

Sennetech

SCT-1060

**CAMERA CONTROL CODE TRANSLATOR
BOSCH BIPHASE to PANASONIC RS-485 Ver. 1.2**

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PRODUCT DESCRIPTION

The SCT-1060 is a Bosch biphas to Panasonic code translator designed to permit control of Panasonic receivers from Bosch controllers. It receives Bosch biphas code and transmits the appropriate commands in Panasonic RS-485 format. There are four independent Panasonic outputs.

The code translator is contained in a standard 19" electronic housing (one rack unit high). Input and output connections are made with removable screw terminals. Front panel LEDs indicate status of power, receive, and transmit.

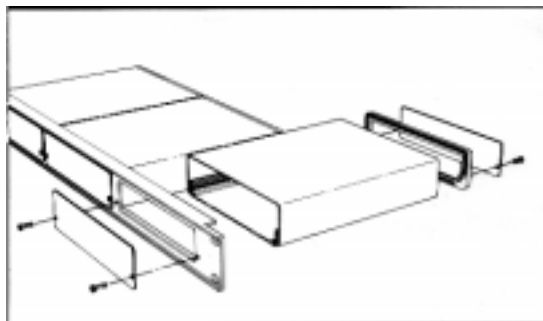
The code translator can be programmed via internal switches to offset the biphas addresses to 1 of 32 groups. This allows the use of higher biphas addresses.

The Panasonic output baud rate can be set from 2400 baud to 19.2k baud.

SPECIFICATIONS

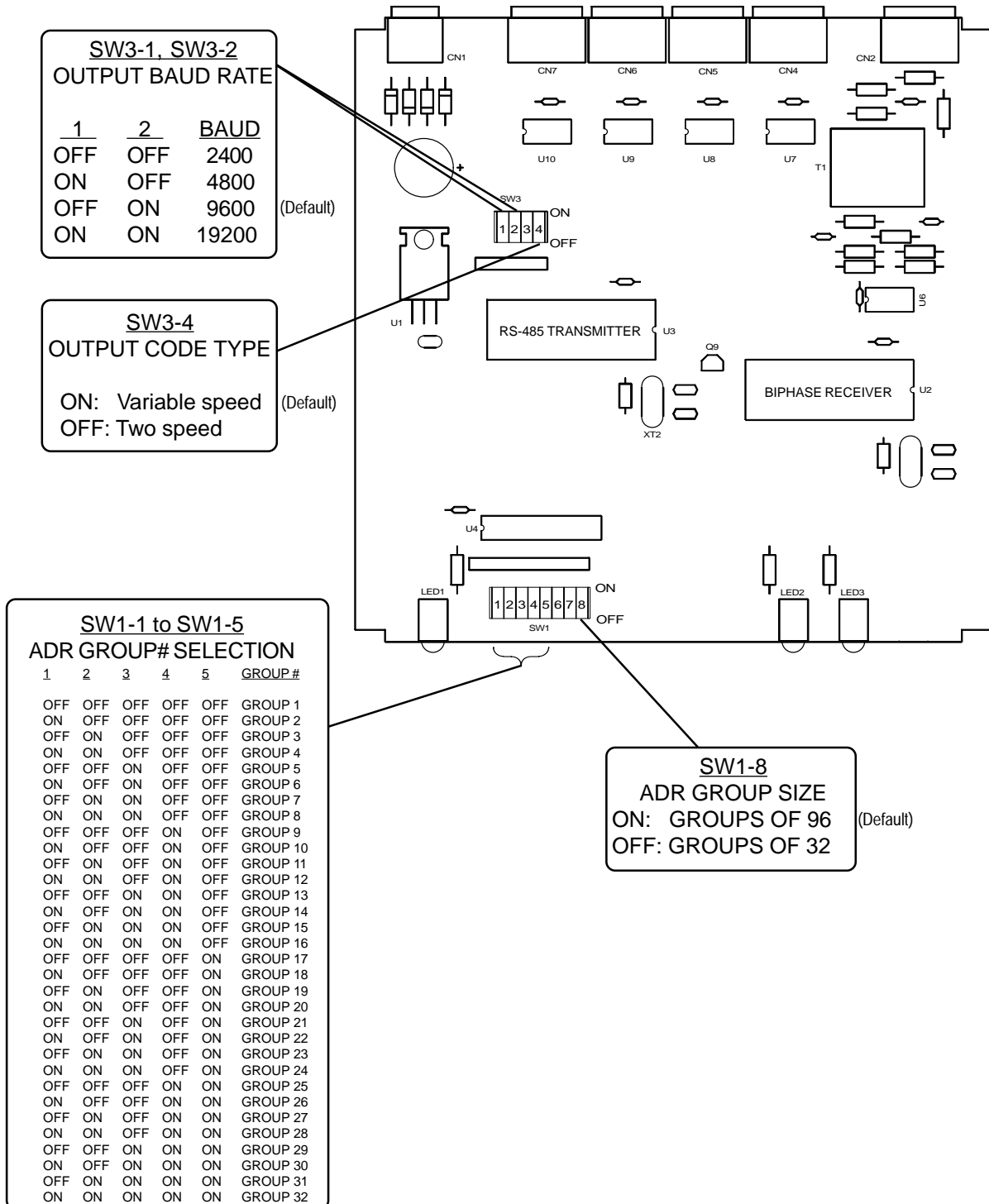
| | |
|--------------------|--|
| SIZE: | 19"W x 1.75H x 5.45D |
| WEIGHT: | 1.5 lbs. |
| POWER: | 9Volt to 18Volt AC or DC at .75 Watts |
| INDICATORS: | Front panel LEDs: Power, Rx, & Tx |
| BIPHASE INPUT: | (1) 3-pin mating screw terminal connector |
| PANASONIC OUTPUTS: | (4) 3-pin mating screw terminal connectors |

To install the case on the rack mount frame, remove the front panel and the plastic bezel. The rack mount frame takes the place of the bezel as shown below.



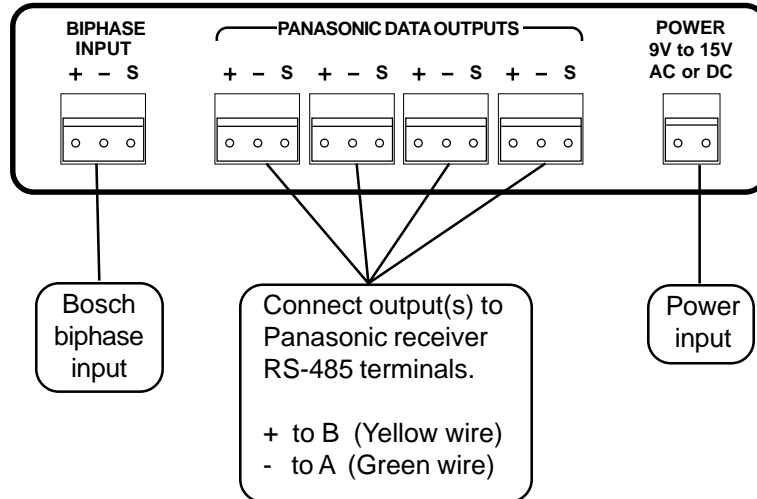
SETTING THE SWITCHES

To set the configuration switches, remove the back panel, which is secured by two screws. Then slide the cover back to expose the switches. The switches can be changed while the code translator is powered up and the new settings will take effect immediately.

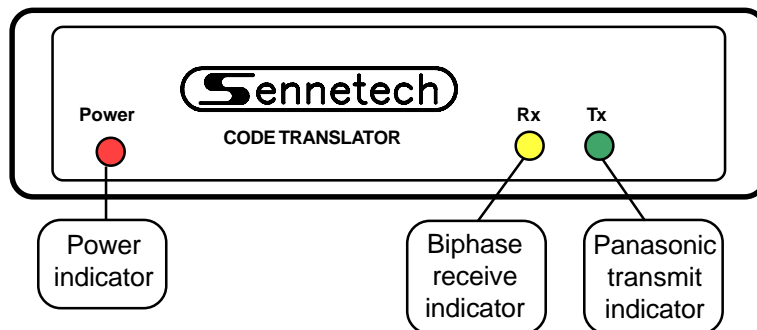


INSTALLATION

REAR PANEL



FRONT PANEL



The Rx indicator will flash while biphase code is being received. Since biphase code is repeating, it will flash continuously while a camera is being moved. Panasonic code is repeated at a slower rate.

If there is no Rx indication, check that the input is indeed Bosch biphase code and that the input wires are not reversed.

If there is Rx but no Tx, possible causes are:

- The incoming biphase code is not camera control code.
- The command is sent to a camera address that is not in the configured address group.

If the indicators show normal operation but the camera does not respond, possible causes are:

- The wires are not connected properly.
- The camera is not set to the proper address.
- The output baud rate does not match the camera's settings.

OPERATION

Bosch Pan, Tilt, Zoom, Focus, and Iris commands are converted to the equivalent Panasonic commands. Additional commands will be converted according to the following table.

| <u>Biphase Command</u> | <u>Panasonic Command</u> |
|-----------------------------------|---|
| [Shot] [1 ~ 63] [Set] [1 ~ 63] | Store Preset 0 ~ 63 Recall Preset 0 ~ 63 |
| [Set] [101] [Set] [102] | Set Left Auto Pan Limit Set Right Auto Pan Limit |
| [On] [2] [Off] [2] | Auto Pan Stop Auto Pan |
| [On] [3] [Off] [3] | ALC On Manual Iris |
| [On] [4] | Auto Focus On |
| [On] [16] [Off] [16] | Increase Auto Pan Speed Decrease Auto Pan Speed |
| [On] [43] [Off] [43] | AGC On AGC Off |

ADDRESS GROUPS of 32

| Group 1 | | Group 2 | | Group 3 | | Group 4 | | Group 5 | | Group 6 | | Group 7 | | Group 8 | |
|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|
| In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out |
| 1 | 1 | 33 | 1 | 65 | 1 | 97 | 1 | 129 | 1 | 161 | 1 | 193 | 1 | 225 | 1 |
| 2 | 2 | 34 | 2 | 66 | 2 | 98 | 2 | 130 | 2 | 162 | 2 | 194 | 2 | 226 | 2 |
| 3 | 3 | 35 | 3 | 67 | 3 | 99 | 3 | 131 | 3 | 163 | 3 | 195 | 3 | 227 | 3 |
| 4 | 4 | 36 | 4 | 68 | 4 | 100 | 4 | 132 | 4 | 164 | 4 | 196 | 4 | 228 | 4 |
| 5 | 5 | 37 | 5 | 69 | 5 | 101 | 5 | 133 | 5 | 165 | 5 | 197 | 5 | 229 | 5 |
| 6 | 6 | 38 | 6 | 70 | 6 | 102 | 6 | 134 | 6 | 166 | 6 | 198 | 6 | 230 | 6 |
| 7 | 7 | 39 | 7 | 71 | 7 | 103 | 7 | 135 | 7 | 167 | 7 | 199 | 7 | 231 | 7 |
| 8 | 8 | 40 | 8 | 72 | 8 | 104 | 8 | 136 | 8 | 168 | 8 | 200 | 8 | 232 | 8 |
| 9 | 9 | 41 | 9 | 73 | 9 | 105 | 9 | 137 | 9 | 169 | 9 | 201 | 9 | 233 | 9 |
| 10 | 10 | 42 | 10 | 74 | 10 | 106 | 10 | 138 | 10 | 170 | 10 | 202 | 10 | 234 | 10 |
| 11 | 11 | 43 | 11 | 75 | 11 | 107 | 11 | 139 | 11 | 171 | 11 | 203 | 11 | 235 | 11 |
| 12 | 12 | 44 | 12 | 76 | 12 | 108 | 12 | 140 | 12 | 172 | 12 | 204 | 12 | 236 | 12 |
| 13 | 13 | 45 | 13 | 77 | 13 | 109 | 13 | 141 | 13 | 173 | 13 | 205 | 13 | 237 | 13 |
| 14 | 14 | 46 | 14 | 78 | 14 | 110 | 14 | 142 | 14 | 174 | 14 | 206 | 14 | 238 | 14 |
| 15 | 15 | 47 | 15 | 79 | 15 | 111 | 15 | 143 | 15 | 175 | 15 | 207 | 15 | 239 | 15 |
| 16 | 16 | 48 | 16 | 80 | 16 | 112 | 16 | 145 | 16 | 176 | 16 | 208 | 16 | 240 | 16 |
| 17 | 17 | 49 | 17 | 81 | 17 | 113 | 17 | 145 | 17 | 177 | 17 | 209 | 17 | 241 | 17 |
| 18 | 18 | 50 | 18 | 82 | 18 | 114 | 18 | 146 | 18 | 178 | 18 | 210 | 18 | 242 | 18 |
| 19 | 19 | 51 | 19 | 83 | 19 | 115 | 19 | 147 | 19 | 179 | 19 | 211 | 19 | 243 | 19 |
| 20 | 20 | 52 | 20 | 84 | 20 | 116 | 20 | 148 | 20 | 180 | 20 | 212 | 20 | 244 | 20 |
| 21 | 21 | 53 | 21 | 85 | 21 | 117 | 21 | 149 | 21 | 181 | 21 | 213 | 21 | 245 | 21 |
| 22 | 22 | 54 | 22 | 86 | 22 | 118 | 22 | 150 | 22 | 182 | 22 | 214 | 22 | 246 | 22 |
| 23 | 23 | 55 | 23 | 87 | 23 | 119 | 23 | 151 | 23 | 183 | 23 | 215 | 23 | 247 | 23 |
| 24 | 24 | 56 | 24 | 88 | 24 | 120 | 24 | 152 | 24 | 184 | 24 | 216 | 24 | 248 | 24 |
| 25 | 25 | 57 | 25 | 89 | 25 | 121 | 25 | 153 | 25 | 185 | 25 | 217 | 25 | 249 | 25 |
| 26 | 26 | 58 | 26 | 90 | 26 | 122 | 26 | 154 | 26 | 186 | 26 | 218 | 26 | 250 | 26 |
| 27 | 27 | 59 | 27 | 91 | 27 | 123 | 27 | 155 | 27 | 187 | 27 | 219 | 27 | 251 | 27 |
| 28 | 28 | 60 | 28 | 92 | 28 | 124 | 28 | 156 | 28 | 188 | 28 | 220 | 28 | 252 | 28 |
| 29 | 29 | 61 | 29 | 93 | 29 | 125 | 29 | 157 | 29 | 189 | 29 | 221 | 29 | 253 | 29 |
| 30 | 30 | 62 | 30 | 94 | 30 | 126 | 30 | 158 | 30 | 190 | 30 | 222 | 30 | 254 | 30 |
| 31 | 31 | 63 | 31 | 95 | 31 | 127 | 31 | 159 | 31 | 191 | 31 | 223 | 31 | 255 | 31 |
| 32 | 32 | 64 | 32 | 96 | 32 | 128 | 32 | 160 | 32 | 192 | 32 | 224 | 32 | 256 | 32 |

| Group 9 | | Group 10 | | Group 11 | | Group 12 | | Group 13 | | Group 14 | | Group 15 | | Group 16 | |
|---------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out |
| 257 | 1 | 289 | 1 | 321 | 1 | 353 | 1 | 385 | 1 | 417 | 1 | 449 | 1 | 481 | 1 |
| 258 | 2 | 290 | 2 | 322 | 2 | 354 | 2 | 386 | 2 | 418 | 2 | 450 | 2 | 482 | 2 |
| 259 | 3 | 291 | 3 | 323 | 3 | 355 | 3 | 387 | 3 | 419 | 3 | 451 | 3 | 483 | 3 |
| 260 | 4 | 292 | 4 | 324 | 4 | 356 | 4 | 388 | 4 | 420 | 4 | 452 | 4 | 484 | 4 |
| 261 | 5 | 293 | 5 | 325 | 5 | 357 | 5 | 389 | 5 | 421 | 5 | 453 | 5 | 485 | 5 |
| 262 | 6 | 294 | 6 | 326 | 6 | 358 | 6 | 390 | 6 | 422 | 6 | 454 | 6 | 486 | 6 |
| 263 | 7 | 295 | 7 | 327 | 7 | 359 | 7 | 391 | 7 | 423 | 7 | 455 | 7 | 487 | 7 |
| 264 | 8 | 296 | 8 | 328 | 8 | 360 | 8 | 392 | 8 | 424 | 8 | 456 | 8 | 488 | 8 |
| 265 | 9 | 297 | 9 | 329 | 9 | 361 | 9 | 393 | 9 | 425 | 9 | 457 | 9 | 489 | 9 |
| 266 | 10 | 298 | 10 | 330 | 10 | 362 | 10 | 394 | 10 | 426 | 10 | 458 | 10 | 490 | 10 |
| 267 | 11 | 299 | 11 | 331 | 11 | 363 | 11 | 395 | 11 | 427 | 11 | 459 | 11 | 491 | 11 |
| 268 | 12 | 300 | 12 | 332 | 12 | 364 | 12 | 396 | 12 | 428 | 12 | 460 | 12 | 492 | 12 |
| 269 | 13 | 301 | 13 | 333 | 13 | 365 | 13 | 397 | 13 | 429 | 13 | 461 | 13 | 493 | 13 |
| 270 | 14 | 302 | 14 | 334 | 14 | 366 | 14 | 398 | 14 | 430 | 14 | 462 | 14 | 494 | 14 |
| 271 | 15 | 303 | 15 | 335 | 15 | 367 | 15 | 399 | 15 | 431 | 15 | 463 | 15 | 495 | 15 |
| 272 | 16 | 304 | 16 | 336 | 16 | 368 | 16 | 400 | 16 | 432 | 16 | 464 | 16 | 496 | 16 |
| 273 | 17 | 305 | 17 | 337 | 17 | 369 | 17 | 401 | 17 | 433 | 17 | 465 | 17 | 497 | 17 |
| 274 | 18 | 306 | 18 | 338 | 18 | 370 | 18 | 402 | 18 | 434 | 18 | 466 | 18 | 498 | 18 |
| 275 | 19 | 307 | 19 | 339 | 19 | 371 | 19 | 403 | 19 | 435 | 19 | 467 | 19 | 499 | 19 |
| 276 | 20 | 308 | 20 | 340 | 20 | 372 | 20 | 404 | 20 | 436 | 20 | 468 | 20 | 500 | 20 |
| 277 | 21 | 309 | 21 | 341 | 21 | 373 | 21 | 405 | 21 | 437 | 21 | 469 | 21 | 501 | 21 |
| 278 | 22 | 310 | 22 | 342 | 22 | 374 | 22 | 406 | 22 | 438 | 22 | 470 | 22 | 502 | 22 |
| 279 | 23 | 311 | 23 | 343 | 23 | 375 | 23 | 407 | 23 | 439 | 23 | 471 | 23 | 503 | 23 |
| 280 | 24 | 312 | 24 | 344 | 24 | 376 | 24 | 408 | 24 | 440 | 24 | 472 | 24 | 504 | 24 |
| 281 | 25 | 313 | 25 | 345 | 25 | 377 | 25 | 409 | 25 | 441 | 25 | 473 | 25 | 505 | 25 |
| 282 | 26 | 314 | 26 | 346 | 26 | 378 | 26 | 410 | 26 | 442 | 26 | 474 | 26 | 506 | 26 |
| 283 | 27 | 315 | 27 | 347 | 27 | 379 | 27 | 411 | 27 | 443 | 27 | 475 | 27 | 507 | 27 |
| 284 | 28 | 316 | 28 | 348 | 28 | 380 | 28 | 412 | 28 | 444 | 28 | 476 | 28 | 508 | 28 |
| 285 | 29 | 317 | 29 | 349 | 29 | 381 | 29 | 413 | 29 | 445 | 29 | 477 | 29 | 509 | 29 |
| 286 | 30 | 318 | 30 | 350 | 30 | 382 | 30 | 414 | 30 | 446 | 30 | 478 | 30 | 510 | 30 |
| 287 | 31 | 319 | 31 | 351 | 31 | 383 | 31 | 415 | 31 | 447 | 31 | 479 | 31 | 511 | 31 |
| 288 | 32 | 320 | 32 | 352 | 32 | 384 | 32 | 416 | 32 | 448 | 32 | 480 | 32 | 512 | 32 |

ADDRESS GROUPS of 32

| Group 17 | | Group 18 | | Group 19 | | Group 20 | | Group 21 | | Group 22 | | Group 23 | | Group 24 | |
|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out |
| 513 | 1 | 545 | 1 | 577 | 1 | 609 | 1 | 641 | 1 | 673 | 1 | 705 | 1 | 737 | 1 |
| 514 | 2 | 546 | 2 | 578 | 2 | 610 | 2 | 642 | 2 | 674 | 2 | 706 | 2 | 738 | 2 |
| 515 | 3 | 547 | 3 | 579 | 3 | 611 | 3 | 643 | 3 | 675 | 3 | 707 | 3 | 739 | 3 |
| 516 | 4 | 548 | 4 | 580 | 4 | 612 | 4 | 644 | 4 | 676 | 4 | 708 | 4 | 740 | 4 |
| 517 | 5 | 549 | 5 | 581 | 5 | 613 | 5 | 645 | 5 | 677 | 5 | 709 | 5 | 741 | 5 |
| 518 | 6 | 550 | 6 | 582 | 6 | 614 | 6 | 646 | 6 | 678 | 6 | 710 | 6 | 742 | 6 |
| 519 | 7 | 551 | 7 | 583 | 7 | 615 | 7 | 647 | 7 | 679 | 7 | 711 | 7 | 743 | 7 |
| 520 | 8 | 552 | 8 | 584 | 8 | 616 | 8 | 648 | 8 | 680 | 8 | 712 | 8 | 744 | 8 |
| 521 | 9 | 553 | 9 | 585 | 9 | 617 | 9 | 649 | 9 | 681 | 9 | 713 | 9 | 745 | 9 |
| 522 | 10 | 554 | 10 | 586 | 10 | 618 | 10 | 650 | 10 | 682 | 10 | 714 | 10 | 746 | 10 |
| 523 | 11 | 555 | 11 | 587 | 11 | 619 | 11 | 651 | 11 | 683 | 11 | 715 | 11 | 747 | 11 |
| 524 | 12 | 556 | 12 | 588 | 12 | 620 | 12 | 652 | 12 | 684 | 12 | 716 | 12 | 748 | 12 |
| 525 | 13 | 557 | 13 | 589 | 13 | 621 | 13 | 653 | 13 | 685 | 13 | 717 | 13 | 749 | 13 |
| 526 | 14 | 558 | 14 | 590 | 14 | 622 | 14 | 654 | 14 | 686 | 14 | 718 | 14 | 750 | 14 |
| 527 | 15 | 559 | 15 | 591 | 15 | 623 | 15 | 655 | 15 | 687 | 15 | 719 | 15 | 751 | 15 |
| 528 | 16 | 560 | 16 | 592 | 16 | 624 | 16 | 656 | 16 | 688 | 16 | 720 | 16 | 752 | 16 |
| 529 | 17 | 561 | 17 | 593 | 17 | 625 | 17 | 657 | 17 | 689 | 17 | 721 | 17 | 753 | 17 |
| 530 | 18 | 562 | 18 | 594 | 18 | 626 | 18 | 658 | 18 | 690 | 18 | 722 | 18 | 754 | 18 |
| 531 | 19 | 563 | 19 | 595 | 19 | 627 | 19 | 659 | 19 | 691 | 19 | 723 | 19 | 755 | 19 |
| 532 | 20 | 564 | 20 | 596 | 20 | 628 | 20 | 660 | 20 | 692 | 20 | 724 | 20 | 756 | 20 |
| 533 | 21 | 565 | 21 | 597 | 21 | 629 | 21 | 661 | 21 | 693 | 21 | 725 | 21 | 757 | 21 |
| 534 | 22 | 566 | 22 | 598 | 22 | 630 | 22 | 662 | 22 | 694 | 22 | 726 | 22 | 758 | 22 |
| 535 | 23 | 567 | 23 | 599 | 23 | 631 | 23 | 663 | 23 | 695 | 23 | 727 | 23 | 759 | 23 |
| 536 | 24 | 568 | 24 | 600 | 24 | 632 | 24 | 664 | 24 | 696 | 24 | 728 | 24 | 760 | 24 |
| 537 | 25 | 569 | 25 | 601 | 25 | 633 | 25 | 665 | 25 | 697 | 25 | 729 | 25 | 761 | 25 |
| 538 | 26 | 570 | 26 | 602 | 26 | 634 | 26 | 666 | 26 | 698 | 26 | 730 | 26 | 762 | 26 |
| 539 | 27 | 571 | 27 | 603 | 27 | 635 | 27 | 667 | 27 | 699 | 27 | 731 | 27 | 763 | 27 |
| 540 | 28 | 572 | 28 | 604 | 28 | 636 | 28 | 668 | 28 | 700 | 28 | 732 | 28 | 764 | 28 |
| 541 | 29 | 573 | 29 | 605 | 29 | 637 | 29 | 669 | 29 | 701 | 29 | 733 | 29 | 765 | 29 |
| 542 | 30 | 574 | 30 | 606 | 30 | 638 | 30 | 670 | 30 | 702 | 30 | 734 | 30 | 766 | 30 |
| 543 | 31 | 575 | 31 | 607 | 31 | 639 | 31 | 671 | 31 | 703 | 31 | 735 | 31 | 767 | 31 |
| 544 | 32 | 576 | 32 | 608 | 32 | 640 | 32 | 672 | 32 | 704 | 32 | 736 | 32 | 768 | 32 |

| Group 25 | | Group 26 | | Group 27 | | Group 28 | | Group 29 | | Group 30 | | Group 31 | | Group 32 | |
|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out |
| 769 | 1 | 801 | 1 | 833 | 1 | 865 | 1 | 897 | 1 | 929 | 1 | 961 | 1 | 993 | 1 |
| 770 | 2 | 802 | 2 | 834 | 2 | 866 | 2 | 898 | 2 | 930 | 2 | 962 | 2 | 994 | 2 |
| 771 | 3 | 803 | 3 | 835 | 3 | 867 | 3 | 899 | 3 | 931 | 3 | 963 | 3 | 995 | 3 |
| 772 | 4 | 804 | 4 | 836 | 4 | 868 | 4 | 900 | 4 | 932 | 4 | 964 | 4 | 996 | 4 |
| 773 | 5 | 805 | 5 | 837 | 5 | 869 | 5 | 901 | 5 | 933 | 5 | 965 | 5 | 997 | 5 |
| 774 | 6 | 806 | 6 | 838 | 6 | 870 | 6 | 902 | 6 | 934 | 6 | 966 | 6 | 998 | 6 |
| 775 | 7 | 807 | 7 | 839 | 7 | 871 | 7 | 903 | 7 | 935 | 7 | 967 | 7 | 999 | 7 |
| 776 | 8 | 808 | 8 | 840 | 8 | 872 | 8 | 904 | 8 | 936 | 8 | 968 | 8 | 1000 | 8 |
| 777 | 9 | 809 | 9 | 841 | 9 | 873 | 9 | 905 | 9 | 937 | 9 | 969 | 9 | 1001 | 9 |
| 778 | 10 | 810 | 10 | 842 | 10 | 874 | 10 | 906 | 10 | 938 | 10 | 970 | 10 | 1002 | 10 |
| 779 | 11 | 811 | 11 | 843 | 11 | 875 | 11 | 907 | 11 | 939 | 11 | 971 | 11 | 1003 | 11 |
| 780 | 12 | 812 | 12 | 844 | 12 | 876 | 12 | 908 | 12 | 940 | 12 | 972 | 12 | 1004 | 12 |
| 781 | 13 | 813 | 13 | 845 | 13 | 877 | 13 | 909 | 13 | 941 | 13 | 973 | 13 | 1005 | 13 |
| 782 | 14 | 814 | 14 | 846 | 14 | 878 | 14 | 910 | 14 | 942 | 14 | 974 | 14 | 1006 | 14 |
| 783 | 15 | 815 | 15 | 847 | 15 | 879 | 15 | 911 | 15 | 943 | 15 | 975 | 15 | 1007 | 15 |
| 784 | 16 | 816 | 16 | 848 | 16 | 880 | 16 | 912 | 16 | 944 | 16 | 976 | 16 | 1008 | 16 |
| 785 | 17 | 817 | 17 | 849 | 17 | 881 | 17 | 913 | 17 | 945 | 17 | 977 | 17 | 1009 | 17 |
| 786 | 18 | 818 | 18 | 850 | 18 | 882 | 18 | 914 | 18 | 946 | 18 | 978 | 18 | 1010 | 18 |
| 787 | 19 | 819 | 19 | 851 | 19 | 883 | 19 | 915 | 19 | 947 | 19 | 979 | 19 | 1011 | 19 |
| 788 | 20 | 820 | 20 | 852 | 20 | 884 | 20 | 916 | 20 | 948 | 20 | 980 | 20 | 1012 | 20 |
| 789 | 21 | 821 | 21 | 853 | 21 | 885 | 21 | 917 | 21 | 949 | 21 | 981 | 21 | 1013 | 21 |
| 790 | 22 | 822 | 22 | 854 | 22 | 886 | 22 | 918 | 22 | 950 | 22 | 982 | 22 | 1014 | 22 |
| 791 | 23 | 823 | 23 | 855 | 23 | 887 | 23 | 919 | 23 | 951 | 23 | 983 | 23 | 1015 | 23 |
| 792 | 24 | 824 | 24 | 856 | 24 | 888 | 24 | 920 | 24 | 952 | 24 | 984 | 24 | 1016 | 24 |
| 793 | 25 | 825 | 25 | 857 | 25 | 889 | 25 | 921 | 25 | 953 | 25 | 985 | 25 | 1017 | 25 |
| 794 | 26 | 826 | 26 | 858 | 26 | 890 | 26 | 922 | 26 | 954 | 26 | 986 | 26 | 1018 | 26 |
| 795 | 27 | 827 | 27 | 859 | 27 | 891 | 27 | 923 | 27 | 955 | 27 | 987 | 27 | 1019 | 27 |
| 796 | 28 | 828 | 28 | 860 | 28 | 892 | 28 | 924 | 28 | 956 | 28 | 988 | 28 | 1020 | 28 |
| 797 | 29 | 829 | 29 | 861 | 29 | 893 | 29 | 925 | 29 | 957 | 29 | 989 | 29 | 1021 | 29 |
| 798 | 30 | 830 | 30 | 862 | 30 | 894 | 30 | 926 | 30 | 958 | 30 | 990 | 30 | 1022 | 30 |
| 799 | 31 | 831 | 31 | 863 | 31 | 895 | 31 | 927 | 31 | 959 | 31 | 991 | 31 | 1023 | 31 |
| 800 | 32 | 832 | 32 | 864 | 32 | 896 | 32 | 928 | 32 | 960 | 32 | 992 | 32 | 1024 | 32 |

ADDRESS GROUPS of 96

| Group 1 | | Group 2 | | Group 3 | | Group 4 | | | | | | | | | |
|---------|-----|---------|-----|---------|-----|---------|-----|-----|----|-----|----|-----|----|-----|----|
| In | Out | In | Out | In | Out | In | Out | | | | | | | | |
| 1 | 1 | 49 | 49 | 97 | 1 | 145 | 49 | 193 | 1 | 241 | 49 | 289 | 1 | 337 | 49 |
| 2 | 2 | 50 | 50 | 98 | 2 | 146 | 50 | 194 | 2 | 242 | 50 | 290 | 2 | 338 | 50 |
| 3 | 3 | 51 | 51 | 99 | 3 | 147 | 51 | 195 | 3 | 243 | 51 | 291 | 3 | 339 | 51 |
| 4 | 4 | 52 | 52 | 100 | 4 | 148 | 52 | 196 | 4 | 244 | 52 | 292 | 4 | 340 | 52 |
| 5 | 5 | 53 | 53 | 101 | 5 | 149 | 53 | 197 | 5 | 245 | 53 | 293 | 5 | 341 | 53 |
| 6 | 6 | 54 | 54 | 102 | 6 | 150 | 54 | 198 | 6 | 246 | 54 | 294 | 6 | 342 | 54 |
| 7 | 7 | 55 | 55 | 103 | 7 | 151 | 55 | 199 | 7 | 247 | 55 | 295 | 7 | 343 | 55 |
| 8 | 8 | 56 | 56 | 104 | 8 | 152 | 56 | 200 | 8 | 248 | 56 | 296 | 8 | 344 | 56 |
| 9 | 9 | 57 | 57 | 105 | 9 | 153 | 57 | 201 | 9 | 249 | 57 | 297 | 9 | 345 | 57 |
| 10 | 10 | 58 | 58 | 106 | 10 | 154 | 58 | 202 | 10 | 250 | 58 | 298 | 10 | 346 | 58 |
| 11 | 11 | 59 | 59 | 107 | 11 | 155 | 59 | 203 | 11 | 251 | 59 | 299 | 11 | 347 | 59 |
| 12 | 12 | 60 | 60 | 108 | 12 | 156 | 60 | 204 | 12 | 252 | 60 | 300 | 12 | 348 | 60 |
| 13 | 13 | 61 | 61 | 109 | 13 | 157 | 61 | 205 | 13 | 253 | 61 | 301 | 13 | 349 | 61 |
| 14 | 14 | 62 | 62 | 110 | 14 | 158 | 62 | 206 | 14 | 254 | 62 | 302 | 14 | 350 | 62 |
| 15 | 15 | 63 | 63 | 111 | 15 | 159 | 63 | 207 | 15 | 255 | 63 | 303 | 15 | 351 | 63 |
| 16 | 16 | 64 | 64 | 112 | 16 | 160 | 64 | 208 | 16 | 256 | 64 | 304 | 16 | 352 | 64 |
| 17 | 17 | 65 | 65 | 113 | 17 | 161 | 65 | 209 | 17 | 257 | 65 | 305 | 17 | 353 | 65 |
| 18 | 18 | 66 | 66 | 114 | 18 | 162 | 66 | 210 | 18 | 258 | 66 | 306 | 18 | 354 | 66 |
| 19 | 19 | 67 | 67 | 115 | 19 | 163 | 67 | 211 | 19 | 259 | 67 | 307 | 19 | 355 | 67 |
| 20 | 20 | 68 | 68 | 116 | 20 | 164 | 68 | 212 | 20 | 260 | 68 | 308 | 20 | 356 | 68 |
| 21 | 21 | 69 | 69 | 117 | 21 | 165 | 69 | 213 | 21 | 261 | 69 | 309 | 21 | 357 | 69 |
| 22 | 22 | 70 | 70 | 118 | 22 | 166 | 70 | 214 | 22 | 262 | 70 | 310 | 22 | 358 | 70 |
| 23 | 23 | 71 | 71 | 119 | 23 | 167 | 71 | 215 | 23 | 263 | 71 | 311 | 23 | 359 | 71 |
| 24 | 24 | 72 | 72 | 120 | 24 | 168 | 72 | 216 | 24 | 264 | 72 | 312 | 24 | 360 | 72 |
| 25 | 25 | 73 | 73 | 121 | 25 | 169 | 73 | 217 | 25 | 265 | 73 | 313 | 25 | 361 | 73 |
| 26 | 26 | 74 | 74 | 122 | 26 | 170 | 74 | 218 | 26 | 266 | 74 | 314 | 26 | 362 | 74 |
| 27 | 27 | 75 | 75 | 123 | 27 | 171 | 75 | 219 | 27 | 267 | 75 | 315 | 27 | 363 | 75 |
| 28 | 28 | 76 | 76 | 124 | 28 | 172 | 76 | 220 | 28 | 268 | 76 | 316 | 28 | 364 | 76 |
| 29 | 29 | 77 | 77 | 125 | 29 | 173 | 77 | 221 | 29 | 269 | 77 | 317 | 29 | 365 | 77 |
| 30 | 30 | 78 | 78 | 126 | 30 | 174 | 78 | 222 | 30 | 270 | 78 | 318 | 30 | 366 | 78 |
| 31 | 31 | 79 | 79 | 127 | 31 | 175 | 79 | 223 | 31 | 271 | 79 | 319 | 31 | 367 | 79 |
| 32 | 32 | 80 | 80 | 128 | 32 | 176 | 80 | 224 | 32 | 272 | 80 | 320 | 32 | 368 | 80 |
| 33 | 33 | 81 | 81 | 129 | 33 | 177 | 81 | 225 | 33 | 273 | 81 | 321 | 33 | 369 | 81 |
| 34 | 34 | 82 | 82 | 130 | 34 | 178 | 82 | 226 | 34 | 274 | 82 | 322 | 34 | 370 | 82 |
| 35 | 35 | 83 | 83 | 131 | 35 | 179 | 83 | 227 | 35 | 275 | 83 | 323 | 35 | 371 | 83 |
| 36 | 36 | 84 | 84 | 132 | 36 | 180 | 84 | 228 | 36 | 276 | 84 | 324 | 36 | 372 | 84 |
| 37 | 37 | 85 | 85 | 133 | 37 | 181 | 85 | 229 | 37 | 277 | 85 | 325 | 37 | 373 | 85 |
| 38 | 38 | 86 | 86 | 134 | 38 | 182 | 86 | 230 | 38 | 278 | 86 | 326 | 38 | 374 | 86 |
| 39 | 39 | 87 | 87 | 135 | 39 | 183 | 87 | 231 | 39 | 279 | 87 | 327 | 39 | 375 | 87 |
| 40 | 40 | 88 | 88 | 136 | 40 | 184 | 88 | 232 | 40 | 280 | 88 | 328 | 40 | 376 | 88 |
| 41 | 41 | 89 | 89 | 137 | 41 | 185 | 89 | 233 | 41 | 281 | 89 | 329 | 41 | 377 | 89 |
| 42 | 42 | 90 | 90 | 138 | 42 | 186 | 90 | 234 | 42 | 282 | 90 | 330 | 42 | 378 | 90 |
| 43 | 43 | 91 | 91 | 139 | 43 | 187 | 91 | 235 | 43 | 283 | 91 | 331 | 43 | 379 | 91 |
| 44 | 44 | 92 | 92 | 140 | 44 | 188 | 92 | 236 | 44 | 284 | 92 | 332 | 44 | 380 | 92 |
| 45 | 45 | 93 | 93 | 141 | 45 | 189 | 93 | 237 | 45 | 285 | 93 | 333 | 45 | 381 | 93 |
| 46 | 46 | 94 | 94 | 142 | 46 | 190 | 94 | 238 | 46 | 286 | 94 | 334 | 46 | 382 | 94 |
| 47 | 47 | 95 | 95 | 143 | 47 | 191 | 95 | 239 | 47 | 287 | 95 | 335 | 47 | 383 | 95 |
| 48 | 48 | 96 | 96 | 144 | 48 | 192 | 96 | 240 | 48 | 288 | 96 | 336 | 48 | 384 | 96 |

ADDRESS GROUPS of 96

| Group 9 | | Group 9 | | Group 10 | | Group 10 | | Group 11 | | Group 11 | | Group 12 | | Group 12 | |
|---------|-----|---------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out | In | Out |
| 769 | 1 | 817 | 49 | 865 | 1 | 913 | 49 | 961 | 1 | 1009 | 49 | 1057 | 1 | 1105 | 49 |
| 770 | 2 | 818 | 50 | 866 | 2 | 914 | 50 | 962 | 2 | 1010 | 50 | 1058 | 2 | 1106 | 50 |
| 771 | 3 | 819 | 51 | 867 | 3 | 915 | 51 | 963 | 3 | 1011 | 51 | 1059 | 3 | 1107 | 51 |
| 772 | 4 | 820 | 52 | 868 | 4 | 916 | 52 | 964 | 4 | 1012 | 52 | 1060 | 4 | 1108 | 52 |
| 773 | 5 | 821 | 53 | 869 | 5 | 917 | 53 | 965 | 5 | 1013 | 53 | 1061 | 5 | 1109 | 53 |
| 774 | 6 | 822 | 54 | 870 | 6 | 918 | 54 | 966 | 6 | 1014 | 54 | 1062 | 6 | 1110 | 54 |
| 775 | 7 | 823 | 55 | 871 | 7 | 919 | 55 | 967 | 7 | 1015 | 55 | 1063 | 7 | 1111 | 55 |
| 776 | 8 | 824 | 56 | 872 | 8 | 920 | 56 | 968 | 8 | 1016 | 56 | 1064 | 8 | 1112 | 56 |
| 777 | 9 | 825 | 57 | 873 | 9 | 921 | 57 | 969 | 9 | 1017 | 57 | 1065 | 9 | 1113 | 57 |
| 778 | 10 | 826 | 58 | 874 | 10 | 922 | 58 | 970 | 10 | 1018 | 58 | 1066 | 10 | 1114 | 58 |
| 779 | 11 | 827 | 59 | 875 | 11 | 923 | 59 | 971 | 11 | 1019 | 59 | 1067 | 11 | 1115 | 59 |
| 780 | 12 | 828 | 60 | 876 | 12 | 924 | 60 | 972 | 12 | 1020 | 60 | 1068 | 12 | 1116 | 60 |
| 781 | 13 | 829 | 61 | 877 | 13 | 925 | 61 | 973 | 13 | 1021 | 61 | 1069 | 13 | 1117 | 61 |
| 782 | 14 | 830 | 62 | 878 | 14 | 926 | 62 | 974 | 14 | 1022 | 62 | 1070 | 14 | 1118 | 62 |
| 783 | 15 | 831 | 63 | 879 | 15 | 927 | 63 | 975 | 15 | 1023 | 63 | 1071 | 15 | 1119 | 63 |
| 784 | 16 | 832 | 64 | 880 | 16 | 928 | 64 | 976 | 16 | 1024 | 64 | 1072 | 16 | 1120 | 64 |
| 785 | 17 | 833 | 65 | 881 | 17 | 929 | 65 | 977 | 17 | 1025 | 65 | 1073 | 17 | 1121 | 65 |
| 786 | 18 | 834 | 66 | 882 | 18 | 930 | 66 | 978 | 18 | 1026 | 66 | 1074 | 18 | 1122 | 66 |
| 787 | 19 | 835 | 67 | 883 | 19 | 931 | 67 | 979 | 19 | 1027 | 67 | 1075 | 19 | 1123 | 67 |
| 788 | 20 | 836 | 68 | 884 | 20 | 932 | 68 | 980 | 20 | 1028 | 68 | 1076 | 20 | 1124 | 68 |
| 789 | 21 | 837 | 69 | 885 | 21 | 933 | 69 | 981 | 21 | 1029 | 69 | 1077 | 21 | 1125 | 69 |
| 790 | 22 | 838 | 70 | 886 | 22 | 934 | 70 | 982 | 22 | 1030 | 70 | 1078 | 22 | 1126 | 70 |
| 791 | 23 | 839 | 71 | 887 | 23 | 935 | 71 | 983 | 23 | 1031 | 71 | 1079 | 23 | 1127 | 71 |
| 792 | 24 | 840 | 72 | 888 | 24 | 936 | 72 | 984 | 24 | 1032 | 72 | 1080 | 24 | 1128 | 72 |
| 793 | 25 | 841 | 73 | 889 | 25 | 937 | 73 | 985 | 25 | 1033 | 73 | 1081 | 25 | 1129 | 73 |
| 794 | 26 | 842 | 74 | 890 | 26 | 938 | 74 | 986 | 26 | 1034 | 74 | 1082 | 26 | 1130 | 74 |
| 795 | 27 | 843 | 75 | 891 | 27 | 939 | 75 | 987 | 27 | 1035 | 75 | 1083 | 27 | 1131 | 75 |
| 796 | 28 | 844 | 76 | 892 | 28 | 940 | 76 | 988 | 28 | 1036 | 76 | 1084 | 28 | 1132 | 76 |
| 797 | 29 | 845 | 77 | 893 | 29 | 941 | 77 | 989 | 29 | 1037 | 77 | 1085 | 29 | 1133 | 77 |
| 798 | 30 | 846 | 78 | 894 | 30 | 942 | 78 | 990 | 30 | 1038 | 78 | 1086 | 30 | 1134 | 78 |
| 799 | 31 | 847 | 79 | 895 | 31 | 943 | 79 | 991 | 31 | 1039 | 79 | 1087 | 31 | 1135 | 79 |
| 800 | 32 | 848 | 80 | 896 | 32 | 944 | 80 | 992 | 32 | 1040 | 80 | 1088 | 32 | 1136 | 80 |
| 801 | 33 | 849 | 81 | 897 | 33 | 945 | 81 | 993 | 33 | 1041 | 81 | 1089 | 33 | 1137 | 81 |
| 802 | 34 | 850 | 82 | 898 | 34 | 946 | 82 | 994 | 34 | 1042 | 82 | 1090 | 34 | 1138 | 82 |
| 803 | 35 | 851 | 83 | 899 | 35 | 947 | 83 | 995 | 35 | 1043 | 83 | 1091 | 35 | 1139 | 83 |
| 804 | 36 | 852 | 84 | 900 | 36 | 948 | 84 | 996 | 36 | 1044 | 84 | 1092 | 36 | 1140 | 84 |
| 805 | 37 | 853 | 85 | 901 | 37 | 949 | 85 | 997 | 37 | 1045 | 85 | 1093 | 37 | 1141 | 85 |
| 806 | 38 | 854 | 86 | 902 | 38 | 950 | 86 | 998 | 38 | 1046 | 86 | 1094 | 38 | 1142 | 86 |
| 807 | 39 | 855 | 87 | 903 | 39 | 951 | 87 | 999 | 39 | 1047 | 87 | 1095 | 39 | 1143 | 87 |
| 808 | 40 | 856 | 88 | 904 | 40 | 952 | 88 | 1000 | 40 | 1048 | 88 | 1096 | 40 | 1144 | 88 |
| 809 | 41 | 857 | 89 | 905 | 41 | 953 | 89 | 1001 | 41 | 1049 | 89 | 1097 | 41 | 1145 | 89 |
| 810 | 42 | 858 | 90 | 906 | 42 | 954 | 90 | 1002 | 42 | 1050 | 90 | 1098 | 42 | 1146 | 90 |
| 811 | 43 | 859 | 91 | 907 | 43 | 955 | 91 | 1003 | 43 | 1051 | 91 | 1099 | 43 | 1147 | 91 |
| 812 | 44 | 860 | 92 | 908 | 44 | 956 | 92 | 1004 | 44 | 1052 | 92 | 1100 | 44 | 1148 | 92 |
| 813 | 45 | 861 | 93 | 909 | 45 | 957 | 93 | 1005 | 45 | 1053 | 93 | 1101 | 45 | 1149 | 93 |
| 814 | 46 | 862 | 94 | 910 | 46 | 958 | 94 | 1006 | 46 | 1054 | 94 | 1102 | 46 | 1150 | 94 |
| 815 | 47 | 863 | 95 | 911 | 47 | 959 | 95 | 1007 | 47 | 1055 | 95 | 1103 | 47 | 1151 | 95 |
| 816 | 48 | 864 | 96 | 912 | 48 | 960 | 96 | 1008 | 48 | 1056 | 96 | 1104 | 48 | 1152 | 96 |

ADDRESS GROUPS of 96

| Group 13 | | Group 14 | | Group 15 | | Group 16 | | | | | | | | | |
|----------|-----|----------|-----|----------|-----|----------|-----|------|----|------|----|------|----|------|----|
| In | Out | In | Out | In | Out | In | Out | | | | | | | | |
| 1153 | 1 | 1201 | 49 | 1249 | 1 | 1297 | 49 | 1345 | 1 | 1393 | 49 | 1441 | 1 | 1489 | 49 |
| 1154 | 2 | 1202 | 50 | 1250 | 2 | 1298 | 50 | 1346 | 2 | 1394 | 50 | 1442 | 2 | 1490 | 50 |
| 1155 | 3 | 1203 | 51 | 1251 | 3 | 1299 | 51 | 1347 | 3 | 1395 | 51 | 1443 | 3 | 1491 | 51 |
| 1156 | 4 | 1204 | 52 | 1252 | 4 | 1300 | 52 | 1348 | 4 | 1396 | 52 | 1444 | 4 | 1492 | 52 |
| 1157 | 5 | 1205 | 53 | 1253 | 5 | 1301 | 53 | 1349 | 5 | 1397 | 53 | 1445 | 5 | 1493 | 53 |
| 1158 | 6 | 1206 | 54 | 1254 | 6 | 1302 | 54 | 1350 | 6 | 1398 | 54 | 1446 | 6 | 1494 | 54 |
| 1159 | 7 | 1207 | 55 | 1255 | 7 | 1303 | 55 | 1351 | 7 | 1399 | 55 | 1447 | 7 | 1495 | 55 |
| 1160 | 8 | 1208 | 56 | 1256 | 8 | 1304 | 56 | 1352 | 8 | 1400 | 56 | 1448 | 8 | 1496 | 56 |
| 1161 | 9 | 1209 | 57 | 1257 | 9 | 1305 | 57 | 1353 | 9 | 1401 | 57 | 1449 | 9 | 1497 | 57 |
| 1162 | 10 | 1210 | 58 | 1258 | 10 | 1306 | 58 | 1354 | 10 | 1402 | 58 | 1450 | 10 | 1498 | 58 |
| 1163 | 11 | 1211 | 59 | 1259 | 11 | 1307 | 59 | 1355 | 11 | 1403 | 59 | 1451 | 11 | 1499 | 59 |
| 1164 | 12 | 1212 | 60 | 1260 | 12 | 1308 | 60 | 1356 | 12 | 1404 | 60 | 1452 | 12 | 1500 | 60 |
| 1165 | 13 | 1213 | 61 | 1261 | 13 | 1309 | 61 | 1357 | 13 | 1405 | 61 | 1453 | 13 | 1501 | 61 |
| 1166 | 14 | 1214 | 62 | 1262 | 14 | 1310 | 62 | 1358 | 14 | 1406 | 62 | 1454 | 14 | 1502 | 62 |
| 1167 | 15 | 1215 | 63 | 1263 | 15 | 1311 | 63 | 1359 | 15 | 1407 | 63 | 1455 | 15 | 1503 | 63 |
| 1168 | 16 | 1216 | 64 | 1264 | 16 | 1312 | 64 | 1360 | 16 | 1408 | 64 | 1456 | 16 | 1504 | 64 |
| 1169 | 17 | 1217 | 65 | 1265 | 17 | 1313 | 65 | 1361 | 17 | 1409 | 65 | 1457 | 17 | 1505 | 65 |
| 1170 | 18 | 1218 | 66 | 1266 | 18 | 1314 | 66 | 1362 | 18 | 1410 | 66 | 1458 | 18 | 1506 | 66 |
| 1171 | 19 | 1219 | 67 | 1267 | 19 | 1315 | 67 | 1363 | 19 | 1411 | 67 | 1459 | 19 | 1507 | 67 |
| 1172 | 20 | 1220 | 68 | 1268 | 20 | 1316 | 68 | 1364 | 20 | 1412 | 68 | 1460 | 20 | 1508 | 68 |
| 1173 | 21 | 1221 | 69 | 1269 | 21 | 1317 | 69 | 1365 | 21 | 1413 | 69 | 1461 | 21 | 1509 | 69 |
| 1174 | 22 | 1222 | 70 | 1270 | 22 | 1318 | 70 | 1366 | 22 | 1414 | 70 | 1462 | 22 | 1510 | 70 |
| 1175 | 23 | 1223 | 71 | 1271 | 23 | 1319 | 71 | 1367 | 23 | 1415 | 71 | 1463 | 23 | 1511 | 71 |
| 1176 | 24 | 1224 | 72 | 1272 | 24 | 1320 | 72 | 1368 | 24 | 1416 | 72 | 1464 | 24 | 1512 | 72 |
| 1177 | 25 | 1225 | 73 | 1273 | 25 | 1321 | 73 | 1369 | 25 | 1417 | 73 | 1465 | 25 | 1513 | 73 |
| 1178 | 26 | 1226 | 74 | 1274 | 26 | 1322 | 74 | 1370 | 26 | 1418 | 74 | 1466 | 26 | 1514 | 74 |
| 1179 | 27 | 1227 | 75 | 1275 | 27 | 1323 | 75 | 1371 | 27 | 1419 | 75 | 1467 | 27 | 1515 | 75 |
| 1180 | 28 | 1228 | 76 | 1276 | 28 | 1324 | 76 | 1372 | 28 | 1420 | 76 | 1468 | 28 | 1516 | 76 |
| 1181 | 29 | 1229 | 77 | 1277 | 29 | 1325 | 77 | 1373 | 29 | 1421 | 77 | 1469 | 29 | 1517 | 77 |
| 1182 | 30 | 1230 | 78 | 1278 | 30 | 1326 | 78 | 1374 | 30 | 1422 | 78 | 1470 | 30 | 1518 | 78 |
| 1183 | 31 | 1231 | 79 | 1279 | 31 | 1327 | 79 | 1375 | 31 | 1423 | 79 | 1471 | 31 | 1519 | 79 |
| 1184 | 32 | 1232 | 80 | 1280 | 32 | 1328 | 80 | 1376 | 32 | 1424 | 80 | 1472 | 32 | 1520 | 80 |
| 1185 | 33 | 1233 | 81 | 1281 | 33 | 1329 | 81 | 1377 | 33 | 1425 | 81 | 1473 | 33 | 1521 | 81 |
| 1186 | 34 | 1234 | 82 | 1282 | 34 | 1330 | 82 | 1378 | 34 | 1426 | 82 | 1474 | 34 | 1522 | 82 |
| 1187 | 35 | 1235 | 83 | 1283 | 35 | 1331 | 83 | 1379 | 35 | 1427 | 83 | 1475 | 35 | 1523 | 83 |
| 1188 | 36 | 1236 | 84 | 1284 | 36 | 1332 | 84 | 1380 | 36 | 1428 | 84 | 1476 | 36 | 1524 | 84 |
| 1189 | 37 | 1237 | 85 | 1285 | 37 | 1333 | 85 | 1381 | 37 | 1429 | 85 | 1477 | 37 | 1525 | 85 |
| 1190 | 38 | 1238 | 86 | 1286 | 38 | 1334 | 86 | 1382 | 38 | 1430 | 86 | 1478 | 38 | 1526 | 86 |
| 1191 | 39 | 1239 | 87 | 1287 | 39 | 1335 | 87 | 1383 | 39 | 1431 | 87 | 1479 | 39 | 1527 | 87 |
| 1192 | 40 | 1240 | 88 | 1288 | 40 | 1336 | 88 | 1384 | 40 | 1432 | 88 | 1480 | 40 | 1528 | 88 |
| 1193 | 41 | 1241 | 89 | 1289 | 41 | 1337 | 89 | 1385 | 41 | 1433 | 89 | 1481 | 41 | 1529 | 89 |
| 1194 | 42 | 1242 | 90 | 1290 | 42 | 1338 | 90 | 1386 | 42 | 1434 | 90 | 1482 | 42 | 1530 | 90 |
| 1195 | 43 | 1243 | 91 | 1291 | 43 | 1339 | 91 | 1387 | 43 | 1435 | 91 | 1483 | 43 | 1531 | 91 |
| 1196 | 44 | 1244 | 92 | 1292 | 44 | 1340 | 92 | 1388 | 44 | 1436 | 92 | 1484 | 44 | 1532 | 92 |
| 1197 | 45 | 1245 | 93 | 1293 | 45 | 1341 | 93 | 1389 | 45 | 1437 | 93 | 1485 | 45 | 1533 | 93 |
| 1198 | 46 | 1246 | 94 | 1294 | 46 | 1342 | 94 | 1390 | 46 | 1438 | 94 | 1486 | 46 | 1534 | 94 |
| 1199 | 47 | 1247 | 95 | 1295 | 47 | 1343 | 95 | 1391 | 47 | 1439 | 95 | 1487 | 47 | 1535 | 95 |
| 1200 | 48 | 1248 | 96 | 1296 | 48 | 1344 | 96 | 1392 | 48 | 1440 | 96 | 1488 | 48 | 1536 | 96 |

