```
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file:/temp30/gtaclog/24_025_01sep2013.lta.1, scan:0, rec:5, chan:80
         VERSION: COR30x2 LTA1.10 DAS1.10 HST03
        OBS_MODE: INDIAN_POLAR    CORR_HOST: GSB   BASELINES: 930   CHANNELS: 512
SCN OBJECT      RA(MEAN)     DEC(MEAN)    DATE        IST       RF(MHz) CW(kHz)   Nrecs
  0 3C286       13h31m46.13 +30d26'20.53" 01/Sep/2013 12:31:43  322.47    4.069   56
SCN OBJECT      LO1(130)  LO1(175)  LO4(130) LO4(175)  RF(130)   RF(175)   CW   Nrecs
                  MHz       MHz       MHz      MHz      MHz       MHz      kHz
  0 3C286       254.000   254.000   131.532  173.468   322.468   322.468   4.07   56
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 ANT C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06 ANT 130P 175P
 C00  ++  45  59  49  51  47  47  63   4  51  50  55  56  33  52  48  46  50  61  26  61  44  53   7  62  32  67  60  37  56 C00  397  379
 C01  49  ++  81  71  61  62  52  79   6  63  51  67  64  35  57  61  64  58  63  28  72  49  69   2  67  39  71  72  45  60 C01  388  407
 C02  60  75  ++  64  72  70  61  79   4  65  56  70  70  33  68  72  61  58  66  30  74  59  70   3  73  41  71  79  46  67 C02  396  403
 C03  57  71  64  ++  58  48  51  63   6  57  46  57  54  35  52  58  54  51  58  32  68  48  68   4  60  37  66  63  35  51 C03  412  437
 C04  55  66  77  61  ++  62  48  68   3  71  50  62  55  36  59  59  59  46  62  42  72  48  64   3  60  39  77  61  36  60 C04  400  391
 C05  44  58  65  54  74  ++  50  62   3  51  44  61  54  30  51  57  55  48  56  30  72  48  59   4  56  29  67  64  38  49 C05  441  389
 C06  41  56  59  50  50  50  ++  53   5  35  37  60  54  36  46  47  53  41  53  31  59  43  55   2  50  32  55  47  33  44 C06  440  401
 C08  58  70  70  58  72  58  49  ++   5  72  51  61  59  39  73  59  67  52  75  34  81  57  71   3  77  43  72  68  41  72 C08  455  402
 C09   5   3   9   6   8   5   6   8  ++   1   6  10   2   3   4   3   1   0   3   5   4   2   5   3   1   2   4   2   3   1 C09  413  429
 C10  45  63  66  55  69  57  44  68   2  ++  47  53  55  37  69  50  57  51  61  33  67  52  61   2  63  44  73  65  38  60 C10  432  392
 C11  48  53  51  46  46  44  41  52   4  47  ++  59  52  32  44  48  48  46  52  23  54  41  47   1  54  31  56  54  35  51 C11  422  402
 C12  54  67  64  58  60  56  59  64   3  57  63  ++  69  40  58  64  56  57  64  34  68  48  65   6  63  36  69  65  46  54 C12  432  467
 C13  57  64  68  56  47  53  56  60   2  51  53  61  ++  41  57  61  57  54  67  37  66  53  61   5  62  31  65  69  44  57 C13  382  364
 C14  36  38  30  30  36  34  26  43   3  34  28  37  25  ++  34  26  32  29  41  27  38  32  33   5  42  21  50  31  24  41 C14  388  409
 E02  50  60  58  49  69  55  47  65   1  67  45  61  51  40  ++  52  44  50  58  28  63  50  55   5  63  35  69  64  37  61 E02  395  386
 E03  49  66  67  58  60  54  45  57   4  49  54  60  60  29  52  ++  54  52  50  33  58  44  62   6  61  33  59  58  40  53 E03  360  384
 E04  44  61  57  49  51  46  45  58   3  49  47  56  50  23  44  50  ++  51  52  28  64  46  59   2  54  33  61  51  34  52 E04  390  373
 E05  52  62  56  46  52  49  47  59   6  49  49  60  56  32  50  56  53  ++  58  22  56  46  47   2  53  27  56  57  29  52 E05  384  359
 E06  63  63  67  57  67  56  51  68   5  67  55  58  64  39  67  58  44  61  ++  34  72  49  60   2  60  37  74  68  48  61 E06  420  417
 S01  23  42  33  32  35  26  26  41  11  47  31  40  32  16  33  31  29  26  31  ++  39  23  30   7  27  13  29  30  14  30 S01  425  414
 S02  51  67  71  58  72  57  57  65   3  63  44  66  61  30  59  58  49  46  61  37  ++  46  72   5  63  36  72  70  47  58 S02  463  375
 S03  48  58  61  47  46  48  35  54   2  48  43  53  52  34  49  48  38  45  53  33  46  ++  49   3  50  31  56  59  31  50 S03  405  430
 S04  46  68  64  55  61  54  51  65   1  53  50  58  54  35  49  62  47  53  53  32  55  45  ++   3  61  37  63  64  38  56 S04  465  437
 S06   1   3   2   2   2   0   7   2   4   2   2   2   3   0   9   3   7   3   2   1   3   4   6  ++   1   5   2   6   8   1 S06  446  458
 W01  60  72  71  61  68  58  52  73   4  63  49  65  60  48  59  63  53  61  63  39  65  51  62   2  ++  36  68  64  42  62 W01  408  377
 W02  31  41  42  37  40  29  32  39   2  43  29  30  41  25  36  43  29  28  36  14  36  30  36   4  47  ++  43  43  27  42 W02  414  418
 W03  69  67  70  59  78  63  62  74   4  66  59  68  64  50  68  55  55  57  74  36  61  57  58   4  73  39  ++  66  46  62 W03  363  382
 W04  63  69  82  58  65  55  52  65   3  63  55  63  67  34  63  63  51  58  71  36  64  62  63   1  65  42  65  ++  86  61 W04  415  386
 W05  43  46  50  38  41  43  39  43   2  41  39  48  48  22  35  41  32  40  45  18  45  38  38   3  39  26  47  39  ++  33 W05  411  346
 W06  57  64  69  48  63  54  41  71   4  56  47  62  55  36  59  56  49  54  63  31  55  52  58   3  65  42  67  60  36  ++ W06  326  301
 ANT C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06 ANT 130P 175P
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file:/temp30/gtaclog/24_025_01sep2013.lta.2, scan:0, rec:5, chan:80
         VERSION: COR30x2 LTA1.10 DAS1.10 HST03
        OBS_MODE: INDIAN_POLAR    CORR_HOST: GSB   BASELINES: 930   CHANNELS: 512
SCN OBJECT      RA(MEAN)     DEC(MEAN)    DATE        IST       RF(MHz) CW(kHz)   Nrecs
  0 3C286       13h31m46.13 +30d26'20.53" 01/Sep/2013 18:51:59  345.32    4.069   58
SCN OBJECT      LO1(130)  LO1(175)  LO4(130) LO4(175)  RF(130)   RF(175)   CW   Nrecs
                  MHz       MHz       MHz      MHz      MHz       MHz      kHz
  0 3C286       276.000   276.000   130.683  174.317   345.317   345.317   4.07   58
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 ANT C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06 ANT 130P 175P
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**24_025_01sep2013.MTX.4 Sat Mar 29 15:54:55 2014 2**

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C00 | ++ | 53 | 75 | 47 | 58 | 58 | 58 | 68 | 72 | 59 | 50 | 65 | 53 | 58 | 60 | 58 | 55 | 45 | 62 | 61 | 46 | 48 | 63 | 0 | 52 | 55 | 66 | 62 | 63 | 58 | C00 | 349 | 382 |
| C01 | 60 | ++ | 90 | 62 | 86 | 53 | 62 | 81 | 55 | 78 | 74 | 67 | 72 | 65 | 82 | 70 | 61 | 44 | 78 | 71 | 59 | 51 | 67 | 4 | 72 | 67 | 72 | 72 | 68 | 75 | C01 | 423 | 375 |
| C02 | 58 | 85 | ++ | 70 | 89 | 66 | 70 | 90 | 61 | 70 | 68 | 66 | 69 | 56 | 86 | 74 | 78 | 44 | 82 | 80 | 70 | 53 | 64 | 2 | 82 | 67 | 81 | 68 | 68 | 79 | C02 | 407 | 392 |
| C03 | 48 | 69 | 58 | ++ | 73 | 52 | 59 | 56 | 58 | 48 | 57 | 51 | 51 | 57 | 58 | 54 | 56 | 35 | 60 | 57 | 48 | 42 | 50 | 5 | 54 | 57 | 48 | 61 | 56 | 57 | C03 | 473 | 394 |
| C04 | 58 | 92 | 87 | 66 | ++ | 64 | 65 | 73 | 72 | 79 | 79 | 68 | 55 | 82 | 85 | 72 | 67 | 41 | 74 | 71 | 61 | 58 | 67 | 1 | 79 | 74 | 79 | 70 | 71 | 74 | C04 | 404 | 412 |
| C05 | 64 | 62 | 68 | 48 | 74 | ++ | 70 | 89 | 73 | 57 | 62 | 63 | 52 | 65 | 63 | 66 | 60 | 44 | 72 | 54 | 56 | 57 | 63 | 1 | 65 | 47 | 62 | 72 | 72 | 67 | C05 | 436 | 402 |
| C06 | 67 | 64 | 72 | 52 | 79 | 75 | ++ | 71 | 79 | 75 | 67 | 65 | 65 | 77 | 75 | 67 | 62 | 47 | 65 | 59 | 59 | 48 | 75 | 5 | 66 | 57 | 81 | 74 | 66 | 73 | C06 | 418 | 368 |
| C08 | 64 | 64 | 71 | 53 | 83 | 86 | 79 | ++ | 72 | 73 | 80 | 55 | 63 | 82 | 67 | 70 | 70 | 45 | 73 | 68 | 57 | 56 | 71 | 1 | 71 | 63 | 79 | 76 | 70 | 78 | C08 | 438 | 369 |
| C09 | 64 | 76 | 70 | 48 | 68 | 82 | 92 | 74 | ++ | 63 | 69 | 74 | 77 | 77 | 75 | 67 | 73 | 47 | 75 | 73 | 61 | 65 | 69 | 2 | 66 | 63 | 69 | 86 | 70 | 75 | C09 | 472 | 414 |
| C10 | 73 | 81 | 69 | 54 | 80 | 67 | 80 | 91 | 64 | ++ | 66 | 60 | 55 | 56 | 72 | 55 | 59 | 44 | 55 | 53 | 54 | 53 | 68 | 1 | 60 | 53 | 77 | 70 | 57 | 74 | C10 | 436 | 389 |
| C11 | 55 | 74 | 75 | 53 | 64 | 68 | 67 | 71 | 71 | 77 | ++ | 50 | 64 | 88 | 67 | 69 | 62 | 41 | 64 | 62 | 50 | 53 | 64 | 3 | 71 | 61 | 65 | 74 | 66 | 70 | C11 | 432 | 382 |
| C12 | 77 | 71 | 71 | 52 | 76 | 80 | 84 | 64 | 75 | 68 | 60 | ++ | 58 | 58 | 71 | 64 | 60 | 39 | 63 | 63 | 51 | 43 | 70 | 2 | 66 | 61 | 72 | 68 | 63 | 64 | C12 | 373 | 394 |
| C13 | 56 | 67 | 74 | 56 | 67 | 63 | 70 | 76 | 72 | 83 | 68 | 49 | ++ | 82 | 69 | 69 | 61 | 44 | 62 | 62 | 59 | 47 | 68 | 1 | 65 | 59 | 62 | 74 | 67 | 76 | C13 | 425 | 420 |
| C14 | 61 | 79 | 68 | 41 | 80 | 66 | 90 | 82 | 88 | 58 | 71 | 66 | 67 | ++ | 73 | 70 | 66 | 49 | 70 | 65 | 51 | 61 | 75 | 2 | 74 | 63 | 69 | 78 | 72 | 74 | C14 | 477 | 405 |
| E02 | 59 | 82 | 89 | 58 | 81 | 71 | 78 | 67 | 70 | 80 | 65 | 72 | 70 | 70 | ++ | 68 | 64 | 39 | 71 | 72 | 64 | 55 | 72 | 2 | 64 | 68 | 74 | 74 | 63 | 81 | E02 | 395 | 357 |
| E03 | 57 | 72 | 71 | 54 | 81 | 73 | 68 | 74 | 68 | 66 | 67 | 63 | 67 | 75 | 72 | ++ | 62 | 42 | 72 | 59 | 56 | 57 | 65 | 1 | 71 | 59 | 67 | 73 | 65 | 68 | E03 | 469 | 422 |
| E04 | 50 | 63 | 67 | 44 | 64 | 63 | 59 | 69 | 67 | 58 | 58 | 55 | 61 | 68 | 57 | 60 | ++ | 44 | 72 | 62 | 52 | 55 | 59 | 3 | 66 | 64 | 64 | 68 | 58 | 69 | E04 | 445 | 424 |
| E05 | 55 | 65 | 65 | 43 | 62 | 56 | 68 | 64 | 69 | 64 | 61 | 62 | 56 | 68 | 56 | 56 | 53 | ++ | 44 | 42 | 34 | 38 | 47 | 4 | 43 | 36 | 47 | 45 | 44 | 48 | E05 | 353 | 309 |
| E06 | 61 | 78 | 80 | 57 | 81 | 68 | 64 | 73 | 69 | 63 | 62 | 66 | 67 | 68 | 75 | 72 | 65 | 59 | ++ | 68 | 57 | 53 | 66 | 2 | 68 | 64 | 74 | 73 | 65 | 65 | E06 | 434 | 389 |
| S01 | 65 | 80 | 83 | 56 | 72 | 58 | 65 | 61 | 75 | 63 | 66 | 63 | 65 | 74 | 76 | 67 | 56 | 62 | 72 | ++ | 45 | 56 | 60 | 2 | 62 | 66 | 67 | 67 | 66 | 64 | S01 | 511 | 382 |
| S02 | 43 | 57 | 53 | 38 | 61 | 58 | 61 | 49 | 62 | 57 | 44 | 45 | 52 | 55 | 59 | 56 | 44 | 47 | 51 | 53 | ++ | 37 | 52 | 5 | 52 | 47 | 54 | 63 | 56 | 61 | S02 | 446 | 420 |
| S03 | 37 | 50 | 55 | 40 | 51 | 52 | 53 | 53 | 50 | 47 | 48 | 46 | 52 | 54 | 47 | 47 | 44 | 43 | 47 | 44 | 35 | ++ | 55 | 2 | 49 | 40 | 47 | 57 | 50 | 54 | S03 | 395 | 332 |
| S04 | 50 | 59 | 57 | 40 | 57 | 65 | 65 | 63 | 69 | 72 | 52 | 58 | 59 | 63 | 61 | 55 | 52 | 57 | 59 | 53 | 40 | 46 | ++ | 12 | 65 | 60 | 71 | 69 | 66 | 73 | S04 | 366 | 382 |
| S06 | 1 | 3 | 1 | 2 | 2 | 6 | 5 | 3 | 3 | 3 | 3 | 1 | 1 | 5 | 0 | 2 | 1 | 6 | 5 | 0 | 2 | 0 | 7 | ++ | 0 | 2 | 2 | 5 | 0 | 4 | S06 | 499 | 376 |
| W01 | 57 | 76 | 77 | 49 | 74 | 73 | 71 | 71 | 71 | 63 | 68 | 65 | 66 | 71 | 69 | 73 | 61 | 62 | 66 | 62 | 53 | 47 | 55 | 1 | ++ | 55 | 62 | 70 | 66 | 73 | W01 | 442 | 410 |
| W02 | 58 | 73 | 64 | 58 | 69 | 52 | 55 | 57 | 55 | 56 | 52 | 63 | 56 | 65 | 66 | 55 | 51 | 49 | 65 | 61 | 39 | 49 | 48 | 1 | 53 | ++ | 62 | 73 | 61 | 68 | W02 | 417 | 380 |
| W03 | 66 | 73 | 83 | 56 | 81 | 68 | 84 | 80 | 76 | 84 | 63 | 79 | 60 | 70 | 82 | 75 | 64 | 64 | 67 | 66 | 54 | 51 | 66 | 3 | 69 | 59 | ++ | 70 | 59 | 76 | W03 | 408 | 422 |
| W04 | 65 | 76 | 71 | 54 | 75 | 71 | 76 | 81 | 79 | 75 | 74 | 70 | 76 | 85 | 72 | 73 | 73 | 66 | 76 | 74 | 59 | 54 | 62 | 1 | 68 | 64 | 73 | ++ | 76 | 74 | W04 | 398 | 435 |
| W05 | 61 | 73 | 69 | 46 | 76 | 71 | 70 | 68 | 76 | 62 | 67 | 68 | 70 | 73 | 65 | 67 | 59 | 56 | 65 | 67 | 52 | 50 | 60 | 3 | 69 | 61 | 66 | 79 | ++ | 70 | W05 | 411 | 417 |
| W06 | 66 | 73 | 76 | 57 | 75 | 71 | 79 | 76 | 82 | 75 | 68 | 70 | 75 | 73 | 76 | 70 | 71 | 58 | 68 | 66 | 61 | 52 | 63 | 1 | 68 | 64 | 79 | 81 | 72 | ++ | W06 | 384 | 397 |
| ANT | C00 | C01 | C02 | C03 | C04 | C05 | C06 | C08 | C09 | C10 | C11 | C12 | C13 | C14 | E02 | E03 | E04 | E05 | E06 | S01 | S02 | S03 | S04 | S06 | W01 | W02 | W03 | W04 | W05 | W06 | ANT | 130P | 175P |