

For Official Use Only  
EMPIRE CHALLENGE 2008

Frequency (MHz)	Authority	Description		Remarks
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		
38.2500	N60530	VHF/FM		Paul Revere
40.2500	N60530	VHF/FM		715 ELSG
41.7250	N60530	VHF/FM		Canadian Contingent
75.0000	N60530	VHF/FM		Canadian Contingent
123.1250	AF888512	VHF/AM		Edwards AFB Approves / Raytheon License 09CB5E
123.1500	AF888513	VHF/AM		Edwards AFB Approves / Raytheon License 09CB5F
139.2000	ACNTC RFA-202	VHF/FM		EC08 C2
139.7000	ACNTC RFA-202	VHF/AM		715 ELSG
140.2000	N60530	VHF/AM		Paul Revere
141.3500	ACNTC RFA-202	VHF/AM		SPARTA
142.7000	ACNTC RFA-202	VHF/FM		EC08 C2
143.1750	N60530	VHF/AM		PMA-231
148.9750	N60530	VHF/AM		AWACS
235.2750	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
237.1750	Annex E5	UHF/AM		Paul Revere
240.2750	Annex E5	UHF/AM		Canadian Contingent
251.7750	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
253.9250	Annex E5	UHF/AM		PMA-231
255.8750	Annex E5	UHF/AM		715 ELSG
257.4250	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
265.8000	Annex E5	UHF/AM		CAOC Primary (C/S - HARRODS)
265.8500	Annex E5	UHF/AM		Sentinel/ASTOR (MOD UK)
267.6500	Annex E5	UHF/AM		SPARTA
270.9750	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
273.3250	Annex E5	UHF/AM		EC08 C2
274.9750	Annex E5	UHF		Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)
276.2750	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
278.1250	Annex E5	UHF/AM		EC08 C2
279.3750	Annex E5	UHF/AM		Sentinel/ASTOR (MOD UK)
281.6750	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS

For Official Use Only  
**EMPIRE CHALLENGE 2008**

283.8250	Annex E5	UHF/AM		715 ELSG
288.4750	Annex E5	UHF/AM		EA Contact
290.1250	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
294.8250	Annex E5	UHF/AM		EC08 C2
298.2250	Annex E5	UHF/AM		JSTARS Ground Coordination
302.3750	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
305.3750	Annex E5	UHF/AM		715 ELSG
311.2500	Annex E5	UHF		Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)
314.4250	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
324.7250	Annex E5	UHF/AM		Canadian Contingent
341.8750	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
354.5250	Annex E5	UHF		Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)
355.4750	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
361.0750	Annex E5	UHF/AM		Paul Revere
369.3250	Annex E5	UHF/AM		Airborne Common Use - Refer to SPINS
378.3250	Annex E5	UHF/AM		PMA-231
378.7250	Annex E5	UHF		Airborne Common Use - Refer to SPINS
405.0000	(1)	UHF		Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)
407.0000	(1)	UHF		DTRA
410.0000	(1)	UHF		Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)
412.0000	(1)	UHF		DTRA
413.4000	(1)	UHF/FM		ASTOR Ground Coordination (LMR)
414.0000	(1)	UHF		DTRA
415.0000	(1)	UHF		Harris Radio Link (Potts Peak to ECR) (5 MHz Wide)
418.0000	(1)	UHF		DTRA
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
464.5000	FCC License	UHF		UAS GOLDEN EYE (AURORA)

For Official Use Only  
**EMPIRE CHALLENGE 2008**

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)
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
1716.0000	(1)	UHF		PMA-231/VRC-99 (Secondary)
1724.0000	(1)	UHF		PMA-231/VRC-99 (Primary)
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
3480.0000	(1)	SHF/S-BAND		UWB - 550MHz wide channel centered on frequency
4040.0000	(1)	SHF/C-BAND		UWB - 550MHz wide channel centered on frequency
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)
4560.0000	(1)	SHF/C-BAND		UWB - 550MHz wide channel centered on frequency
4700.0000	AR910192	SHF/C-BAND		Harris Radio Link (Potts Peak to Mich Lab)
5260.0000	N60530	SHF/C-BAND		UAS C2 / Yellow Card
5280.0000	N60530	SHF/C-BAND		UAS C2 / Orange Card
5400.0000	N60530	SHF/C-BAND		UAS C2 / Yellow Card
5420.0000	N60530	SHF/C-BAND		UAS C2 / Orange Card
5710.0000	N60530	SHF/C-BAND		UAS C2 / Yellow Card
5775.0000	N60530	SHF/C-BAND		UAS C2 / Orange Card
5810.0000	N60530	SHF/C-BAND		UAS C2 / Yellow Card
5830.0000	N60530	SHF/C-BAND		UAS C2 / Orange Card
6120.0000	(1)	SHF/C-BAND		UWB - 550MHz wide channel centered on frequency
6969.0000	(1)	SHF/C-BAND		UWB - 550MHz wide channel centered on frequency
9760.0000	(1)	SHF/X-BAND		Sentinal/ASTOR CDL Link
9850.0000	N60530	SHF/X-BAND		CDL - U/L
9860.0000	(1)	SHF/X-BAND		Sentinal/ASTOR CDL Link
10250.0000	N60530	SHF/X-BAND		PMA-231 (NanoSAR Center Frequency)
10260.0000	(1)	SHF/X-BAND		Sentinal/ASTOR CDL Link
10287.0000	N60530	SHF/X-BAND		CDL - D/L
10360.0000	(1)	SHF/X-BAND		Sentinal/ASTOR CDL Link
14470.0000	N60530	SHF/Ku-BAND		CDL - D/L

For Official Use Only  
**EMPIRE CHALLENGE 2008**

14615.0000	N60530	SHF/Ku-BAND		CDL - D/L
14760.0000	N60530	SHF/Ku-BAND		CDL - D/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
16950.0000	N60530	SHF/Ku-BAND		P-3 LSRS
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
G9.02 - G9.28	Part 15 Device	SHF		UAS C2

**CLSMO COMMENTS:**

(1) 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.

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