TELEPHONE-RELATED FREQUENCIES

TELEPHONE FREQUENCY BANDS - BY FREQUENCY

35.22 - 35.66 RADIO PAGING

43.22 - 43.64 RADIO PAGING

46.61 - 46.97 CORDLESS TELEPHONES

49.67 - 49.97 WIRELESS ROOM/BABY MONITORS

145.10 - 145.50 HAM AUTOPATCH

146.61 - 147.39 HAM AUTOPATCH

152.03 - 152.21 RCC ~& RADIO PAGING

152.48 - 152.825 IMTS TELEPHONE/CANADA

152.51 - 152.81 IMTS TELEPHONE ~& RADIO PAGING

157.74 - 158.10 RADIO PAGING

158.49 - 158.70 RADIO PAGING

158.91 - 161.565 RAILROADS/CANADA

160.215 - 161.565 RAILROADS/USA

161.80 - 162.025 MARINE OPERATOR SHIP/SHORE

223.85 - 224.98 HAM AUTOPATCH

442.00 - 445.00 HAM AUTOPATCH

447.00 - 450.00 HAM AUTOPATCH

451.175 - 451.6875 TELEPHONE REPAIR

454.025 - 454.35 RCC~ RADIO PAGING

454.40 - 454.65 IMTS TELEPHONE ~& RADIO PAGING

454.70 - 454.975 TELCO AIR/GROUND OPERATORS

459.025 - 459.65 RADIO PAGING

459.70 - 459.975 TELCO AIR/GROUND AIRCRAFT

479.025 - 493.00 OFFSHORE OIL PLATFORMS

861.0125 - 865.2375 BASIC EXCHANGE RADIO SERVICE

869.00 - 894.00 CELLULAR PHONES

902.00 - 928.00 900 MHZ CORDLESS PHONES

929.00 - 932.00 RADIO PAGING

TELEPHONE FREQUENCY BANDS - BY SERVICE

902.00 - 928.00 900 MHZ CORDLESS PHONES

861.0125 - 865.2375 BASIC EXCHANGE RADIO SERVICE

869.00 - 894.00 CELLULAR PHONES

46.61 - 46.97 CORDLESS TELEPHONES

145.10 - 145.50 HAM AUTOPATCH

146.61 - 147.39 HAM AUTOPATCH

223.85 - 224.98 HAM AUTOPATCH

442.00 - 445.00 HAM AUTOPATCH

447.00 - 450.00 HAM AUTOPATCH

152.48 - 152.825 IMTS TELEPHONE/CANADA

152.51 - 152.81 IMTS TELEPHONE ~& RADIO PAGING

454.40 - 454.65 IMTS TELEPHONE ~& RADIO PAGING

161.80 - 162.025 MARINE OPERATOR SHIP/SHORE

479.025 - 493.00 OFFSHORE OIL PLATFORMS

35.22 - 35.66 RADIO PAGING

43.22 - 43.64 RADIO PAGING

157.74 - 158.10 RADIO PAGING

158.49 - 158.70 RADIO PAGING

459.025 - 459.65 RADIO PAGING

929.00 - 932.00 RADIO PAGING

158.91 - 161.565 RAILROADS/CANADA

160.215 - 161.565 RAILROADS/USA

152.03 - 152.21 RCC ~& RADIO PAGING

454.025 - 454.35 RCC~ & RADIO PAGING

454.70 - 454.975 TELCO AIR/GROUND OPERATORS

459.70 - 459.975 TELCO AIR/GROUND AIRCRAFT

451.175 - 451.6875 TELEPHONE REPAIR

49.67 - 49.97 WIRELESS ROOM/BABY MONITORS

---

900 MHZ CORDLESS TELEPHONE FREQUENCIES - (AFTER MID-1992) - 902 - 928 MHZ NFM

902.000 - 928.000 900 MHZ CORDLESS TELEPHONES (60-100 KHZ SPACING)

PANASONIC KX-T9000 (30 CHANNELS)

902.1 - 903.9 TRANSPONDER (BASE) FREQUENCIES (60 KHZ SPACING)

926.1 - 927.9 HANDSET FREQUENCIES

FIRST CHANNEL

902.1 DEFAULT TRANSPONDER FREQUENCY

926.1 HANDSET FREQUENCY (24 MHZ HIGHER)

CH BASE HANDSET CH BASE HANDSET

-- ------- ------- -- ------- -------

01 902.100 926.100 08 902.310 926.310

02 902.130 926.130 09 902.340 926.340

03 902.160 926.160 10 902.370 926.370

04 902.190 926.190 11 902.400 926.400

05 902.220 926.220 ^ ^ ^

06 902.250 926.250 ^ ^ ^

07 902.280 926.280 59 903.870 927.870

V-TECH TROPEZ DX900 (20 CHANNELS)

905.6 - 907.5 TRANSPONDER (BASE) FREQUENCIES (100 KHZ SPACING)

925.5 - 927.4 HANDSET FREQUENCIES

ONE SUCH CHANNEL

906.375 DEFAULT TRANSPONDER FREQUENCY

926.275 HANDSET FREQUENCY

OTHER 900 MHZ CORDLESS PHONES

AT&T #9120 - 902-905 & 925-928 MHZ

OTRON CORP. #CP-1000 - 902.1-903.9 & 926.1-927.9 MHZ

SAMSUNG #SP-R912- 903 & 927 MHZ

CELLULAR TELEPHONE FREQUENCIES BANDS

824.0000 - 834.2600 NON-WIRELINE COS. (RADIO COMMON CARRIERS) MOBILES

845.0000 - 846.5000 NON-WIRELINE COS. (RADIO COMMON CARRIERS) MOBILES

869.0000 - 879.3600 NON-WIRELINE COS. (RADIO COMMON CARRIERS) BASES

890.0000 - 891.5000 NON-WIRELINE COS. (RADIO COMMON CARRIERS) BASES

835.6500 - 845.0000 WIRELINE COS. (LOCAL TELEPHONE COMPANY) MOBILES

846.5000 - 849.0000 WIRELINE COS. (LOCAL TELEPHONE COMPANY) MOBILES

880.6500 - 890.0000 WIRELINE COS. (LOCAL TELEPHONE COMPANY) MOBILES ?

891.5000 - 894.0000 WIRELINE COS. (LOCAL TELEPHONE COMPANY) MOBILES ?

829.000 - 849.000 CELLULAR TRANS. FREQUENCY RANGE (30 KHZ)

869.000 - 894.000 CELLULAR RECV. FREQUENCY RANGE (PAIRED FREQS)

869.0000 - 880.0000 SYSTEM A - NON WIRELINE TELEPHONE FREQUENCIES

880.0000 - 894.0000 SYSTEM B - WIRELINE TELEPHONE FREQUENCIES

CELLULAR TELEPHONE FREQUENCIES

Base Mobile Base Mobile

~Transmit Transmit~ Transmit~ Transmit

Channel Frequency Frequency Channel Frequency Frequency

Number (MHz) (MHz) ~ Number (MHz) (MHz) ~

1 870.0300 825.0300 30 870.9000 825.9000

2 870.0600 825.0600 31 870.9300 825.9300

3 870.0900 825.0900 32 870.9600 825.9600

4 870.1200 825.1200 33 870.9900 825.9900

5 870.1500 825.1500 34 871.0200 826.0200

6 870.1800 825.1800 35 871.0500 826.0500

7 870.2100 825.2100 36 871.0800 826.0800

8 870.2400 825.2400 37 871.1100 826.1100

9 870.2700 825.2700 38 871.1400 826.1400

10 870.3000 825.3000 39 871.1700 826.1700

11 870.3300 825.3300 40 871.2000 826.2000

12 870.3600 825.3600 41 871.2300 826.2300

13 870.3900 825.3900 42 871.2600 826.2600

14 870.4200 825.4200 43 871.2900 826.2900

15 870.4500 825.4500 44 871.3200 826.3200

16 870.4800 825.4800 45 871.3500 826.3500

17 870.5100 825.5100 46 871.3800 826.3800

18 870.5400 825.5400 47 871.4100 826.4100

19 870.5700 825.5700 48 871.4400 826.4400

20 870.6000 825.6000 49 871.4700 826.4700

21 870.6300 825.6300 50 871.5000 826.5000

22 870.6600 825.6600 51 871.5300 826.5300

23 870.6900 825.6900 52 871.5600 826.5600

24 870.7200 825.7200 53 871.5900 826.5900

25 870.7500 825.7500 54 871-6200 826-6200

26 870.7800 825.7800 55 871 6500 826.6500

27 870.8100 825.8100 56 871.6800 826.6800

28 870.8400 825.8400 57 871.7100 826.7100

29 870.8700 825.8700 58 871.7400 826.7400

59 871.7700 826.7700 111 873.3300 828.3300

60 871.8000 826.8000 112 873.3600 828.3600

61 871.8300 826.8300 113 873.3900 828.3900

62 871.8600 826.8600 114 873.4200 828.4200

63 871.8900 826.8900 115 873.4500 828.4500

64 871.9200 826.9200 116 873.4800 828.4800

65 871.9500 826.9500 117 873.5100 828.5100

66 871.9800 826.9800 118 873.5400 828.5400

67 872.0100 827.0100 119 873.5700 828.5700

68 872.0400 827.0400 120 873.6000 828.6000

69 872.0700 827.0700 121 873.6300 828.6300

70 872.1000 827.1000 122 873.6600 828.6600

71 872.1300 827.1300 123 873.6900 828.6900

72 872.1600 827.1600 124 873.7200 828.7200

73 872.1900 827.1900 125 873.7500 828.7500

74 872.2200 827.2200 126 873.7800 828.7800

75 872.2500 827.2500 127 873.8100 828.8100

76 872.2800 827.2800 128 873.8400 828.8400

77 872.3100 827.3100 129 873.8700 828.8700

78 872.3400 827.3400 130 873.9000 828.9000

79 872.3700 827.3700 131 873.9300 828.9300

80 872.4000 827.4000 132 873.9600 828.9600

81 872.4300 827.4300 133 873.9900 828.9900

82 872.4600 827.4600 134 874.0200 829.0200

83 872.4900 827.4900 135 874.0500 829.0500

84 872.5200 827.5200 136 874.0800 829.0800

85 872.5500 827.5500 137 874.1100 829.1100

86 872.5800 827.5800 138 874.1400 829.1400

87 872.6100 827.6100 139 874.1700 829.1700

88 872.6400 827.6400 140 874.2000 829.2000

89 872.6700 827.6700 141 874.2300 829.2300

90 872.7000 827.7000 142 874.2600 829.2600

91 872.7300 827.7300 143 874.2900 829.2900

92 872.7600 827.7600 144 874.3200 829.3200

93 872.7900 827.7900 145 874.3500 829.3500

94 872.8200 827.8200 146 874.3800 829.3800

95 872.8500 827.8500 147 874.4100 829.4100

96 872.8800 827.8800 148 874.4400 829.4400

97 872.9100 827.9100 149 874.4700 829.4700

98 872.9400 827.9400 150 874.5000 829.5000

99 872.9700 827.9700 151 874.5300 829.5300

100 873.0000 828.0000 152 874.5600 829.5600

101 873.0300 828.0300 153 874.5900 829.5900

102 873.0600 828.0600 154 874.6200 829.6200

103 873.0900 828.0900 155 874.6500 829.6500

104 873.1200 828.1200 156 874.6800 829.6800

l05 873.1500 828.1500 157 874.7100 829.7100

106 873.1800 828.1800 158 874.7400 829.7400

107 873.2100 828.2100 159 874.7700 829.7700

108 873.2400 828.2400 160 874.8000 829.8000

109 873.2700 828.2700 161 874.8300 829.8300

110 873.3000 828.3000 162 874.8600 829.8600

163 874.8900 829.8900 215 876.4500 831.4500

164 874.9200 829.9200 216 876.4800 831.4800

165 874.9500 829.9500 217 876.5100 831.5100

166 874.9800 829.9800 218 876.5400 831.5400

167 875.0100 830.0100 219 876.5700 831.5700

168 875.0400 830.0400 220 876.6000 831.6000

169 875.0700 830.0700 221 876.6300 831.6300

170 875.1000 830.1000 222 876.6600 831.6600

171 875.1300 830.1300 223 876.6900 831.6900

172 875.1600 830.1600 224 876.7200 831.7200

173 875.1900 830.1900 225 876.7500 831.7500

174 875.2200 830.2200 226 876.7800 831.7800

175 875.2500 830.2500 227 876.8100 831.8100

176 875.2800 830.2800 228 876.8400 831.8400

177 875.3100 830.3100 229 876.8700 831.8700

178 875.3400 830.3400 230 876.9000 831.9000

179 875.3700 830.3700 231 876.9300 831.9300

180 875.4000 830.4000 232 876.9600 831.9600

181 875.4300 830.4300 233 876.9900 831.9900

182 875.4600 830.4600 234 877.0200 832.0200

183 875.4900 830.4900 235 877.0500 832.0500

184 875.5200 830.5200 236 877.0800 832.0800

185 875.5500 830.5500 237 877.1100 832.1100

186 875.5800 830.5800 238 877.1400 832.1400

187 875.6100 830.6100 239 877.1700 832.1700

188 875.6400 830.6400 240 877.2000 832.2000

189 875.6700 830.6700 241 877.2300 832.2300

190 875.7000 830.7000 242 877.2600 832.2600

191 875.7300 830.7300 243 877.2900 832.2900

192 875.7600 830.7600 244 877.3200 832.3200

193 875.7900 830.7900 245 877.3500 832.3500

194 875.8200 830.8200 246 877.3800 832.3800

195 875.8500 830.8500 247 877.4100 832.4100

196 875.8800 830.8800 248 877.4400 832.4400

197 875.9100 830.9100 249 877.4700 832.4700

198 875.9400 830.9400 250 877.5000 832.5000

199 875.9700 830.9700 251 877.5300 832.5300

200 876.0000 831.0000 252 877.5600 832.5600

201 876.0300 831.0300 253 877.5900 832.5900

202 876.0600 831.0600 254 877.6200 832.6200

203 876.0900 831.0900 255 877.6500 832.6500

204 876.1200 831.1200 256 877.6800 832.6800

205 876.1500 831.1500 257 877.7100 832.7100

206 876.1800 831.1800 258 877.7400 832.7400

207 876.2100 831.2100 259 877.7700 832.7700

208 876.2400 831.2400 260 877.8000 832.8000

209 876.2700 831.2700 261 877.8300 832.8300

210 876.3000 831.3000 262 877.8600 832.8600

211 876.3300 831.3300 263 877.8900 832.8900

212 876.3600 831.3600 264 877.9200 832.9200

213 876.3900 831.3900 265 877.9500 832.9500

214 876.4200 831.4200 266 877.9800 832.9800

267 878.0100 833.0100 319 879.5700 834.5700

268 878.0400 833.0400 320 879.6000 834.6000

269 878.0700 833.0700 321 879.6300 834.6300

270 878.1000 833.1000 322 879.6600 834.6600

271 878.1300 833.1300 323 879.6900 834.6900

272 878.1600 833.1600 324 879.7200 834.7200

273 878.1900 833.1900 325 879.7500 834.7500

274 878.2200 833.2200 326 879.7800 834.7800

275 878.2500 833.2500 327 879.8100 834.8100

276 878.2800 833.2800 328 879.8400 834.8400

277 878.3100 833.3100 329 879.8700 834.8700

278 878.3400 833.3400 330 879.9000 834.9000

279 878.3700 833.3700 331 879.9300 834.9300

280 878.4000 833.4000 332 879.9600 834.9600

281 878.4300 833.4300 333 879.9900 834.9900

282 878.4600 833.4600 334 880.0200 835.0200

283 878.4900 833.4900 335 880.0500 835.0500

284 878.5200 833.5200 336 880.0800 835.0800

285 878.5500 833.5500 337 880.1100 835.1100

286 878.5800 833.5800 338 880.1400 835.1400

287 878.6100 833.6100 339 880.1700 835.1700

288 878.6400 833.6400 340 880.2000 835.2000

289 878.6700 833.6700 341 880.2300 835.2300

290 878.7000 833.7000 342 880.2600 835.2600

291 878.7300 833.7300 343 880.2900 835.2900

292 878.7600 833.7600 344 880.3200 835.3200

293 878.7900 833.7900 345 880.3500 835.3500

294 878.8200 833.8200 346 880.3800 835.3800

295 878.8500 833.8500 347 880.4100 835.4100

296 878.8800 833.8800 348 880.4400 835.4400

297 878.9100 833.9100 349 880.4700 835.4700

298 878.9400 833.9400 350 880.5000 835.5000

299 878.9700 833.9700 351 880.5300 835.5300

300 879.0000 834.0000 352 880.5600 835.5600

301 879.0300 834.0300 353 880.5900 835.5900

302 879.0600 834.0600 354 880.6200 853.6200

303 879.0900 834.0900 355 880.6500 835.6500

304 879.1200 834.1200 356 880.6800 835.6800

305 879.1500 834.1500 357 880.7100 835.7100

306 879.1800 834.1800 358 880.7400 835.7400

307 879.2100 834.2100 359 880.7700 835.7700

308 879.2400 834.2400 360 880.8000 835.8000

309 879.2700 834.2700 361 880.8300 835.8300

310 879.3000 834.3000 362 880.8600 835.8600

311 879.3300 834.3300 363 880.8900 835.8900

312 879.3600 834.3600 364 880.9200 835.9200

313 879.3900 834.3900 365 880.9500 835.9500

314 879.4200 834.4200 366 880.9800 835.9800

315 879.4500 834.4500 367 881.0100 836.0100

316 879.4800 834.4800 368 881.0400 836.0400

317 879.5100 834.5100 369 881.0700 836.0700

318 879.5400 834.5400 370 881.1000 836.1000

371 881.1300 836.1300 423 882.6900 837.6900

372 881.1600 836.1600 424 882.7200 837.7200

373 881.1900 836.1900 425 882.7500 837.7500

374 881.2200 836.2200 426 882.7800 837.7800

375 881.2500 836.2500 427 882.8100 837.8100

376 881.2800 836.2800 428 882.8400 837.8400

377 881.3100 836.3100 429 882.8700 837.8700

378 881.3400 836.3400 430 882.9000 837.9000

379 881.3700 836.3700 431 882.9300 837.9300

380 881.4000 836.4000 432 882.9600 837.9600

381 881.4300 836.4300 433 882.9900 837.9900

382 881.4600 836.4600 434 883.0200 838.0200

383 881.4900 836.4900 435 883.0500 838.0500

384 881.5200 836.5200 436 883.0800 838.0800

385 881.5500 836.5500 437 883.1100 838.1100

386 881.5800 836.5800 438 883.1400 838.1400

387 881.6100 836.6100 439 883.1700 838.1700

388 881.6400 836.6400 440 883.2000 838.2000

389 881.6700 836.6700 441 883.2300 838.2300

390 881.7000 836.7000 442 883.2600 838.2600

391 881.7300 836.7300 443 883.2900 838.2900

392 881.7600 836.7600 444 883.3200 838.3200

393 881.7900 836.7900 445 883.3500 838.3500

394 881.8200 836.8200 446 883.3800 838.3800

395 881.8500 836.8500 447 883.4100 838.4100

396 881.8800 836.8800 448 883.4400 838.4400

397 881.9100 836.9100 449 883.4700 838.4700

398 881.9400 836.9400 450 883.5000 838.5000

399 881.9700 836.9700 451 883.5300 838.5300

400 882.0000 837.0000 452 883.5600 838.5600

401 882.0300 837.0300 453 883.5900 838.5900

402 882.0600 837.0600 454 883.6200 838.6200

403 882.0900 837.0900 455 883.6500 838.6500

404 882.1200 837.1200 456 883.6800 838.6800

405 882.1500 837.1500 457 883.7100 838.7100

406 882.1800 837.1800 458 883.7400 838.7400

407 882.2100 837.2100 459 883.7700 838.7700

408 882.2400 837.2400 460 883.8000 838.8000

409 882.2700 837.2700 461 883.8300 838.8300

410 882.3000 837.3000 462 883.8600 838.8600

411 882.3300 837.3300 463 883.8900 838.8900

412 882.3600 837.3600 464 883.9200 838.9200

413 882.3900 837.3900 465 883.9500 838.9500

414 882.4200 837.4200 466 883.9800 838.9800

415 882.4500 837.4500 467 884.0100 839.0100

416 882.4800 837.4800 468 884.0400 839.0400

417 882.5100 837.5100 469 884.0700 839.0700

418 882.5400 837.5400 470 884.1000 839.1000

419 882.5700 837.5700 471 884.1300 839.1300

420 882.6000 837.6000 472 884.1600 839.1600

421 882.6300 837.6300 473 884.1900 839.1900

422 882 6000~ 837.6600~ 474 884.2200 839.2200

475 884.2500 839.2500 527 885.8100 840.8100

476 884.2800 839.2800 528 885.8400 840.8400

477 884.3100 839.3100 529 885.8700 840.8700

478 884.3400 839.3400 530 885.9000 840.9000

479 884.3700 839.3700 531 885.9300 840.9300

480 884.4000 839.4000 532 885.9600 840.9600

481 884.4300 839.4300 533 885.9900 840.9900

482 884.4600 839.4600 534 886.0200 841.0200

483 884.4900 839.4900 535 886.0500 841.0500

484 884.5200 839.5200 536 886.0800 841.0800

485 884.5500 839.5500 537 886.1100 841.1100

486 884.5800 839.5800 538 886.1400 841.1400

487 884.6100 839.6100 539 886.1700 841.1700

488 884.6400 839.6400 540 886.2000 841.2000

489 884.6700 839.6700 541 886.2300 841.2300

490 884.7000 839.7000 542 886.2600 841.2600

491 884.7300 839.7300 543 886.2900 841.2900

492 884.7600 839.7600 544 886.3200 841.3200

493 884.7900 839.7900 545 886.3500 841.3500

494 884.8200 839.8200 546 886.3800 841.3800

495 884.8500 839.8500 547 886.4100 841.4100

496 884.8800 839.8800 548 886.4400 841.4400

497 884.9100 839.9100 549 886.4700 841.4700

498 884.9400 839.9400 550 886.5000 841.5000

499 884.9700 839.9700 551 886.5300 841.5300

500 885.0000 840.0000 552 886.5600 841.5600

501 885.0300 840.0300 553 886.5900 841.5900

502 885.0600 840.0600 554 886.6200 841.6200

503 885.0900 840.0900 555 886.6500 841.6500

504 885.1200 840.1200 556 886.6800 841.6800

505 885.1500 840.1500 557 886.7100 841.7100

506 885.1800 840.1800 558 886.7400 841.7400

507 885.2100 840.2100 559 886.7700 841.7700

508 885.2400 840.2400 560 886.8000 841.8000

509 885.2700 840.2700 561 886.8300 841.8300

510 885.3000 840.3000 562 886.8600 841.8600

5ll 885.3300 840.3300 563 886.8900 841.8900

512 885.3600 840.3600 564 886.9200 841.9200

513 885.3900 840.3900 565 886.9500 841.9500

514 885.4200 840.4200 566 886.9800 841.9800

515 885.4500 840.4500 567 887.0100 842.0100

516 885.4800 840.4800 568 887.0400 842.0400

517 885.5100 840.5100 569 887.0700 842.0700

518 885.5400 840.5400 570 887.1000 842.1000

5l9 885.5700 840.5700 571 887.1300 842.1300

520 885.6000 840.6000 572 887.1600 842.1600

521 885.6300 840.6300 573 887.1900 842.1900

522 885.6600 840.6600 574 887.2200 842.2200

523 885.6900 840.6900 575 887.2500 842.2500

524 885.7200 840.7200 576 887.2800 842.2800

525 885.7500 840.7500 577 887.3100 842.3100

~ 579 887.3700 842.3700 623 888.6900 843.6900

580 887.4000 842.4000 624 888.7200 843.7200

581 887.4300 842.4300 625 888.7500 843.7500

582 887.4600 842.4600 626 888.7800 843.7800

583 887.4900 842.4900 627 888.8100 843.8100

584 887.5200 842.5200 628 888.8400 843.8400

585 887.5500 842.5500 629 888.8700 843.8700

586 887.5800 842.5800 630 888.9000 843.9000

587 887.6100 842.6100 631 888.9300 843.9300

588 887.6400 842.6400 632 888.9600 843.9600

589 887.6700 842.6700 633 888.9900 843.9900

590 887.7000 842.7000 634 889.0200 844.0200

591 887.7300 842.7300 635 889.0500 844.0500

592 887.7600 842.7600 636 889.0800 844.0800

593 887.7900 842.7900 637 889.1100 844.1100

594 887.8200 842.8200 638 889.1400 844.1400

595 887.8500 842.8500 639 889.1700 844.1700

596 887.8800 842.8800 640 889.2000 844.2000

597 887.9100 842.9100 641 889.2300 844.2300

598 887.9400 842.9400 642 889.2600 844.2600

599 887.9700 842.9700 643 889.2900 844.2900

600 888.0000 843.0000 644 889.3200 844.3200

601 888.0300 843.0300 645 889.3500 844.3500

602 888.0600 843.0600 646 889.3800 844.3800

603 888.0900 843.0900 647 889.4100 844.4100

604 888.1200 843.1200 648 889.4400 844.4400

605 888.1500 843.1500 649 889.4700 884.4700

606 888.1800 843.1800 650 889.5000 844.5000

607 888.2100 843.2100 651 889.5300 844.5300

608 888.2400 843.2400 652 889.5600 844.5600

609 888.2700 843.2700 653 889.5900 844.5900

610 888.3000 843.3000 654 889.6200 844.6200

611 888.3300 843.3300 655 889.6500 844.6500

612 888.3600 843.3600 656 889.6800 844.6800

613 888.3900 843.3900 657 889.7100 844.7100

614 888.4200 843.4200 658 889.7400 844.7400

615 888.4500 843.4500 659 889.7700 844.7700

616 888.4800 843.4800 660 889.8000 844.8000

617 888.5100 843.5100 661 889.8300 844.8300

618 888.5400 843.5400 662 889.8600 844.8600

619 888.5700 843.5700 663 889.8900 844.8900

620 888.6000 843.6000 664 889.9200 844.9200

621 888.6300 843.6300 665 889.9500 844.9500

622 888.6600 843.6600 666 889.9800 844.9800

Note: The majority of the channels are used for voice communications,
the exceptions are Channels 313 through 333 which are used for
signalling and Channels 334 through 354 for control purposes.

TELEPHONES - CORDLESS - OLD CORDLESS TELEPHONES (PRIOR TO 1984)

1.7MHZ CORDLESS TELEPHONE BASE TRANSPONDER/HANDSET 49 MHZ

BASE FREQS: 1635, 1645, 1666 AND 1695

ALSO: 1725, 1735, 1755 AND 1776

49 MHZ ELECTRA FREEDOM PHONE & AT&T NOMAD 1000 PHONES:

CH #1 49.83 TX HANDSET/CH #1 49.875 TX BASE UNIT

CH #2 49.845 TX HANDSET/49.890 TX BASE UNIT

TELEPHONES - CORDLESS - PUBLIC SWITCHED TELEPHONE NETWORK (PSTN)

46.61 - 46.97 CORDLESS TELEPHONE BASE UNIT DUPLEX FREQUENCIES

49.67 - 49.99 CORDLESS TELEPHONE HANDSET FREQUENCIES

49.83 - 49.89 49 MHZ WALKIE-TALKIES (UNLICENSED)

46.6100 - 46.9700 BASES OPERATE ON TEN CHANELS WITHIN THIS BAND

49.6700 - 49.9900 HANDSETS OPERATE ON TEN CHANNELS WITHIN THIS BAND

CHANNEL BASE HANDSET

~~~
~~~

ING TO THE 1.7 MHZ SIDE WILL YIELD BOTH SIDES OF THE CONVERSATION.

THE BEST FREQUENCIES TO MONITOR ARE THE 46 MHZ AS THEY WILL REPEAT BOTH SIDES OF THE CONVERSATION. POWER OUTPUT OF BOTH BASE AND HAND UNITS ARE LESS THAN 100 MW OR 1/10 WATT SO THE RANGE IS LIMITED. CAREFUL MONITORING WILL PRODUCE SOME OUTSTANDING RESULTS. IT IS NOT UNCOMMON TO HEAR CONVERSATIONS UP TO A MILE AWAY.

CORDLESS TELEPHONE BASE CHANNELS

46.61 CORDLESS PHONE CH. 1 BASE CHANNEL (PAIRED W/HANDSET 49.67)
46.63 CORDLESS PHONE CH. 2 BASE CHANNEL (PAIRED W/HANDSET 49.845)
46.67 CORDLESS PHONE CH. 3 BASE CHANNEL (PAIRED W/HANDSET 49.86)
46.71 CORDLESS PHONE CH. 4 BASE CHANNEL (PAIRED W/HANDSET 49.77)
46.73 CORDLESS PHONE CH. 5 BASE CHANNEL (PAIRED W/HANDSET 49.875)
46.77 CORDLESS PHONE CH. 6 BASE CHANNEL (PAIRED W/HANDSET 49.83)
46.83 CORDLESS PHONE CH. 7 BASE CHANNEL (PAIRED W/HANDSET 49.89)
46.87 CORDLESS PHONE CH. 8 BASE CHANNEL (PAIRED W/HANDSET 49.93)
46.93 CORDLESS PHONE CH. 9 BASE CHANNEL (PAIRED W/HANDSET 49.99)
46.97 CORDLESS PHONE CH. 10 BASE CHANNEL (PAIRED W/HANDSET 49.97)

CORDLESS TELEPHONE HANDSET CHANNELS

49.670 CORDLESS PHONE CH. 1 HANDSET CHANNEL (PAIRED W/BASE 46.61)
49.845 CORDLESS PHONE CH. 2 HANDSET CHANNEL (PAIRED W/BASE 46.63)

49.860 CORDLESS PHONE CH. 3 HANDSET CHANNEL (PAIRED W/BASE 46.67)
49.770 CORDLESS PHONE CH. 4 HANDSET CHANNEL (PAIRED W/BASE 46.71)
49.875 CORDLESS PHONE CH. 5 HANDSET CHANNEL (PAIRED W/BASE 46.73)

49.830 CORDLESS PHONE CH. 6 HANDSET CHANNEL (PAIRED W/BASE 46.77)

49.890 CORDLESS PHONE CH. 7 HANDSET CHANNEL (PAIRED W/BASE 46.83)

49.930 CORDLESS PHONE CH. 8 HANDSET CHANNEL (PAIRED W/BASE 46.87)

49.990 CORDLESS PHONE CH. 9 HANDSET CHANNEL (PAIRED W/BASE 46.93)

49.970 CORDLESS PHONE CH. 10 HANDSET CHANNEL (PAIRED W/BASE 46.97)

TELEPHONES - CORDLESS - PROPOSED NEW CHANNELS

AN ADDITIONAL FIFTEEN CHANNELS HAVE BEEN PROPOSED USING THIRTY FREQUENCIES
IN WHAT IS NOW THE PRIVATE LAND MOBILE RADIO SERVICE.

43.7200 - 44.64 PROPOSED CORDLESS BASE TELEPHONE FREQUENCIES

48.7600 - 49.50 PROPOSED CORDLESS BASE TELEPHONE FREQUENCIES

PROPOSED NEW/ADDITIONAL FIFTEEN CHANNEL CORDLESS TELEPHONE FREQUENCIES

CHAN	BASE	HANDSET
1	43.72	48.76
2	43.74	48.84
3	43.82	48.86
4	43.84	48.92
5	43.92	49.02
6	43.96	49.08
7	44.12	49.10

8 44.16 49.16

9 44.18 49.20

10 44.20 49.24

11 44.32 49.28

12 44.36 49.36

13 44.40 49.40

14 44.46 49.46

15 44.48 49.50

PAGING - ONE WAY RADIO PAGING - TONES AND/OR VOICE - MHZ

MEDICAL & EMERGENCY SERVICES:

35.64 35.68 43.68 152.0075 157.45 163.25

BUSINESSES:

152.48 154.625 157.74 158.46 462.75 462.775 462.80 462.825

462.85 462.875 462.90 462.925 465.00

929.00 - 930.00

SERVICES TO PUBLIC SUBSCRIBERS:

35.22 35.26 35.30 35.34 35.38 35.42 35.46 35.50 35.54 35 58

35.62 35.66 43.22 43.26 43.30 43.34 43.38 43.42 43.46 43 50

43.54 43.58 43.64 72.02 72.04 72.06 72.08 72.10 72.12 72.14

72.18 72.20 72.22 72.24 72.26 72.28 72.30 72.32 72.34 72.36

72.38 72.40 72.42 72.44 72.46 72.48 72.50 72.52 72.54 72.56

72.58 72.60 72.62 72.64 72.66 72.68 72.70 72.72 72.74 72.76

72.78 72.80 72.82 72.84 72.86 72.88 72.90 72.92 72.94 72.96

72.98 75.42 75.44 75.46 75.48 75.50 75.52 75.54 75.56 75.58

75.60 75.62 75.64 75.66 75.6~0 75.70 75.72 75.74 75.76 75.78

75.80 75.84 75.86 75.88 75.90 75.92 75.94 75.96 75.98 152.24 152.84 158.10

931.00 - 932.00

AMATEUR RADIO - AUTOPATCH

OUTPUT FREQS. INPUT FREQS.

145.10 - 145.50 144.60 - 144.90

146.61 - 147.39 146.01 - 146.37

223.85 - 224.98 222.25 - 222.38

442.00 - 445.00 447.00 - 450.00

447.00 - 450.00 442.00 - 445.00

RAILROAD - PBX TELEPHONES - SELECTED MAJOR RAILROADS

AT&SF: 160.245 160.26 160.375 160.425

BURLINGTON NORTHERN: 160.425 160.62 161.130

CONRAIL: 161.130 161.445

CP RAIL: 160.175 160.265 160.845 161.175 161.265

161.505

L&N: 160.98 161.34

MISSOURI PACIFIC: 160.605 160.755 160.815

N&W: 160.515 161.275

RICHMOND, FREDERICKS-

BURG & POTOMAC: 161.220

SEABOARD: 160.215 161.265

SOUTHERN PACIFIC: 160.35 160.68 160.800 160.95 160.89

161.22 161.34

UNION PACIFIC: 160.29 161.28

MARINE - VHF-FM MARINE OPERATOR CHANNELS

CHANNEL SHORE FREQ. SHIP FREQ.

24 161.80 157.20

25 161.85 157.25

26 161.90 157.30

27 161.95 157.35

28 162.00 157.40

84 161.825 157.225

85 161.875 157.275

86 161.925 157.325

87 161.975 157.375

88* 162.025 157.425

* LIMITED AREAS ONLY: PUGET SOUND, GREAT LAKES (EX-LAKE

MICHIGAN), ~ ST. LAWRENCE SEAWAY.

TELCO - AIR/GROUND OPERATIONS -

460.650 - 460.875 AIRLINE GROUND FREQUENCIES -BASE/MOBILE (20W)

465.650 - 465.875 AIRLINE GROUND FREQUENCIES -MOBILE ONLY (3W)

454.675 - 454.975 AIRCRAFT MOBILE TELEPHONE CHANNELS

849.000 - 851.000 AIR/GROUND PHONES GROUND STATIONS (6 KHZ)

LOWEST GROUND CHANNEL ON 849.016

894.000 - 896.000 AIR/GROUND PHONES AIRCRAFT CHANNELS (6 KHZ)

LOWEST PAIRED AIRCRAFT CHANNEL ON 894.016

945.204 - 946.394 AIRFONE, INC. AIR TO GROUND TELEPHONE AM SSB

SKYPHONE (SKYTEL) - AIR/GROUND OPERATIONS - NATIONWIDE CHANNELS

FREQUENCY SERVICE USER NAME/CALL SIGN REMARKS

454.6750 SKYTEL SKYPHONE SIGNALLING GROUND-AIR ONLY

454.7000 SKYTEL SKYPHONE GROUND-AIR CH 6, DUPLEX, AIRCRAFT XMIT ON 459.7000

454.7250 SKYTEL SKYPHONE GROUND-AIR CH 7, DUPLEX, AIRCRAFT XMIT ON 459.7250

454.7500 SKYTEL SKYPHONE GROUND-AIR CH 5, DUPLEX, AIRCRAFT XMIT ON 459.7500

454.7750 SKYTEL SKYPHONE GROUND-AIR CH 8, DUPLEX, AIRCRAFT XMIT ON 459.7750

454.8000 SKYTEL SKYPHONE GROUND-AIR CH 4, DUPLEX, AIRCRAFT XMIT ON 459.8000

454.8250 SKYTEL SKYPHONE GROUND-AIR CH 9, DUPLEX, AIRCRAFT XMIT ON 459.8250

454.8500 SKYTEL SKYPHONE GROUND-AIR CH 3, DUPLEX, AIRCRAFT XMIT ON 459.8500

454.8750 SKYTEL SKYPHONE GROUND-AIR CH 10, DUPLEX, AIRCRAFT XMIT ON 459.8750

454.9000 SKYTEL SKYPHONE GROUND-AIR CH 2, DUPLEX, AIRCRAFT XMIT ON 459.9000

454.9250 SKYTEL SKYPHONE GROUND-AIR CH 11, DUPLEX, AIRCRAFT XMIT ON 459.9250

454.9500 SKYTEL SKYPHONE GROUND-AIR CH 1, DUPLEX, AIRCRAFT XMIT ON 459.9500

454.9750 SKYTEL SKYPHONE GROUND-AIR CH 12, DUPLEX, AIRCRAFT XMIT ON 459.9750

459.7000 SKYTEL SKYPHONE AIR-GROUND CH 6, DUPLEX, GROUND XMIT ON 454.7000

459.7250 SKYTEL SKYPHONE AIR-GROUND CH 7, DUPLEX, GROUND XMIT ON 454.7250

459.7500 SKYTEL SKYPHONE AIR-GROUND CH 5, DUPLEX, GROUND XMIT ON 454.7500

459.7750 SKYTEL SKYPHONE AIR-GROUND CH 8, DUPLEX, GROUND XMIT ON 454.7750

459.8000 SKYTEL SKYPHONE AIR-GROUND CH 4, DUPLEX, GROUND XMIT ON 454.8000

459.8250 SKYTEL SKYPHONE AIR-GROUND CH 9, DUPLEX, GROUND XMIT ON 454.8250

459.8500 SKYTEL SKYPHONE AIR-GROUND CH 3, DUPLEX, GROUND XMIT ON 454.8500

459.8750 SKYTEL SKYPHONE AIR-GROUND CH 10, DUPLEX, GROUND XMIT ON 454.8750

459.9000 SKYTEL SKYPHONE AIR-GROUND CH 2, DUPLEX, GROUND XMIT ON 454.9000

459.9250 SKYTEL SKYPHONE AIR-GROUND CH 11, DUPLEX, GROUND XMIT ON 454.9250

459.9500 SKYTEL SKYPHONE AIR-GROUND CH 1, DUPLEX, GROUND XMIT ON 454.9500

459.9750 SKYTEL SKYPHONE AIR-GROUND CH 12, DUPLEX, GROUND XMIT ON 454.9750

TELEPHONE - TELEPHONE COMPANY LINEMEN ~& MAINTENANCE OPERATIONS

35.160 43.160 151.985 158.340 451.175 451.225 451.275

451.300 451.325 451.350 451.375 451.400 451.425 451.450

451.500 451.525 451.575 451.625 451.675 462.475 462.525

TELEPHONE - TELEPHONE COMPANY LINEMEN ~& MAINTENANCE OPERATIONS
OFFSET CHANNELS AVAILABLE ON A RESTRICTED BASIS:

451.1625 451.1875 451.2125 451.2375 451.2625 451.2875 451.3125
451.3375 451.3625 451.3875 451.4125 451.4375 451.4625 451.4875
451.5125 451.5375 451.5625 451.5875 451.6125 451.6375 451.6625
451.6875 462.4625 462.4875 462.5125

456.1625 456.1875 456.2125 456.2375 456.2625 456.2875 456.3125
456.3375 456.3625 456.3875 456.4125 456.4375 456.4625 456.4875
456.5125 456.5375 456.5625 456.5875 456.6125 456.6375 456.6625
456.6875 467.4625 467.4875 467.5125

TELEPHONE - TELEPHONE COMPANY LINEMEN ~& MAINTENANCE OPERATIONS
UHF-T BAND CHANNELS AVAILABLE ON A RESTRICTED BASIS IN
CERTAIN METROPOLITAN AREAS (25 KHZ CHANNEL SPACING):

471.3125 - 471.4125 & 474.3125 - 474.4125
472.9625 - 472.9875 & 475.9625 - 475.9875
478.9625 - 478.9875 & 481.9625 - 481.9875
507.3125 - 507.4125 & 510.3125 - 510.4125

TELEPHONE - TELEPHONE COMPANY LINEMEN ~& MAINTENANCE OPERATIONS
OFFSET AND
UHF-T BAND CHANNELS, ALTHOUGH AVAILABLE, ARE IN LITTLE USE AT
THIS TIME, AND THEN ONLY FOR LOW POWER HANDHELD UNITS. MOST
TELEPHONE MAINTENANCE COMMUNICATIONS TAKE PLACE ON THE PRIMARY
CHANNELS (35.16, 43.16... LISTINGS).

AMATEUR R~ADIO - PHONE PATCH TELEPHONE CALLS

1840 - 2000 KHZ BAND (LSB MODE)

3750 - 4000 KHZ BAND (LSB MODE)

7150 - 7300 KHZ BAND (USB MODE)

14230 - 14350 KHZ BAND (USB MODE)

21200 - 21450 KHZ BAND (USB MODE)

24930 - 24990 KHZ BAND (USB MODE)

28300 - 29700 KHZ BAND (USB MODE)

50.10 - 51.00 MHZ BAND (USB MODE)

BANDS USED FOR HIGH SEAS TELEPHONE (WORLDWIDE) - USB MODE:

SHORE STATIONS SHIP STATIONS USED MOSTLY

4351 - 4438 KHZ 4065 - 4126 KHZ NIGHTS

6501 - 6525 KHZ 6200 - 6224 KHZ NIGHTS

8707 - 8815 KHZ 8195 - 8294 KHZ NIGHTS

1307I - 13200 KHZ 12230 - 12353 KHZ ALL HOURS

17242 - 17410 KHZ 16360 - 16528 KHZ DAYS

22696 - 22855 KHZ 22000 - 22159 KHZ DAYS

26145 - 26175 KHZ 25070 - 25100 KHZ DAYS

HIGH SEAS TELEPHONE STATIONS IN NORTH AMERICA - ALL KHZ

MOBILE, ALA. (WLO)

SHORE SHIPS

4366 4074

4396 4104

4411 4119

8788 8264

8803 8279

8806 8282

13110 12263

13149 12302

13152 12305

17260 16378

17335 16453

17362 16480

22774 22078

22786 22090

22804 22108

POINT REYES, CALIF. (KMI)

4357 4065

4402 4110

4405 4113

8728 8204

8743 8219

8782 8258

13077 12230

13080 12233

13083 12236

13161 12314

17245 16363

17248 16366

17311 16429

22735 22039

22762 22066

22777 22081

22801 22105

FORT LAUDERDALE, FLA. (WOM)

4363 4071

4390 4098

4405 4113

4423 4131

8722 8198

8731 8207

8746 8222

8758 8234

8791 8267

8809 8285

13092 12245

13098 12251

13101 12254

13110 12263

13143 12296

13164 12317

17242 16360

17266 16384

17269 16387

17272 16390

17287 16405

22738 22042

22741 22045

22759 22063

MANAHAWKIN, N.J. (WOO)

4384 4092

4387 4095

4402 4110

4420 4128

8740 8216

8749 8225

8761 8237

8794 8270

13083 12236

13104 12257

13107 12260

13158 12311

17254 16372

17299 16417

17317 16435

17341 16459

22696 22000

22708 22012

22723 22027

22801 22105

ST. THOMAS, V.L. (WAH)

6510 6209

6513 6212

17245 16363

17248 16366

22762 22066

VANCOUVER, B.C., CANADA (VAI)

4384 4092

4408 4116

6510 6209

6513 6212

8737 8213

8758 8234

13095 12248

17263 16381

22753 22057

FROBISHER BAY, N.T., CANADA (VFF)

4375 4083

6507 6206

8752 8228

13077 12230

17341 16459

22705 22009

HALIFAX, N.S., CANADA (CFH)

4363 4071

4408 4116

6504 6203

6513 6212

8746 8222

13113 12266

13161 12314

17251 16369

17260 16378

22699 22003

TELEPHONE - MILITARY (MARS) - POPULAR USAF MARS PATCH FREQUENCIES:

7633.5 14389.0 14877.0 20807.0

10267.0 14390.5 15632.0 20991.0

10270.0 1~402.0 16452.0 23862.0

11407.0 14530.0 17670.0 27736.0

13614.0 14606.0 19226.0 27829.0

13927.0 14829.0 20188.5 27978.0

14832.0 27991.0

TELEPHONE - MILITARY (MARS) - POPULAR USN ~MARS PATCH FREQUENCIES:

13530.0 13975.5 14468.5 14478.5
13827.5 14443.0 14471.5 14760

TELEPHONE - MILITARY (MARS) - POPULAR US ARMY MARS PATCH FREQUENCIES:

13997.5 14403.5 14485.5

TELEPHONE - MILITARY (MARS) - POPULAR CANADIAN FORCES AMATEUR RADIO (CFAR) PATCH FREQUENCIES:

6905.0 13971.0 14384.5 14838.5 20957.0 20972.0

TELEPHONE - IMPROVED MOBILE TELEPHONE SERVICE - UNITED STATES

CHAN BASE ~ MOBILE

JJ* 152.48 157.74
JK 152.78 158.04
JL 152.51 157.77
JP 152.57 157.83
JR 152.81 158.07
JS 152.69 157.95
YJ 152.63 157.89
YK 152.66 157.92

YL 152.54 157.80

YP 152.60 157.86

YR 152.75 158.01

YS 152.72 157.98

QA 454.45 459.45

QB 454.55 459.55

QC 454.375 459.375

QD 454.425 459.425

QE 454.475 459.475

QF 454.65 459.65

QJ 454.40 459.40

QK 454.525 459.525

QO 454.575 459.575

QP 454.50 459.50

QR 454.60 459.60

QY 454.625 459.625

TELEPHONE - IMPROVED MOBILE TELEPHONE SERVICE - CANADA

CHAN BASE ~ MOBILE

JW* 152.84 158.10

XJ* 152.495 157.755

XK* 152.525 157.785

XL* 152.555 157.815

XP* 152.585 157.845

XR* 152.615 157.875

XS* 152.645 157.905

XT* 152.675 157.935

XU* 152.705 157.965

XV* 152.735 157.995

XW* 152.765 158.025

XX* 152.795 158.055

XY* 152.825 158.085

TELEPHONE - IMPROVED MOBILE TELEPHONE SERVICE

CONNETICUT

BASE MOBILE

BRIDGEPORT 152.81 158.07

HARTFORD 152.51 157.77

NEW HAVEN 152.63 157.89

STAMFORD 152.60 157.86

WATERBURY 152.78 158.04

MAINE

BASE MOBILE

AUGUSTA 152.81 158.07

BANGOR 152.63 157.89

AERO 454.950 459.950

AERO 454.725 459.725

HOULTON 152.63 157.89

LEWISTON 152.57 157.83

NORRIDGEWOCK 152.66 157.92

N. ANSON 152.60 157.86

PORTLAND 152.63 157.89

PRESQUE ISLE 152.57 157.83

ROCKLAND 152.57 157.83

STRATTON 152.63 157.89

STRONG 152.69 157.95

UNITY 152.54 157.80

152.72 157.98

MASSACHUSETTS

BASE MOBILE

BOSTON 152.78 158.04

152.51 157.77

152.66 157.92

152.54 157.80

152.60 157.86

454.55 459.55

454.425 459.425

454.475 459.475

454.525 459.525

454.50 459.50

454.60 459.60

AERO 454.850 459.850

BROCKTON 152.72 157.98

454.65 459.65

HYANNIS 152.69 157.95

LAWRENCE 152.57 157.83

454.625 459.625

NEW BEDFORD 152.57 157.83

PITTSFIELD 152.72 157.98

SPRINGFIELD 152.57 157.83

152.66 157.92

152.60 157.86

WORCESTER 152.81 158.07

152.69 157.95

454.575 459.575

NEW HAMPSHIRE

BASE MOBILE

CONTOOCOOK 152.72 157.98

DOVER 152.69 157.95

HILLSBORO 152.75 158.01

MANCHESTER 152.63 157.89

NEW LONDON 152.57 157.83

RHODE ISLAND

BASE MOBILE

PROVIDENCE 152.63 157.89

152.75 158.01

VERMONT

BASE MOBILE

BURLINGTON 152.57 157.83

LUDLOW 152.78 158.04

WAITSFIELD 454.575 459.575

AERONAUTICAL - TELEPHONE CHANNELS

A1 454.950 459.950

A2 454.900 459.900

A3 454.850 459.850

A4 454.800 459.800

A5 454.750 459.750

A6 454.700 459.700

A7 454.725 459.725

A8 454.775 459-775

A9 454.825 459.825

A10 454.875 459.875

ALL 454.925 459.925

A12 454.975 459.975

(ALL GROUND STATIONS SEND SIGNAL TONES ON 454.675 MHZ)

AERONAUTICAL - TELEPHONE CHANNELS - BOSTON, MASSACHUSETTS

454.675 AIRCRAFT PHONE BOSTON, MA KCC793 -----

454.850 AIRCRAFT PHONE KCC793 -----

AERONAUTICAL - AIRFONE MOBILE TELEPHONE CHANNELS - BOSTON, MASSACHUSETTS

945.8040 AIR MOBILE TEL. - -----

945.8100 AIR MOBILE TEL. - -----

945.8160 AIR MOBILE TEL. - -----

945.8220 AIR MOBILE TEL. - -----

945.8280 AIR MOBILE TEL. - -----

945.8340 AIR MOBILE TEL. - -----

945.8400 AIR MOBILE TEL. - -----

945.8460 AIR MOBILE TEL. - -----

945.8520 AIR MOBILE TEL. - -----

945.8580 AIR MOBILE TEL. - -----

945.8640 AIR MOBILE TEL. - -----

945.8700 AIR MOBILE TEL. - -----

945.8760 AIR MOBILE TEL. - -----

945.8820 AIR MOBILE TEL. - -----

945.8880 AIR MOBILE TEL. - -----

945.8940 AIR MOBILE TEL. - -----

945.9000 AIR MOBILE TEL. - -----

945.9060 AIR MOBILE TEL. - -----

945.9120 AIR MOBILE TEL. - -----

945.9180 AIR MOBILE TEL. - -----

945.9240 AIR MOBILE TEL. - -----

945.9300 AIR MOBILE TEL. - -----

945.9360 AIR MOBILE TEL. - -----

945.9420 AIR MOBILE TEL. - -----

945.9480 AIR MOBILE TEL. - -----

945.9540 AIR MOBILE TEL. - -----

945.9600 AIR MOBILE TEL. - -----

945.9660 AIR MOBILE TEL. - -----

945.9720 AIR MOBILE TEL. - -----

945.9780 AIR MOBILE TEL. - -----

945.9840 AIR MOBILE TEL. - -----

945.9940 AIR MOBILE TEL. - -----

LICENSED AS AN INFLIGHT TELEPHONE SERVICE ON AN EXPERIMENTAL BASIS.

TELEPHONE - PERSONAL COMMUNICATIONS SERVICES

"A" AT 1850-1856/1930-1945 MHZ

"B" AT 1865-1880/1945-1960 MHZ

"C" AT 1880-1890/1960-1970 MHZ - ONE 20 MHZ BLOCK

"D" AT 2130-2135/2180-2185 MHZ - ONE 10 MHZ BLOCK

"E" AT 2136-2140/2185-2190 MHZ - ONE 10 MHZ BLOCK

"F" AT 2140-2145/2190-2195 MHZ - ONE 10 MHZ BLOCK

"G" AT 2145-2150/2195-2200 MHZ - ONE 10 MHZ BLOCK

160 MHZ WITHIN 2 GHZ SPECTRUM HAS BEEN ALLOCATED AND CHANNELIZED INTO

TWO 30 MHZ BLOCKS WHICH WILL BE AVAILABLE IN TWO DIFFERING TYPE OF GEOGRAPHIC UNITS: CHANNELS A-C WILL BE MTAS (MAJOR TRADING AREAS), AND D-G WILL BE BTAS (BASIC TRADING AREAS); THERE WILL BE A TOTAL OF 51 MTAS AND 492 BTAS AVAILABLE.

TELEPHONE - SATELLITE - HIGH SEAS SHIP/SHORE CALLS:

DOWNLINK BAND UPLINK BAND

1.537 - 1.543 GHZ 1.638 - 1.645 GHZ

4.194 - 4.201 GHZ 6.420 - 6.425 GHZ

TELEPHONE - SATELLITE - POINT-TO-POINT OVERSEAS/DOMESTIC LONG DISTANCE CALLS

DOWNLINK BAND UPLINK BAND

3.700 - 4.200 GHZ 5.925 - 6.405 GHZ

11.700 - 12.200 GHZ 14.000 - 14.500 GHZ

WIRELESS ROOM/BABY MONITORS - OLD PHONE HANDSETS - LOW POWER FREQUENCIES

CHAN FREQ

---- ------

A 49.830

B 49.845

C 49.860

D 49.875

E 49.890