| EMIFINE CHALLEINGE 2008 |               |             |   |  |  |
|-------------------------|---------------|-------------|---|--|--|
| Frequency (MHz)         | Authority     | Description | Remarks                                       |  |  |
| 40.2500                 | N60530        | VHF/FM      | 715 ELSG                                      |  |  |
| 139.7000                | ACNTC RFA-202 | VHF/AM      | 715 ELSG                                      |  |  |
| 255.8750                | Annex E5      | UHF/AM      | 715 ELSG                                      |  |  |
| 283.8250                | Annex E5      | UHF/AM      | 715 ELSG                                      |  |  |
| 305.3750                | Annex E5      | UHF/AM      | 715 ELSG                                      |  |  |
| 1443.1670               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1456.5000               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1468.8330               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1483.1670               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1496.5000               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1509.8330               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1763.1670               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1776.5000               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1789.8330               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1803.1660               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1815.1670               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1828.5000               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 1841.8330               | N60530        | UHF/TTNT    | Airborne Common Use - Consult Network Manager |  |  |
| 235.2750                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 251.7750                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 257.4250                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 270.9750                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 276.2750                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 281.6750                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 290.1250                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 302.3750                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 314.4250                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 341.8750                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 355.4750                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 369.3250                | Annex E5      | UHF/AM      | Airborne Common Use - Refer to SPINS          |  |  |
| 378.7250                | Annex E5      | UHF         | Airborne Common Use - Refer to SPINS          |  |  |
| 413.4000                | (1)           | UHF/FM      | ASTOR Ground Coordination (LMR)               |  |  |
| 148.9750                |               | VHF/AM      | AWACS   |  |  |
| 41.7250                 | N60530        | VHF/FM      | Canadian Contingent                           |  |  |
| 75.0000                 |               | VHF/FM      | Canadian Contingent                           |  |  |
| 240.2750                | Annex E5      | UHF/AM      | Canadian Contingent                           |  |  |
|                         | Annex E5      | UHF/AM      | Canadian Contingent                           |  |  |
| 265.8000                | Annex E5      | UHF/AM      | CAOC Primary (C/S - HARRODS)                  |  |  |
| 10287.0000              | N60530        | SHF/X-BAND  | CDL - D/L                                     |  |  |
| 14470.0000              | N60530        | SHF/Ku-BAND | CDL - D/L                                     |  |  |

| 14615.0000 N60530       SHF/Ku-BAND       CDL - D/L         14760.0000 N60530       SHF/Ku-BAND       CDL - D/L         9850.0000 N60530       SHF/X-BAND       CDL - U/L         15185.0000 N60530       SHF/Ku-BAND       CDL - U/L         15215.0000 N60530       SHF/Ku-BAND       CDL - U/L         407.0000 (1)       UHF       DTRA         412.0000 (1)       UHF       DTRA         414.0000 (1)       UHF       DTRA         418.0000 (1)       UHF       DTRA         288.4750 Annex E5       UHF/AM       EA Contact |  |
|---|--|
| 9850.0000         N60530         SHF/X-BAND         CDL - U/L           15185.0000         N60530         SHF/Ku-BAND         CDL - U/L           15215.0000         N60530         SHF/Ku-BAND         CDL - U/L           15250.0000         N60530         SHF/Ku-BAND         CDL - U/L           407.0000         (1)         UHF         DTRA           412.0000         (1)         UHF         DTRA           414.0000         (1)         UHF         DTRA           418.0000         (1)         UHF         DTRA       |  |
| 15185.0000         N60530         SHF/Ku-BAND         CDL - U/L           15215.0000         N60530         SHF/Ku-BAND         CDL - U/L           15250.0000         N60530         SHF/Ku-BAND         CDL - U/L           407.0000         (1)         UHF         DTRA           412.0000         (1)         UHF         DTRA           414.0000         (1)         UHF         DTRA           418.0000         (1)         UHF         DTRA   |  |
| 15215.0000         N60530         SHF/Ku-BAND         CDL - U/L           15250.0000         N60530         SHF/Ku-BAND         CDL - U/L           407.0000         (1)         UHF         DTRA           412.0000         (1)         UHF         DTRA           414.0000         (1)         UHF         DTRA           418.0000         (1)         UHF         DTRA   |  |
| 15250.0000 N60530 SHF/Ku-BAND CDL - U/L 407.0000 (1) UHF DTRA 412.0000 (1) UHF DTRA 414.0000 (1) UHF DTRA 418.0000 (1) UHF DTRA   |  |
| 407.0000 (1) UHF DTRA 412.0000 (1) UHF DTRA 414.0000 (1) UHF DTRA 418.0000 (1) UHF DTRA   |  |
| 412.0000 (1) UHF DTRA 414.0000 (1) UHF DTRA 418.0000 (1) UHF DTRA   |  |
| 414.0000 (1) UHF DTRA<br>418.0000 (1) UHF DTRA  |  |
| 418.0000 (1) UHF DTRA   |  |
|   |  |
| 288.4750 Annex E5 UHF/AM EA Contact   |  |
|   |  |
| 139.2000 ACNTC RFA-202 VHF/FM EC08 C2   |  |
| 142.7000 ACNTC RFA-202 VHF/FM EC08 C2   |  |
| 273.3250 Annex E5 UHF/AM EC08 C2  |  |
| 278.1250 Annex E5 UHF/AM EC08 C2  |  |
| 294.8250 Annex E5 UHF/AM EC08 C2  |  |
| 123.1250 AF888512 VHF/AM Edwards AFB Approves / Raytheon License 09CB5E   |  |
| 123.1500 AF888513 VHF/AM Edwards AFB Approves / Raytheon License 09CB5F   |  |
| 422.7500 N60530 UHF EPLRS   |  |
| 425.7500 N60530 UHF EPLRS   |  |
| 427.7500 N60530 UHF EPLRS   |  |
| 428.7500 N60530 UHF EPLRS   |  |
| 430.7500 N60530 UHF EPLRS   |  |
| 431.7500 N60530 UHF EPLRS   |  |
| 432.7500 N60530 UHF EPLRS   |  |
| 434.7500 N60530 UHF EPLRS   |  |
| 435.7500 N60530 UHF EPLRS   |  |
| 437.7500 N60530 UHF EPLRS   |  |
| 440.7500 N60530 UHF EPLRS   |  |
| 442.7500 N60530 UHF EPLRS   |  |
| 443.7500 N60530 UHF EPLRS   |  |
| 445.7500 N60530 UHF EPLRS   |  |
| 446.7500 N60530 UHF EPLRS   |  |
| 447.7500 N60530 UHF EPLRS   |  |
| 274.9750 Annex E5 UHF Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)  |  |
| 311.2500 Annex E5 UHF Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)  |  |
| 354.5250 Annex E5 UHF Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)  |  |
| 405.0000 (1) UHF Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)   |  |
| 410.0000 (1) UHF Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)   |  |
| 415.0000 (1) UHF Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)   |  |
| 4450.0000 AR900775 SHF/C-BAND Harris Radio Link (Potts Peak to Mich Lab)  |  |
| 4500.0000 AR900773 SHF/C-BAND Harris Radio Link (Potts Peak to Mich Lab)  |  |

|               |                | <b>E</b> 100     | FIRE CHALLENGE 2006                                |
|---------------|----------------|------------------|--|
| 4700.0000     | AR910192       | SHF/C-BAND       | Harris Radio Link (Potts Peak to Mich Lab)         |
| 298.2250      | Annex E5       | UHF/AM           | JSTARS Ground Coordination                         |
| 16950.0000    | N60530         | SHF/Ku-BAND      | P-3 LSRS   |
| 38.2500       | N60530         | VHF/FM           | Paul Revere  |
| 140.2000      | N60530         | VHF/AM           | Paul Revere  |
| 237.1750      | Annex E5       | UHF/AM           | Paul Revere  |
| 361.0750      | Annex E5       | UHF/AM           | Paul Revere  |
| 143.1750      | N60530         | VHF/AM           | PMA-231  |
| 253.9250      | Annex E5       | UHF/AM           | PMA-231  |
| 378.3250      | Annex E5       | UHF/AM           | PMA-231  |
| 10250.0000    | N60530         | SHF/X-BAND       | PMA-231 (NanoSAR Center Frequency)                 |
| 1724.0000     | (1)            | UHF              | PMA-231/VRC-99 (Primary)                           |
| 1716.0000     | (1)            | UHF              | PMA-231/VRC-99 (Secondary)                         |
| G1.71-G1.85   |                | SHF/L-BAND       | ROVER  |
| G2.30-G2.5    |                | SHF/S-BAND       | ROVER  |
| G4.40-G5.0    |                | SHF/C-BAND       | ROVER  |
| G5.25-G5.85   |                | SHF/C-BAND       | ROVER  |
| 9760.0000     | (1)            | SHF/X-BAND       | Sentinal/ASTOR CDL Link                            |
| 9860.0000     | (1)            | SHF/X-BAND       | Sentinal/ASTOR CDL Link                            |
| 10260.0000    | (1)            | SHF/X-BAND       | Sentinal/ASTOR CDL Link                            |
| 10360.0000    | (1)            | SHF/X-BAND       | Sentinal/ASTOR CDL Link                            |
| 265.8500      | Annex E5       | UHF/AM           | Sentinel/ASTOR (MOD UK)                            |
| 279.3750      | Annex E5       | UHF/AM           | Sentinel/ASTOR (MOD UK)                            |
| 141.3500      | ACNTC RFA-202  | VHF/AM           | SPARTA   |
| 267.6500      | Annex E5       | UHF/AM           | SPARTA   |
| G9.02 - G9.28 | Part 15 Device | SHF              | UAS C2   |
| 5280.0000     | N60530         | SHF/C-BAND       | UAS C2 / Orange Card                               |
| 5420.0000     | N60530         | SHF/C-BAND       | UAS C2 / Orange Card                               |
| 5775.0000     | N60530         | SHF/C-BAND       | UAS C2 / Orange Card                               |
| 5830.0000     | N60530         | SHF/C-BAND       | UAS C2 / Orange Card                               |
| 5260.0000     | N60530         | SHF/C-BAND       | UAS C2 / Yellow Card                               |
| 5400.0000     | N60530         | SHF/C-BAND       | UAS C2 / Yellow Card                               |
| 5710.0000     | N60530         | SHF/C-BAND       | UAS C2 / Yellow Card                               |
| 5810.0000     | N60530         | SHF/C-BAND       | UAS C2 / Yellow Card                               |
| 464.5000      | FCC License    | UHF              | UAS GOLDEN EYE (AURORA)                            |
| 464.5500      | FCC License    | UHF              | UAS GOLDEN EYE (AURORA)                            |
| 469.5000      | FCC License    | UHF              | UAS GOLDEN EYE (AURORA)                            |
| 469.5500      | FCC License    | UHF              | UAS GOLDEN EYE (AURORA)                            |
| 3480.0000     | (1)            | SHF/S-BAND       | UWB - 550MHz wide channel centered on frequency    |
| 4040.0000     | . ,            | SHF/C-BAND       | UWB - 550MHz wide channel centered on frequency    |
| 4560.0000     |                | SHF/C-BAND       | UWB - 550MHz wide channel centered on frequency    |
| 6120.0000     |                | SHF/C-BAND       | UWB - 550MHz wide channel centered on frequency    |
| 3120.0000     | ( · /          | OI II /O D/ (IND | 15.12 Cooming what charmed controlled on needledby |

| 6969.0000 | (1)           | SHF/C-BAND | UWB - 550MHz wide channel centered on frequency |
|-----------|---------------|------------|---|
| 2.5400    | ACNTC RFA-202 | HF         |   |
| 2.8160    | ACNTC RFA-202 | HF         |   |
| 3.2050    | ACNTC RFA-202 | HF         |   |
| 3.3450    | ACNTC RFA-202 | HF         |   |
| 4.6415    | ACNTC RFA-202 | HF         |   |
| 4.9100    | ACNTC RFA-202 | HF         |   |
| 5.2835    | ACNTC RFA-202 | HF         |   |
| 5.5150    | ACNTC RFA-202 | HF         |   |
| 6.8765    | ACNTC RFA-202 | HF         |   |
| 6.9855    | ACNTC RFA-202 | HF         |   |
|           |               |            |   |
|           |               |            |   |
|           |               |            |   |

### **CLSMO COMMENTS:**

<sup>(1)</sup> MCEB Publication 7-11 Authority. Frequencies have been surveyed from a center point at ECR out to 120 km's. No record of assignments or interference exists.

<sup>(2)</sup> FCC PART 15 rules apply. Power output not to exceed 1 Watt. User accepts responsibility for interference or loss of system(s)