

Federal Communications Commission

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TABLE OF 896-901/935-940 MHz CHANNEL DESIGNATIONS—Continued

Channel No.	Base frequency (MHz)
383	.7875
384	.8000
385	.8125
386	.8250
387	.8375
388	.8500
389	.8625
390	.8750
391	.8875
392	.9000
393	.9125
394	.9250
395	.9375
396	.9500
397	.9625
398	.9750
399	.9875

[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 licenses, 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).

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**47 CFR Ch. I (10-1-00 Edition)**

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

Group No.	Channel Nos.
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 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.

<i>Channel Nos.</i>	
31-32-33-34-35	231-232-233-234-235
36-37-38-39-40	236-237-238-239-240
71-72-73-74-75	271-272-273-274-275
76-77-78-79-80	276-277-278-279-280
111-112-113-114-115	311-312-313-314-315
116-117-118-119-120	316-317-318-319-320
151-152-153-154-155	351-352-353-354-355
156-157-158-159-160	356-357-358-359-360
191-192-193-194-195	391-392-393-394-395
196-197-198-199-200	396-397-398-399.

**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.

(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).

(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 licensees 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 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

**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

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TABLE 4A—SMR CATEGORY 806–821/851–866 MHz BAND CHANNELS (280 CHANNELS)—Continued

Spectrum block	Channel Nos.
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
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

TABLE 4C—SMR CATEGORY—CHICAGO PLAN <sup>2, 3</sup>

Group No.	Channel Nos.
401 <sup>1</sup> .....	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

TABLE 4C—SMR CATEGORY—CHICAGO PLAN <sup>2, 3</sup>—Continued

Group No.	Channel Nos.
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

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

<sup>2</sup> 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.

<sup>3</sup> 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.

[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]

**§ 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