

OPERATIONS ORDER 001-08_SS_OKRally

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250800April 2008

ANNEX A (SIGNAL OPERATING INSTRUCTIONS - SOI) TO OPORD 001-08_SS_OKRally

Definitions:

250800April 2008: the date; 25th day, 0800 hours (CST, GMT-6), April 2008

AO: Area of Operations, the D-Day park.

NCS: Net Control Station, who you call in an emergency or to pass traffic to someone at the TOC.

TOC: Tactical Command Center, HQ, or, the main campsite, depending on how you look at it.

Detachment: One or more vehicles or individuals going out of sight on trails.

- 1) SITUATION. See OPORD.
- 2) MISSION. To provide reliable and effective communications in support of safety and security objectives of the mission.
- 3) EXECUTION.
 - a) Net Control Station (NCS) will be established and on the air NLT 252000 Apr 08.
 - b) Only designated call signs identified in ADDENDUM 1 TO ANNEX A will be used for communication with NCS/TOC. Changes or additions will only be made by NCS. Call signs will not change during the event.
 - c) Authentication will not be enforced during this event.
 - d) Each detachment will carry a minimum of one radio set. The operator is designated the safety officer of the detachment.
 - e) Each detachment will carry a GPS if available.
 - f) For communication between the AO and NCS, It is the responsibility of the safety officer of each detachment to ensure the detachment radio is monitored at all times when away from the TOC.
 - g) Within each detachment's immediate AO, any means of communication may be used.
 - h) Emergency radio traffic will be preceded with the proword "tango tango tango". Other traffic on frequency will cease to allow emergency traffic. Emergency traffic will be coordinated through the TOC or NCS. Minimum criteria for an emergency is an imminent risk to property or health.
 - i) Channel assignments will be IAW ADDENDUM 2 TO ANNEX A. Any changes must be coordinated through NCS.

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- j) All stations will use good radiotelephone procedures at all times. NCS will be responsible for monitoring and enforcement.

4) LOGISTICS

- a) Personnel will supply their own radio equipment.
- b) Amateur radios, FRS, MURS, and CB radios will be accommodated in the net.
- c) This is a “come as you are” communication plan. The TOC will (attempt to) coordinate radio traffic to everyone’s best advantage.
 - i) One CB channel
 - ii) One 6-meter FM wideband frequency on 50KHz spacing
 - iii) One low-band VHF (PRC-77/RT524) frequency around 49 MHz
 - iv) One 2-meter frequency and one MURS channel
 - v) One 70cm frequency and one shared GMRS/FRS channel
- d) Upon arrival, those with radios will check in to the TOC for frequency coordination.
- e) When not communicating with the TOC, radio users may use whatever they deem suitable.
- f) Radio users are individually responsible for compliance with FCC regulations.

5) COMMAND AND SIGNAL

- 6) A list of hand-held radio channels and ham frequencies to be used for communicating with the TOC will be posted NLT 260800 Apr 08.
- 7) The SOI Extract will expire at 272000 APR 08.
- 8) A COMNET will be open and monitored for the duration of the event. Appropriate net logs will be not be maintained IAW SS Policy.

ACKNOWLEDGE.

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ADDENDUM 1 (CALL SIGNS) TO ANNEX A (SOI) TO OPORD 001-08_SS_OKRally

The following call signs will be used IAW ANNEX A.

| | |
|---------------------------|---|
| NCS | Net Control |
| Medic | Medic |
| Detachments / Individuals | “handle” / last name / FCC ham callsign |

ADDENDUM 2 (CHANNEL MATRIX) TO ANNEX A (SOI) TO OPORD 001-08_SS_OKRally

The following channel frequency matrix will be used IAW ANNEX A.

| USE | Service | Mode** | Priority | MHz Freq. | KHz Spacing | KHz Bandwidth | Watts |
|----------|---------------|--------|-----------|-----------|-------------|---------------|---------|
| Official | MURS CH 4 | FM | Primary | 154.5700 | 25 | 20 | 2 |
| Official | MURS CH 5 | FM | Secondary | 154.6000 | 25 | 20 | 2 |
| Official | FRS 1* (GMRS) | FM | Primary | 462.5625 | 15 | <5 | 0.5 (5) |
| Official | FRS 2* (GMRS) | FM | Secondary | 462.5875 | 15 | <5 | 0.5 (5) |
| Official | CB CH 21 | AM | Primary | 27.2150 | 10 | 6 | 12 PEP |
| Official | CB CH 3 | AM | Secondary | 26.9850 | 10 | 6 | 12 PEP |
| Official | Ham 6 meters | FM | Primary | 53.0000 | 50 | <20 | 1500 |
| TBD | VHF Low Band | FM | Secondary | 43.7500 | 50 | <10 | 0.1 |
| Official | Ham 2 meters | FM | Primary | 147.5000 | 10 | <10 | 1500 |
| Official | Ham 2 meters | FM | Secondary | 146.4500 | 10 | <10 | 1500 |
| Official | Ham 70cM | FM | Primary | 446.0000 | 10 | <10 | 1500 |
| Official | Ham 70cM | FM | Secondary | 446.5000 | 10 | <10 | 1500 |

*Motorola channel numbering convention.

** No tone or digital privacy codes/squelch will be used while communicating with the NCS with the exception of PRC-25, PRC-77, PRC-68 radios. NCS will not transmit tones or digital codes except when communicating with PRC-25, PRC-77, PRC-68 radios.