*36

MISSISSIPPI—Continued

Community	Channel No.
Tupelo	57
West Point	16

MISSOURI

Community	Channel No.
Birch Tree	*7
Bowling Green	*50
Cape Girardeau	22, 57
Columbia	22, 36
Hannibal	29
Jefferson City	12, 20
Joplin	*25, 43, 46
Kansas City	7, *18, 24, 31, 34, 42c, 47, 51c
Kirksville	33
Poplar Bluff	18
Sedalia	15
Springfield	19, *23, 28c, 44, 52
St. Joseph	21, 53
St. Louis	14, 26, 31c, 35, *39, 43, 56

MONTANA

Community	Channel No.
Billings	10, 11, 18
Bozeman	*8, 13
Butte	5, 19c, 33
Glendive	15
Great Falls	7, 8, 45
Hardin	22
Helena	14, 29
Kalispell	38
Miles City	13, *39
Missoula	7, *27, 36, 40

NEBRASKA

Community	Channel No.
Albion	23
Alliance	*24
Bassett	*15
Grand Island	19, 32
Hastings	21, *28
Hayes Center	18
Kearney	36
Lexington	*26
Lincoln	25, 31, *40
McCook	12
Merriman	*17
Norfolk	*16
North Platte	*16, 22
Omaha	*17, 20, 22, 38, 43c, 45
Scottsbluff	7, 29
Superior	34

NEVADA

Community	Channel No.
Elko	8, *15
Henderson	9
Las Vegas	2, 7, *11c, 12, 16c, 22c, 29
Laughlin	32
Paradise	40c
Reno	7, 9c, 13, *15, 20, 22c, 26, 44
Winnemucca	12

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NEW HAMPSHIRE

Community	Channel No.
Berlin	*15
Concord	33
Derry	35
Durham	*57
Keene	*49
Littleton	*48
Manchester	59
Merrimack	34

NEW JERSEY

Community	Channel No.
Atlantic City	44, 49
Burlington	27
Camden	*22
Linden	36
Montclair	*51c
New Brunswick	*18
Newark	53c, 61
Newton	8c
Paterson	40
Secaucus	38
Trenton	*43
Vineland	66c
West Milford	*29
Wildwood	36

NEW MEXICO

Community	Channel No.
Albuquerque	16, *17, 21, 24c, 26, *35, 42c, 45
Carlsbad	19
Clovis	20
Farmington	8, 17
Hobbs	16, *47
Las Cruces	*23c, 47
Portales	*32
Roswell	28c, *31, 38, 41
Santa Fe	10, 27, 29
Silver City	12, *33
Socorro	*31

NEW YORK

Community	Channel No.
Albany	7, 12, 26
Amsterdam	50
Batavia	53
Binghamton	4, 7, 8, *42
Buffalo	14, *32, 33, 34, 38, 39, *43
Carthage	35
Corning	50
Elmira	2, 55
Garden City	*22c
Jamestown	27c
Kingston	48
New York	*24, 28, 30, 33, 44, 45, 56
North Pole	14
Norwood	*23
Plattsburgh	*38
Poughkeepsie	27
Riverhead	57
Rochester	*16, 28, 45, 58, 59
Schenectady	*34, 39, 43
Smithtown	23
Springville	46
Syracuse	17, 19, *25c, 44c, 47, 54

NEW YORK—Continued

Community	Channel No.
Utica	27, 29, 30
Watertown	21, *41

NORTH CAROLINA

Community	Channel No.
Asheville	*25, 45, 56, 57
Belmont	47c
Burlington	14
Chapel Hill	*59
Charlotte	*11, 22, 23, 27, 34
Columbia	*20
Concord	*44
Durham	27, 52
Fayetteville	36, 38
Goldsboro	55
Greensboro	33, 43, 51
Greenville	10c, 21, *23
Hickory	40
High Point	35
Jacksonville	*18, 34
Kannapolis	50
Lexington	19
Linville	*54
Lumberton	*25
Morehead City	24
New Bern	48
Raleigh	49, 53, 57
Roanoke Rapids	*39
Rocky Mount	15
Washington	32
Wilmington	*29, 30, 44, 46
Wilson	42
Winston-Salem	29, 31, *32

NORTH DAKOTA

Community	Channel No.
Bismarck	16, *22, 23, 31
Devils Lake	*25, 59
Dickinson	18, 19, *20
Ellendale	*20c
Fargo	19, 21, *23, 44
Grand Forks	*56
Jamestown	14
Minot	15c, *40, 45, 58
Pembina	15
Valley City	38
Williston	14, *51, 52

OHIO

Community	Channel No.
Akron	30, *50c, 59
Alliance	*46c
Athens	*27
Bowling Green	*56
Cambridge	*35
Canton	39, 47
Chillicothe	46
Cincinnati	10c, 31, 33, *34, 35
Cleveland	2, 15, *26c, 31, 34
Columbus	13, 14, 21, 36, *38
Dayton	30, 41, 50, 51, *58
Lima	8, 47
Lorain	28
Mansfield	12

OHIO—Continued

Community	Channel No.
Newark	24
Oxford	*28
Portsmouth	17, *43c
Sandusky	42
Shaker Heights	10
Springfield	18
Stuebenville	57
Toledo	5, 17, 19, *29, 46, 49
Youngstown	20, 36, 41
Zanesville	40

OKLAHOMA

Community	Channel No.
Ada	26
Bartlesville	15
Cheyenne	*8
Claremore	*36c
Enid	18
Eufaula	*31
Guymon	*29
Lawton	11
Oklahoma City	7, 15c, 24, 27, *32, 33, 39, 42, 50, 51
Okmulgee	28
Shawnee	29
Tulsa	10, 22, *38, 42c, 48c, 49, 55, 56

OREGON

Community	Channel No.
Bend	*11, 18
Coos Bay	21, 22
Corvallis	*39
Eugene	17c, 25, *29c, 31, 44
Klamath Falls	13, 29, *33,
La Grande	*5
Medford	15, 27c, 35, 38, *42
Pendleton	8
Portland	*27, 30, 40, 43, 45, 6
Roseburg	18, 19, 45
Salem	4, 33c

PENNSYLVANIA

Community	Channel No.
Allentown	46, *62
Altoona	24c, 32, 46
Bethlehem	9
Clearfield	*15
Erie	16, 22, *50, 52, 58
Greensburg	50
Harrisburg	4, 10, *36
Hazleton	45
Johnstown	29, 30, 34
Lancaster	23, 58
Philadelphia	26, 32, *34, 42, 54, 64, 67
Pittsburgh	25, 26, *38, 42, 43, 48, 51
Reading	25
Red Lion	30
Scranton	13, 31, 32, *41, 49
Wilkes-Barre	11
Williamsport	29
York	47

RHODE ISLAND

Community	Channel No.
Block Island	17
Providence	13c, *21, 51, 54c

SOUTH CAROLINA

Community	Channel No.
Allendale	*33
Anderson	14
Beaufort	*44
Charleston	34, 35, 40, 47, *49, 50
Columbia	8, 17, *32, 41, 48
Conway	*9
Florence	16c, 20, *45, 56
Georgetown	*38
Greenville	*9, 35, 57, 59
Greenwood	*18
Hardeeville	27
Myrtle Beach	18
Rock Hill	15, 39
Spartanburg	43, 53
Sumter	*28c, 39

SOUTH DAKOTA

Community	Channel No.
Aberdeen	*17c, 28
Brookings	*18
Eagle Butte	*25
Florence	2
Huron	22
Lead	10, 29
Lowry	*15
Martin	*23
Mitchell	26
Pierre	19, *21
Rapid City	2, 16c, 18, *26
Reliance	13
Sioux Falls	7, *24c, 29, 32, 47c, 51
Vermillion	*34

TENNESSEE

Community	Channel No.
Chattanooga	13, *29, 35, 40, 47
Cleveland	42
Cookeville	36, *52
Crossville	50
Greeneville	38
Hendersonville	51c
Jackson	39, 43
Jellico	23
Johnson City	58
Kingsport	27
Knoxville	7, *17, 26, 30, 31, 34
Lebanon	44
Lexington	*47
Memphis	25c, 28, *29, 31c, 51c, 52, 53
Murfreesboro	38
Nashville	10, 15, 21, 23, 27, *46, 56
Sneedville	*41

TEXAS

Community	Channel No.
Abilene	24, 29

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TEXAS—Continued

Community	Channel No.
Alvin	36
Amarillo	*8c, 9, 15c, 19, 23
Arlington	42
Austin	21, *22, 33, 43c, 49, 56
Baytown	41
Beaumont	21, *33, 50
Belton	38
Big Spring	33
Brownsville	24c
Bryan	29c, 50
College Station	*12
Conroe	5, 42
Corpus Christi	8, 13, 18, *23, 27
Dallas	9c, *14, 32, 35, 36, 40c, 45
Decatur	30c
Del Rio	28
Denton	*43
Eagle Pass	18
El Paso	15c, 16, 17, 18, 25, *30, *39c, 51
Fort Worth	18, 19, 41, 51
Galveston	*23c, 48c
Garland	24c
Greenville	46
Harlingen	31, *34, 38
Houston	*9c, 19, *24, 27c, 31, 32, 35, 38, 44
Irving	48
Jacksonville	22
Katy	52c
Kerrville	32
Killeen	13
Lake Dallas	54
Laredo	14, 15, 19
Llano	27
Longview	31
Lubbock	9, 25, 27, 35c, *39, 40
Lufkin	11
McAllen	49
Midland	26
Nacogdoches	18
Odessa	13, 23, 31, *38, 43c
Port Arthur	40
Rio Grande City	20
Rosenberg	46c
San Angelo	11, 16, 19
San Antonio	*8, *16, 30c, 38, 39, 48, 55, 58
Sherman	20
Snyder	10
Sweetwater	20
Temple	9
Texarkana	15, *50
Tyler	10
Victoria	11, 15
Waco	*20, 26c, 53, 57
Weslaco	13
Wichita Falls	15, 22, 28

UTAH

Community	Channel No.
Cedar City	14, 44
Monticello	*41
Ogden	29, *34
Provo	17c, *39
Salt Lake City	27, 28, 35, 38, 40, *42
St. George	9

VERMONT

Community	Channel No.
Burlington	13, *32, 43, 53
Hartford	25
Rutland	*56
St. Johnsbury	*18
Windsor	*24

VIRGINIA

Community	Channel No.
Arlington	15c
Ashland	47
Bristol	28
Charlottesville	32, *46
Danville	41
Fairfax	*57c
Front Royal	*21
Goldvein	*30
Grundy	49
Hampton	41
Hampton-Norfolk	*16c
Harrisonburg	49
Lynchburg	20, 34
Manassas	43c
Marion	*42
Norfolk	38, 40, 46,
Norton	*32
Petersburg	22
Portsmouth	31, 50
Richmond	*24c, 25, 26, *42, *44, 54
Roanoke	*3, 17, 18, 30, 36
Staunton	*11
Virginia Beach	29

WASHINGTON

Community	Channel No.
Bellevue	32, 50
Bellingham	19, 35
Centralia	*19
Everett	31
Kennewick	44
Pasco	18
Pullman	*17
Richland	26c, *38
Seattle	25, 38, 39, *41, 44, 48
Spokane	*8, 13, 15, 20, 30, 36
Tacoma	14, 18, *27, 36, *42
Vancouver	48
Wenatchee	46
Yakima	14, 16, *21, 33

WEST VIRGINIA

Community	Channel No.
Bluefield	14, 46
Charleston	19, 39, 41, 52
Clarksburg	10, 52
Grandview	*53
Huntington	23, *34c, 47
Lewisburg	8
Martinsburg	12
Morgantown	*33
Oak Hill	50
Parkersburg	49
Weston	6
Wheeling	32

WISCONSIN

Community	Channel No.
Appleton	59
Chippewa Falls	49c
Eagle River	28
Eau Claire	15, 39
Fond Du Lac	44
Green Bay	23, 41, *42, 51, 56
Janesville	32
Kenosha	40
La Crosse	14, 17, *30, 41
Madison	11, 19, *20, 26, 50
Manitowoc	19
Mayville	43
Menomonee	*27
Milwaukee	*8, 22, 25c, 28, 33, 34, *35, 46, 61
Park Falls	*47
Racine	48
Rhineland	16
Superior	19
Suring	21
Wausau	*24, 29, 40

WYOMING

Community	Channel No.
Casper	15c, 17, 18
Cheyenne	11, 28c, 30
Jackson	4
Lander	7, *8
Rawlins	9
Riverton	16
Rock Springs	21
Sheridan	13

GUAM

Community	Channel No.
Agana	2, 4, 5
Tamuning	17

PUERTO RICO

Community	Channel No.
Aguada	62
Aguadilla	17c, *34, 69
Arecibo	53, 61c
Bayamon	59c
Caguas	56, *57
Carolina	51
Fajardo	*16, 33
Guayama	45
Humacao	49
Mayaguez	23c, 29, 35, 63
Naranjito	65c
Ponce	8c, 15c, 19, *25, 43c, 47
San Juan	21, 27c, 28, 31c, 32, *55c
San Sebastian	39c
Yauco	41c

VIRGIN ISLANDS

Community	Channel No.
Charlotte Amalie	*44, 48, 50
Christiansted	20, 23

(c)(1) *Availability of channels.* Applications may be filed to construct DTV broadcast stations only on the channels designated in the DTV Table of Allotments set forth in paragraph (b) of this section, and only in the communities listed therein. Applications that fail to comply with this requirement, whether or not accompanied by a petition to amend the DTV Table, will not be accepted for filing. However, applications specifying channels that accord with publicly announced FCC Orders changing the DTV Table of Allotments will be accepted for filing even if such applications are tendered before the effective dates of such channel change. An application for authority to construct a DTV station on an allotment in the initial DTV table may only be filed by the licensee or permittee of the analog TV station with which that initial allotment is paired, as set forth in Appendix B of the *Memorandum Opinion and Order on Reconsideration of the Sixth Report and Order* in MM Docket 87–268, FCC 98–24 (*Memorandum Opinion and Order*) adopted January 29, 1998. Copies of the *Memorandum Opinion and Order* may be inspected during normal business hours at the: Federal Communications Commission, Room CY–C203, 445 12th Street, SW., Reference Information Center, Washington, DC, 20554. This document is also available through the Internet on the *FCC Home Page* at <http://www.fcc.gov>. Applications may also be filed to implement an exchange of channel allotments between two or more licensees or permittees of analog TV stations in the same community, the same market, or in adjacent markets provided, however, that the other requirements of this section and §73.623 are met with respect to each such application.

(2) Notwithstanding paragraph (c)(1) of this section, an application may be filed for a channel or community not listed in the DTV Table of Allotments if it is consistent with the rules and policies established in the Third Report and Order in WT Docket 99–168 (FCC 01–25), adopted January 18, 2001. Where such a request is approved, the Media Bureau will change the DTV Table of Allotments to reflect that approval.

(d) *Reference points and distance computations.* (1) The reference coordinates

of a DTV allotment included in the initial DTV Table of Allotments are the coordinates of the authorized transmitting antenna site of the associated analog TV station, as set forth in Appendix B of the *Memorandum Opinion and Order* (referenced above). An application for authority to construct or modify DTV facilities on such an allotment may specify an alternate location for the DTV transmitting antenna that is within 5 kilometers of the DTV allotment reference coordinates without consideration of electromagnetic interference to other DTV or analog TV broadcast stations, allotments or applications, provided the application complies with paragraph (f)(2) of this section. Location of the transmitting antenna of such a station at a site more than 5 kilometers from the DTV allotment reference coordinates must comply with the provisions of section 73.623(c). In the case where a DTV station has been granted authority to construct more than 5 kilometers from its reference coordinates pursuant to section 73.623(c), and its authorized coverage area extends in any azimuthal direction beyond the DTV coverage area determined for the DTV allotment reference facilities, then the coordinates of such authorized site are to be used in addition to the coordinates of the DTV allotment to determine protection from new DTV allotments pursuant to § 73.623(d) and from subsequent DTV applications filed pursuant to § 73.623(c).

(2) The reference coordinates of a DTV allotment not included in the initial DTV Table of Allotments shall be the authorized transmitter site, or, where such a transmitter site is not available for use as a reference point, the coordinates as designated in the FCC order modifying the DTV Table of Allotments.

(e) *DTV Service Areas.* (1) The service area of a DTV station is the geographic area within the station's noise-limited F(50,90) contour where its signal strength is predicted to exceed the noise-limited service level. The noise-limited contour is the area in which the predicted F(50,90) field strength of the station's signal, in dB above 1 microvolt per meter (dBu) as determined using the method in section 73.625(b)

exceeds the following levels (these are the levels at which reception of DTV service is limited by noise):

	dBu
Channels 2-6	28
Channels 7-13	36
Channels 14-69	41

(2) Within this contour, service is considered available at locations where the station's signal strength, as predicted using the terrain dependent Longley-Rice point-to-point propagation model, exceeds the levels above. Guidance for evaluating coverage areas using the Longley-Rice methodology is provided in *OET Bulletin No. 69*. Copies of *OET Bulletin No. 69* may be inspected during normal business hours at the Federal Communications Commission, 445 12th Street, S.W., Dockets Branch (Room CY A09257), Washington, DC 20554. This document is also available through the Internet on the *FCC Home Page* at <http://www.fcc.gov>.

NOTE TO PARAGRAPH (e)(2): During the transition, in cases where the assigned power of a UHF DTV station in the initial DTV Table is 1000 kW, the Grade B contour of the associated analog television station, as authorized on April 3, 1997, shall be used instead of the noise-limited contour of the DTV station in determining the DTV station's service area. In such cases, the DTV service area is the geographic area within the station's analog Grade B contour where its DTV signal strength is predicted to exceed the noise-limited service level, *i.e.*, 41 dB, as determined using the Longley-Rice methodology.

(3) For purposes of determining whether interference is caused to a DTV station's service area, the maximum technical facilities, *i.e.*, antenna height above average terrain (antenna HAAT) and effective radiated power (ERP), specified for the station's allotment are to be used in determining its service area.

(f) *DTV maximum power and antenna heights.* (1) The maximum, or reference, effective radiated power (ERP) and antenna height above average terrain (antenna HAAT) for an allotment included in the initial DTV Table of Allotments are set forth in Appendix B of the *Memorandum Opinion and Order* (referenced in paragraph (c) of this section). In each azimuthal direction, the

reference ERP value is based on the antenna HAAT of the corresponding analog TV station and achieving predicted coverage equal to that analog TV station's predicted Grade B contour, as defined in section 73.683.

(2) An application for authority to construct or modify DTV facilities will not be subject to further consideration of electromagnetic interference to other DTV or analog TV broadcast stations, allotments or applications, provided that:

(i) The proposed ERP in each azimuthal direction is equal to or less than the reference ERP in that direction; and

(ii) The proposed antenna HAAT is equal to or less than the reference antenna HAAT or the proposed antenna HAAT exceeds the reference antenna HAAT by 10 meters or less and the reference ERP in paragraph (f)(2)(i) of this section is adjusted in accordance with paragraph (f)(3) of this section; and

(iii) The application complies with the location provisions in paragraph (d)(1) of this section.

(3)(i) A DTV station may increase its antenna HAAT by up to 10 meters from that specified in Appendix B if it reduces its DTV power to a level at or below the level of adjusted DTV power computed in the following formula:

$$\text{ERP adjustment in dB} = 20\log(H_1/H_2)$$

Where H_1 = Reference antenna HAAT specified in the DTV Table, and H_2 = Actual antenna HAAT

(ii) Alternatively, a DTV application that specifies an antenna HAAT within 25 meters below that specified in Appendix B may adjust its power upward to a level at or below the adjusted DTV power in accordance with the formula in paragraph (f)(3)(i) of this section without an interference showing. For a proposed antenna more than 25 meters below the reference antenna HAAT, the DTV station may increase its ERP up to the level permitted for operation with an antenna that is 25 meters below the station's reference antenna HAAT.

(4) UHF DTV stations may request an increase in power, up to a maximum of 1000 kW ERP, to enhance service area

through use of antenna beam tilting in excess of 1 degree, as follows:

(i) Field strengths at the outer edge of the station's service area shall be no greater than the levels that would exist if the station were operating at its assigned DTV power.

(ii) Where a station operates at higher power under the provisions of this paragraph, its field strengths at the edge of its service area are to be calculated assuming 1 dB of additional antenna gain over the antenna gain pattern specified by the manufacturer.

(iii) Where a first adjacent channel DTV station or allotment is located closer than 110 km or a first adjacent channel analog TV station is located closer than 106 km from the proposed transmitter site, the application must be accompanied by a technical showing that the proposed operation complies with the technical criteria in § 73.623(c) and thereby will not result in new interference exceeding the *de minimis* standard for new interference set forth in that section, or statements from affected stations agreeing to the proposed operation in accordance with § 73.623(f).

(iv) A licensee desiring to operate at higher power under these provisions shall submit, with its initial application for a DTV construction permit or subsequent application to modify its DTV facilities, an engineering analysis demonstrating that the predicted field strengths and predicted interference within its service area would comport with the requirements of this paragraph. The licensee also must notify, by certified mail, all stations that could potentially be affected by such operation at the time the station files its application for a construction permit or modification of facilities. Potentially affected stations to be notified include stations on co-channel and first-adjacent channel allotments that are located at distances less than the minimum geographic spacing requirements in § 73.623(d)(2). For example, in Zone I a co-channel DTV station within 196.3 km or a first-adjacent channel DTV station within 110 km must be notified. A station that believes that its service is being affected beyond the *de minimis* standard set forth in § 73.623(c) may file an informal objection with the

Commission. Such an informal objection shall include an engineering analysis demonstrating that additional impermissible interference would occur. The Commission may condition grant of authority to operate at increased power pursuant to this provision on validation of actual performance through field measurements.

(5) Licensees and permittees assigned a DTV channel in the initial DTV Table of Allotments may request an increase in either ERP in some azimuthal direction or antenna HAAT, or both, that exceed the initial technical facilities specified for the allotment in Appendix B of the *Memorandum Opinion and Order* (referenced in paragraph (c) of this section), up to the maximum permissible limits on DTV power and antenna height set forth in paragraph (f)(6), (f)(7), or (f)(8) of this section, as appropriate, or up to that needed to provide the same geographic coverage area as the largest station within their market, whichever would allow the largest service area. Such requests must be accompanied by a technical showing that the increase complies with the technical criteria in §73.623(c), and thereby will not result in new interference exceeding the *de minimis* standard set forth in that section, or statements agreeing to the change from any co-channel or adjacent channel stations that might be affected by potential new interference, in accordance with §73.623(f). In the case where a DTV station has been granted authority to construct pursuant to §73.623(c), and its authorized coverage area extends in any azimuthal direction beyond the DTV coverage area determined for the DTV allotment reference facilities, then the authorized DTV facilities are to be used in addition to the assumed facilities of the initial DTV allotment to determine protection from new DTV allotments pursuant to §73.623(d) and from subsequent DTV applications filed pursuant to §73.623(c). The provisions of this paragraph regarding increases in the ERP or antenna height of DTV stations on channels in the initial DTV Table of Allotments shall also apply in cases where the licensee or permittee seeks to change the station's channel as well as alter its ERP and antenna HAAT. Li-

icensees and permittees are advised that where a channel change is requested, it may, in fact, be necessary in specific cases for the station to operate with reduced power, a lower antenna, or a directional antenna to avoid causing new interference to another station.

(6) A DTV station that operates on a channel 2-6 allotment created subsequent to the initial DTV Table will be allowed a maximum ERP of 10 kW if its antenna HAAT is at or below 305 meters and it is located in Zone I or a maximum ERP of 45 kW if its antenna HAAT is at or below 305 meters and it is located in Zone II or Zone III. A DTV station that operates on a channel 2-6 allotment included in the initial DTV Table of Allotments may request an increase in power and/or antenna HAAT up to these maximum levels, provided the increase also complies with the provisions of paragraph (f)(5) of this section.

(i) At higher HAAT levels, such DTV stations will be allowed to operate with lower maximum ERP levels in accordance with the following table and formulas (the allowable maximum ERP for intermediate values of HAAT is determined using linear interpolation based on the units employed in the table):

MAXIMUM ALLOWABLE ERP AND ANTENNA HEIGHT FOR DTV STATIONS IN ZONES II OR III ON CHANNELS 2-6

Antenna HAAT (meters)	ERP (kW)
610	10
580	11
550	12
520	14
490	16
460	19
425	22
395	26
365	31
335	37
305	45

(ii) For DTV stations located in Zone I that operate on channels 2-6 with an HAAT that exceeds 305 meters, the allowable maximum ERP expressed in decibels above 1 kW (dBk) is determined using the following formula, with HAAT expressed in meters:

$$ERP_{max} = 92.57 - 33.24 * \log_{10}(HAAT)$$

(iii) For DTV stations located in Zone II or III that operate on channels 2–6 with an HAAT that exceeds 610 meters, the allowable maximum ERP expressed in decibels above 1 kW (dBk) is determined using the following formula, with HAAT expressed in meters:

$$ERP_{\max} = 57.57 - 17.08 \cdot \log_{10}(\text{HAAT})$$

(7) A DTV station that operates on a channel 7–13 allotment created subsequent to the initial DTV Table will be allowed a maximum ERP of 30 kW if its antenna HAAT is at or below 305 meters and it is located in Zone I or a maximum ERP of 160 kW if its antenna HAAT is at or below 305 meters and it is located in Zone II or Zone III. A DTV station that operates on a channel 7–13 allotment included in the initial DTV Table of Allotments may request an increase in power and/or antenna HAAT up to these maximum levels, provided the increase also complies with the provisions of paragraph (f)(5) of this section.

(i) At higher HAAT levels, such DTV stations will be allowed to operate with lower maximum ERP levels in accordance with the following table and formulas (the allowable maximum ERP for intermediate values of HAAT is determined using linear interpolation based on the units employed in the table):

MAXIMUM ALLOWABLE ERP AND ANTENNA HEIGHT FOR DTV STATIONS IN ZONES II OR III ON CHANNELS 7–13

Antenna HAAT (meters)	ERP (kW)
610	30
580	34
550	40
520	47
490	54
460	64
425	76
395	92
365	110
335	132
305	160

(ii) For DTV stations located in Zone I that operate on channels 7–13 with an HAAT that exceeds 305 meters, the allowable maximum ERP expressed in decibels above 1 kW (dBk) is determined using the following formula, with HAAT expressed in meters:

$$ERP_{\max} = 97.35 - 33.24 \cdot \log_{10}(\text{HAAT})$$

(iii) For DTV stations located in Zone II or III that operate on channels 7–13 with an HAAT that exceeds 610 meters, the allowable maximum ERP expressed in decibels above 1 kW (dBk) is determined using the following formula, with HAAT expressed in meters:

$$ERP_{\max} = 62.34 - 17.08 \cdot \log_{10}(\text{HAAT})$$

(8) A DTV station that operates on a channel 14–59 allotment created subsequent to the initial DTV Table will be allowed a maximum ERP of 1000 kW if their antenna HAAT is at or below 365 meters. A DTV station that operates on a channel 14–59 allotment included in the initial DTV Table of Allotments may request an increase in power and/or antenna HAAT up to these maximum levels, provided the increase also complies with the provisions of paragraph (f)(5) of this section.

(i) At higher HAAT levels, such DTV stations will be allowed to operate with lower maximum ERP levels in accordance with the following table and formulas (the allowable maximum ERP for intermediate values of HAAT is determined using linear interpolation based on the units employed in the table):

MAXIMUM ALLOWABLE ERP AND ANTENNA HEIGHT FOR DTV STATIONS ON CHANNELS 14–59, ALL ZONES

Antenna HAAT (meters)	ERP (kW)
610	316
580	350
550	400
520	460
490	540
460	630
425	750
395	900
365	1000

(ii) For DTV stations located in Zone I, II or III that operate on channels 14–59 with an HAAT that exceeds 610 meters, the allowable maximum ERP expressed in decibels above 1 kW (dBk) is determined using the following formula, with HAAT expressed in meters:

$$ERP_{\max} = 72.57 - 17.08 \cdot \log_{10}(\text{HAAT})$$

(g) *DTV stations operating on channels above an analog TV station.* (1) DTV stations operating on a channel allotment designated with a “c” in paragraph (b) of this section must maintain the pilot carrier frequency of the DTV signal

5.082138 MHz above the visual carrier frequency of any analog TV broadcast station that operates on the lower adjacent channel and is located within 88 kilometers. This frequency difference must be maintained within a tolerance of ± 3 Hz.

(2) Unless it conflicts with operation complying with paragraph (g)(1) of this section, where a low power television station or TV translator station is operating on the lower adjacent channel within 32 km of the DTV station and notifies the DTV station that it intends to minimize interference by precisely maintaining its carrier frequencies, the DTV station shall cooperate in locking its carrier frequency to a common reference frequency and shall be responsible for any costs relating to its own transmission system in complying with this provision.

(h)(1) The power level of emissions on frequencies outside the authorized channel of operation must be attenuated no less than the following amounts below the average transmitted power within the authorized channel. In the first 500 kHz from the channel edge the emissions must be attenuated no less than 47 dB. More than 6 MHz from the channel edge, emissions must be attenuated no less than 110 dB. At any frequency between 0.5 and 6 MHz from the channel edge, emissions must be attenuated no less than the value determined by the following formula:

$$\text{Attenuation in dB} = -11.5(\Delta f + 3.6);$$

Where: Δf = frequency difference in MHz from the edge of the channel.

(2) This attenuation is based on a measurement bandwidth of 500 kHz. Other measurement bandwidths may be used as long as appropriate correction factors are applied. Measurements need not be made any closer to the band edge than one half of the resolution bandwidth of the measuring instrument. Emissions include sidebands, spurious emissions and radio frequency harmonics. Attenuation is to be measured at the output terminals of the transmitter (including any filters that may be employed). In the event of interference caused to any service, greater attenuation may be required.

[62 FR 26712, May 14, 1997]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 73.622 see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and on GPO Access.

EFFECTIVE DATE NOTE 1: At 67 FR 70018, Nov. 20, 2002, § 73.622 was amended in the Table of Allotments in paragraph (b) under California by adding Avalon, DTV channel 47c. This amendment will become effective 60 days after the concurrence of the Mexican government is obtained. The FCC will publish a document announcing when the concurrence has been obtained and giving the effective date.

EFFECTIVE DATE NOTE 2: At 69 FR 55781, Sept. 16, 2004, in § 73.622(b), the Table of Digital Television Allotments under Alaska, was amended by removing DTV channels 18, *24 and 30 and adding DTV channels *8c, 10c, and 12c at Anchorage, effective Oct. 25, 2004.

EFFECTIVE DATE NOTE 3: At 69 FR 55781, Sept. 16, 2004, in § 73.622(b), the Table of Digital Television Allotments under Vermont was amended by removing DTV channel *56 and adding DTV channel *9 at Rutland, effective Oct. 25, 2004.

EFFECTIVE DATE NOTE 4: At 69 FR 57232, Sept. 24, 2004, in § 73.622(b), the Table of Digital Television Allotments under North Dakota was amended by removing DTV channel 14 and adding DTV channel 18 at Jamestown, effective Nov. 1, 2004.

§ 73.623 DTV applications and changes to DTV allotments.

(a) *General.* This section contains the technical criteria for evaluating applications requesting DTV facilities that do not conform to the provisions of § 73.622 and petitions for rule making to amend the DTV Table of Allotments (§ 73.622(b)). Petitions to amend the DTV Table (other than those also expressly requesting amendment of this section) and applications for new DTV broadcast stations or for changes in authorized DTV stations filed pursuant to this section will not be accepted for filing if they fail to comply with the requirements of this section.

(b) In considering petitions to amend the DTV Table and applications filed pursuant to this section, the Commission will use geographic coordinates defined in § 73.622(d) as reference points in determining allotment separations and evaluating interference potential.

(c) *Minimum technical criteria for modification of DTV allotments included in the initial DTV Table of Allotments and for*