

§ 90.615

[47 FR 41032, Sept. 16, 1982, as amended at 48 FR 51928, Nov. 15, 1983; 51 FR 37402, Oct. 22, 1986; 52 FR 29856, Aug. 12, 1987; 53 FR 1025, Jan. 15, 1988; 54 FR 38681, Sept. 20, 1989; 54 FR 39740, Sept. 28, 1989]

§ 90.615 Spectrum blocks available in the General Category for 800 MHz SMR General Category.

TABLE 1—806–821/851–866 MHz BAND CHANNELS (150 CHANNELS)

Spectrum block	Channel Nos.
D	1 through 25
D1	26 through 50
E	51 through 75
E1	76 through 100
F	101 through 125
F1	126 through 150

[64 FR 71054, Dec. 20, 1999]

§ 90.617 Frequencies in the 809.750–824/854.750–869 MHz, and 896–901/935–940 MHz bands available for trunked or conventional system use in non-border areas.

(a) The channels listed in table 1 and paragraph (a)(1) of this section are available to eligible applicants in the Public Safety Category which consists of licensees eligible in the Public Safety Pool of subpart B of this part. These frequencies are available in areas farther than 110 km (68.4 miles) from the U.S./Mexican border, and 140 km (87 miles) from the U.S./Canadian border. Specialized Mobile Radio Systems will not be authorized in this category. These channels are available for inter-category sharing as indicated in § 90.621(g).

PUBLIC SAFETY CATEGORY

TABLE 1—806–821/851–866 MHz BAND CHANNELS (70 CHANNELS)

Group No.	Channel Nos.
209	209–249–289–329–369
210	210–250–290–330–370
211	211–251–291–331–371
218	218–258–298–338–378
219	219–259–299–339–379
220	220–260–300–340–380
229	229–269–309–349–389
230	230–270–310–350–390
231	231–271–311–351–391
238	238–278–318–358–398
239	239–279–319–359–399
240	240–280–320–360–400
Single channels	159, 169, 179, 189, 199, 160, 170, 180, 190, 200

(1) Channels numbers 601–830 are also available to eligible applicants in the Public Safety Category in areas farther than 110 km (68.4 miles) from the U.S./Mexican border, and 140 km (87 miles) from the U.S./Canadian border. The assignment of these channels will be done in accordance with the policies defined in the *Report and Order* of Gen. Docket No. 87–112 (See § 90.16). The following channels are available only for mutual aid purposes as defined in Gen. Docket No. 87–112: channels 601, 639, 677, 715, 753.

(b) The channels listed in Table 2A are available to eligible applicants in the Industrial/Land Transportation Category (consisting of Power, Petroleum, Forest Products, Film and Video Production, Relay Press, Special Industrial, Manufacturers, Telephone Maintenance, Motor Carrier, Railroad, Taxicab, and Automobile Emergency licensees, as defined in § 90.7). These frequencies are available in areas farther than 110 km (68.4 miles) from the U.S./Mexico border and farther than 140 km (87.0 miles) from the U.S./Canada border. Specialized Mobile Radio (SMR) systems will not be authorized on these frequencies. These channels are available for inter-category sharing as indicated in § 90.621(g).

TABLE 2A—INDUSTRIAL/LAND TRANSPORTATION CATEGORY 806–821/851–866 MHz BAND CHANNELS (50 CHANNELS):

Group No.	Channel Nos.
212	212–252–292–332–372
213	213–253–293–333–373
214	214–254–294–334–374
215	215–255–295–335–375
216	216–256–296–336–376
217	217–257–297–337–377
Single channels	155, 165, 175, 185, 195, 156, 166, 176, 186, 196, 157, 167, 177, 187, 197, 158, 168, 178, 188, 198

TABLE 2B—INDUSTRIAL/LAND TRANSPORTATION CATEGORY 896–901/935–940 MHz BAND CHANNELS (99 CHANNELS):

For multichannel systems channels may be grouped vertically or horizontally as they appear in the table.

Channel Nos.	
31–32–33–34–35	71–72–73–74–75
36–37–38–39–40	76–77–78–79–80

Federal Communications Commission

§ 90.617

111-112-113-114-115	271-272-273-274-275
116-117-118-119-120	276-277-278-279-280
151-152-153-154-155	311-312-313-314-315
156-157-158-159-160	316-317-318-319-320
191-192-193-194-195	351-352-353-354-355
196-197-198-199-200	356-357-358-359-360
231-232-233-234-235	391-392-393-394-395
236-237-238-239-240	396-397-398-399.

(c) The channels listed in Table 3A are available to eligible applicants in the Business Radio Category. This category includes those entities eligible in the Industrial/Business Pool of subpart C of this part and does not include Special Mobilized Radio Systems as defined in §90.603(c). These frequencies are available in areas farther than 110 km (68.4 miles) from the U.S./Mexico border and farther than 140 km (87.0 miles) from the U.S./Canada border. Specialized Mobile Radio Systems will not be authorized on these frequencies. These channels are available for inter-category sharing as indicated in §90.621(g).

TABLE 3A—BUSINESS CATEGORY 806-821/851-866 MHZ BAND CHANNELS (50 CHANNELS):

Group No.	Channel Nos.
232	232-272-312-352-392
233	233-273-313-353-393
234	234-274-314-354-394
235	235-275-315-355-395
236	236-276-316-356-396
237	237-277-317-357-397
Single channels	151, 161, 171, 181, 191, 152, 162, 172, 182, 192, 153, 163, 173, 183, 193, 154, 164, 174, 184, 194

TABLE 3B—BUSINESS CATEGORY 896-901/935-940 MHZ BAND CHANNELS (100 CHANNELS):

For multichannel systems, channels may be grouped vertically or horizontally as they appear in the table.

11-12-13-14-15	211-212-213-214-215
16-17-18-19-20	216-217-218-219-220
51-52-53-54-55	251-252-253-254-255
56-57-58-59-60	256-257-258-259-260
91-92-93-94-95	291-292-293-294-295
96-97-98-99-100	296-297-298-299-300
131-132-133-134-135	331-332-333-334-335
136-137-138-139-140	336-337-338-339-340
171-172-173-174-175	371-372-373-374-375
176-177-178-179-180	376-377-378-379-380.

(d) The channels listed in Tables 4A and 4B are available only to eligibles in the SMR category which consists of

Specialized Mobile Radio (SMR) stations and eligible end users. The frequencies listed in Table 4A are available to SMR eligibles desiring to be authorized for EA-based service areas in accordance with §90.681. SMR licenses licensed on Channels 401-600 on or before March 3, 1996, may continue to utilize these frequencies within their existing service areas, subject to the mandatory relocation provisions of §90.699. This paragraph deals with the assignment of frequencies only in areas farther than 110 km (68.4 miles) from the U.S./Mexico border and farther than 140 km (87) miles from the U.S./Canada border. See §90.619 for the assignment of SMR frequencies in these border areas. For stations located within 113 km (70 miles) of Chicago, channels 401-600 will be assigned in blocks as outlined in Table 4C.

TABLE 4A—SMR CATEGORY 806-821/851-866 MHZ BAND CHANNELS (280 CHANNELS)

Spectrum block	Channel Nos.
A	401 through 420
B	421 through 480
C	481 through 600
G	201-241-281-321-361
H	202-242-282-322-362
I	203-243-283-323-363
J	204-244-284-324-364
K	205-245-285-325-365
L	206-246-286-326-366
M	207-247-287-327-367
N	208-248-288-328-368
O	221-261-301-341-381
P	222-262-302-342-382
Q	223-263-303-343-383
R	224-264-304-344-384
S	225-265-305-345-385
T	226-266-306-346-386
U	227-267-307-347-387
V	228-268-308-348-388

TABLE 4B—SMR CATEGORY 896-901/935-940 MHZ BAND-CHANNELS (200 CHANNELS)

Block	Channel Nos.
A	1-2-3-4-5-6-7-8-9-10
B	21-22-23-24-25-26-27-28-29-30
C	41-42-43-44-45-46-47-48-49-50
D	61-62-63-64-65-66-67-68-69-70
E	81-82-83-84-85-86-87-88-89-90
F	101-102-103-104-105-106-107-108-109-110
G	121-122-123-124-125-126-127-128-129-130
H	141-142-143-144-145-146-147-148-149-150
I	161-162-163-164-165-166-167-168-169-170
J	181-182-183-184-185-186-187-188-189-190
K	201-202-203-204-205-206-207-208-209-210
L	221-222-223-224-225-226-227-228-229-230
M	241-242-243-244-245-246-247-248-249-250
N	261-262-263-264-265-266-267-268-269-270
O	281-282-283-284-285-286-287-288-289-290

§ 90.619

47 CFR Ch. I (10-1-04 Edition)

TABLE 4B—SMR CATEGORY 896-901/935-940 MHz BAND-CHANNELS (200 CHANNELS)—Continued

Block	Channel Nos.
P	301-302-303-304-305-306-307-308-309-310
Q	321-322-323-324-325-326-327-328-329-330
R	341-342-343-344-345-346-347-348-349-350
S	361-362-363-364-365-366-367-368-369-370
T	381-382-383-384-385-386-387-388-389-390

[47 FR 41032, Sept. 16, 1982, as amended at 47 FR 51883, Nov. 18, 1982; 51 FR 37404, Oct. 22, 1986; 52 FR 3662, Feb. 5, 1987; 52 FR 29856, Aug. 12, 1987; 53 FR 1026, Jan. 15, 1988; 53 FR 12156, Apr. 13, 1988; 54 FR 38682, Sept. 20, 1989; 58 FR 31476, June 3, 1993; 58 FR 44962, Aug. 25, 1993; 60 FR 21990, May 4, 1995; 60 FR 48918, Sept. 21, 1995; 61 FR 6156, Feb. 16, 1996; 61 FR 6576, Feb. 21, 1996; 62 FR 18934, Apr. 17, 1997; 62 FR 41214, July 31, 1997]

TABLE 4C—SMR CATEGORY—CHICAGO PLAN ^{2, 3}

Group No.	Channel Nos.
401 ¹	401 through 410
411	411-447-483-519-555
412	412-448-484-520-556
413	413-449-485-521-557
414	414-450-486-522-558
415	415-451-487-523-559
416	416-452-488-524-560
417	417-453-489-525-561
418	418-454-490-526-562
419	419-455-491-527-563
420	420-456-492-528-564
421	421-457-493-529-565
422	422-458-494-530-566
423	423-459-495-531-567
424	424-460-496-532-568
425	425-461-497-533-569
426	426-462-498-534-570
427	427-463-499-535-571
428	428-464-500-536-572
429	429-465-501-537-573
430	430-466-502-538-574
431	431-467-503-539-575
432	432-468-504-540-576
433	433-469-505-541-577
434	434-470-506-542-578
435	435-471-507-543-579
436	436-472-508-544-580
437	437-473-509-545-581
438	438-474-510-546-582
439	439-475-511-547-583
440	440-476-512-548-584
441	441-477-513-549-585
442	442-478-514-550-586
443	443-479-515-551-587
444	444-480-516-552-588
445	445-481-517-553-589
446	446-482-518-554-590
591	591-592-593-594-595
596	596-597-598-599-600

¹ Reserved for contiguous assignments or as a frequency pool for assignments to systems with odd number of channels.

² These frequencies will be authorized only in the area encompassed by a 113 km (70 mile) radius centered at 41°52'28" N. 87°38'22" W.

³ All stations located beyond the 113 km (70 mile) distance authorized on or before August 16, 1982 to use these frequencies may continue to do so. Stations beyond the 113 km (70 mile) distance authorized after August 16, 1982, shall employ frequencies listed in table 4A subject to the provisions of § 90.621 (b) or (c) as applicable.

§ 90.619 Frequencies available for use in the U.S./Mexico and U.S./Canada border areas.

(a) U.S./Mexico border area. The channels listed in tables 1A, 2A, 3A and 4A are offset 12.5 kHz lower in frequency than those specified in the 806-821/851-866 MHz table in § 90.613. The Channel 201 base frequency will be 856.000 MHz, followed by Channel 202 at 856.025 MHz and proceeding with uniform 25 kHz channeling to Channel 400 at 860.975 MHz. Mobile station frequencies will be 45 MHz lower in frequency. These channels are available for assignment for conventional or trunked systems only in areas 110 kilometers (68.4 miles) or less from the U.S./Mexico border. Stations located on Mt. Lemmon, serving the Tucson, AZ area, will only be authorized offset frequencies. The channels listed in tables 2B, 3B, and 4B correspond to those specified in the 896-901/935-940 MHz table in § 90.613 and are not offset. Mobile station frequencies will be 39 MHz lower in frequency. The frequencies listed in tables 2B, 3B, and 4B are not available for licensing in the U.S./Mexico border area until June 11, 1993.

(1) Table 1A lists the channels in the 806-821/851-866 MHz band that are available for assignment to eligible applicants in the Public Safety Category which consists of licensees eligible in the Public Safety Pool of subpart B of this part. Specialized Mobile Radio Systems (SMRS) will not be authorized in this category. These channels are available for intercategory sharing as indicated in § 90.621(g).

TABLE 1—UNITED STATES/MEXICO BORDER AREA, PUBLIC SAFETY CATEGORY-806-821/851-866 MHz BAND (85 CHANNELS)

Offset group No.	Offset channel Nos.
201 ¹	241-281-321-361
202	202-242-282-322-362
203	203-243-283-323-363