

***** EXERCISE *****



Unit: YARS
LOC: DP22tn
DTG: 180808 1500Z

OPERATIONS ORDER: YARS 1/2008

Time Zone Used Throughout the Order: MDT (UTC -6) or "S"

1. SITUATION

VE8RH, Rees "Izzy" Store, a member of the Yellowknife Amateur Radio Society, has been reported missing. He was last reported having been seen at 220808 1700 S. His vehicle was noticed by the Municipal Enforcement Division (MED) parked in front of the Yellowknife Courthouse.

At 230808 0715 he called the MED and indicated that he was lost, cold, hungry and had injured his leg. He could not move. He indicated that he had no idea where he was but that there were some trees nearby. He said he has a fully charged 2 metre radio, but it is only capable of transmitting on 146.565 MHz (FM Simplex). He indicated that he would transmit periodically on this radio because the battery on his cell phone was about to go. His call then went dead. MED has no members who are amateur radio operators.

The City of Yellowknife has contacted YARS and asked it to detect any signals on 146.565 MHz and to direction find the location of those signals – presumably where VE8RH is located. Izzy may be using the call sign VE8YK and is transmitting at 5 Watts or less with an omni-directional antenna.

Once Izzy is located YARS is to inform the MED (through YARS Net Control), render emergency first aid if necessary and await the arrival of emergency services who will evacuate Izzy.

2. MISSION:

The Yellowknife Amateur Radio Society will find the location of Izzy through, report it to MED and render emergency first aid prior to evacuation.

3. EXECUTION

a. Plan:

- Detect signals on 146.565 MHz (FM Simplex)
- Direction Find and locate source of signals
- Report to MED (via Net Control) location
- Render emergency first aid
- Await evacuation
- Leave the scene

b. Phases

1. Deployment to Field
2. Location of VE8RH/First Aid/Evacuation
3. Deployment from the Field

c. End State:

When all participants are assembled at the QTH of VE8KC or checked out of the net.

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d. Coordinating Instructions

Time Schedule

Time	Event
12:30-1300	Assembly at Tim Hortons
1300-1330	Test gear/Fox moves to location
1330	Net Control Check in
1330-1430	First fox hunt (coordinated triangulation exercise)
1430	End First Fox hunt
1430-1500	Net control check in
1500	Coffee/Fox moves to new location/
1500-1630	Second fox hunt
1630	End of second hunt
1630-1700	Make way to Kate's QTH
1700-1730	Debrief
1800	BBQ

Foxes

First fox hunt – VE8WD

Second fox hunt – VE8IR

Map

Copies will be provided by VE8SS

4. SERVICE SUPPORT

a. General.

- (1) Location of the YARS primary administration point is at Tim Hortons.
- (2) Location of the YARS secondary administration point is at VE8KC's QTH (22 GOLD CITY COURT)
- (3) Location of the primary medical station is at the Stanton Territorial Hospital.

b. Material and Supply

(1) Supply:

Water and food may be obtained from local establishments.

Lunch should be carried along with snacks and water.

(2) Transportation:

Private motor vehicle or by foot.

(3) Services.

All participants should bring:

- Magnetic map compass
- GPS
- 2m transceiver (70 cm optional)
- Antennas, attenuators etc.
- Protractor or map roamer
- Appropriate clothing
- No. 1 NWT First Aid Kit
- Pencil (sharpened and that writes)

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CILANTRO	All participants may start search as the Fox is in place
TARRAGON	Fox is on the move
PARSLEY	Calling station requests Fox to transmit
CORRIANDER	All stations end search and report to the picnic area at Air Tindi (secondary administrative point)
TUMERIC	Calling station is lost
GINGER	Terminate exercise

3) Format for Bearing Report

A.	Callsign	IC c/s or tactical c/s if used
B.	Location	Descriptive, map coordinates or GPS coordinates
C.	Bearing to target	Magnetic or Grid (say which) – if a beam give the two extrema
D.	Method of Bearing	Say method
E.	Misc.	Anything else to report

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