

Scott County ARES

BASIC REFERENCE SHEET ("Orange Sheet")

Updated 04/20/07

Submit required changes or suggestion to
Bob Reid n0bhc@arrl.net

ARES CONTACT INFORMATION

- o MN SECTION MANAGER
Skip Jacksonl KSØJ
ksj@arrl.net
Home: 651-260-4330
- o MN SECTION EMERG. COORDINATOR
Frank W Karnauskas N1UW
n1uw@arrl.net
Home: 612-644-9174
- o DISTRICT 1, SE DISTRICT EC
Francine Franck KCØQVK
Home: 507-534-3461
- o DISTRICT 2, NE DISTRICT EC
Jerry VanDervort WDØGUF
wd@guf@arrl.net
Home: 218-741-9489
Cell: 218-742-1728
- o DISTRICT 3, NW DISTRICT EC
Bill Maat WØWKM
n0lah@wiktel.com
Home:
- o DISTRICT 4, WEST CENTRAL EC
Open
- o DISTRICT 5, SW DISTRICT EC
Open
- o DISTRICT 6, METRO EC
Ann Foster K0ANN
k0ann@arrl.net
Home: 612-788-4888
Cell: 612-267-0612

MINNESOTA STATE EOC / DEM

- o MN STATE DUTY OFFICER, STATE EOC
(staffed 24x7x365)
800-422-0798
651-649-5451
State EOC callsign: KØDEM
- o MN COMM & WARNING POINT OFFICER
Tom Cherney
tom.cherney@state.mn.us
(contact via MN State Duty Officer)

LOCAL CONTACT INFORMATION

- o Scott County Emergency Coordinator
Bob Reid NØBHC
952-894-5178 home
612-280-9328 portable

- o Scott County ARES Asst. E.C.s
Bob Minor WØNFE
952-894-2657 Home
612-910-0772 Portable
- o Daniel Vande Vusse NØPI
952-440-1878 Home
- o Scott County Sheriff 952-496-8300
Emergency Mgmt 952-496-8181
- o St. Francis Medical Center
Shakopee , MN
952-403-3000

EQUIPMENT (BASIC RESPONSE)

- o Credentials: FCC License, I.D. Cards, Driver License, vests, permit, sign, etc.
- o Notepad and pencil
- o Radio, antennas. Dual-band HT, mobile, HF, GPS, laptop, PDA, etc.
- o Sufficient power resources: battery(s), power supply, power strip, generator, power connections (Anderson Power Pole), etc.
- o Basic tools and parts.
- o Field Resource manual and related info.
- o Maps (city, county, state, etc).
- o Appropriate clothing for conditions.
- o Personal meds, aspirin, hygiene items.
- o Water, snacks/energy foods, etc.

OPERATING GUIDELINES

- o **Safety is first for you and your family.**
- o **Always follow your local written plan.**
- o Be knowledgeable in MN Incident Mgmt System (MIMS) as it relates to response, especially in mutual aid events.
- o Respond to designated staging location(s). Do not respond to specific on-scene locations unless direct to do so.
- o Keep vital information confidential. Refer news media to PIO or served agency (MIMS) representative.
- o Know your equipment, bring the manual
- o Speak clearly, plain language, no Q-codes.
- o Follow activation and calling-tree protocol. (see your local plan).
- o Assure you are signed/logged in for event.
- o Be professional. You represent the entire amateur radio community to public, served officials and agencies.
- o Follow instructions of NET control and public officials. Use proper NET procedure at all times. If conflicts arise, discuss off-air or after the event (debriefing).

STATEWIDE FREQUENCIES/AMATEUR

It is recommended to program the following frequencies into your radio for quick access.

VHF PHONE

VA	147.585	Victor Alpha (Pri)
VB	147.525	Victor Bravo
VC	147.495	Victor Charlie
VD	146.535	Victor Delta
VE	146.475	Victor Echo
VF	146.565	Victor Foxtrot
VG	146.595	Victor Golf

UHF PHONE

UA	440.975	Uniform Alpha
UB	440.925	Uniform Bravo
UC	440.875	Uniform Charlie
UD	440.825	Uniform Delta
UE	440.775	Uniform Echo
UF	440.725	Uniform Foxtrot
UG	440.675	Uniform Golf

PACKET

P1	145.67	State Network (Pri)
P2	145.01	State Network (Sec)
P3	145.07	9600-baud (Metro)
P4	145.05	TLAN (Minneapolis)
P5	145.69	MNSTP (St.Paul)
P6	145.03	TBD
P7	144.39	APRS (Nationwide)

HF PHONE

H1	3.860	Hotel One (Pri)
H2	7.260	Hotel Two (Sec)

HF CW

C1	3.710	Charlie One (Pri)
C2	7.060	Charlie Two (Sec)

HF DIGITAL

D1	3.625	Delta One (Pri)
D2	7.095	Delta Two (Sec)

FRS PHONE

FR1	462.5625	Fox Romeo One (Pri)
FR9	467.5875	Fox Romeo Niner (Sec)
FR14	467.7125	Fox Romeo Fourteen

LOCAL OPERATING FREQUENCIES

146.535 (s) Weekly Net Monday 7:00 PM

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Scott County ARES MEMBERS ONLY

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RADIOGRAM MESSAGE FORMATTING

PREAMBLE (I) :

Nr#: (assign a msg number for tracking)
Precedence: (R, W, P or Emergency)
HX: (handling instructions)
Station of Origin: (operator writing msg)
Check: (number of words/groups in text)
Place of Origin: (where msg is coming from)
Time Filed: (time msg written)
Date: (date msg written, should match time)

ADDRESS/ADDRESSEE (II) :

Name: (person or location name, title, etc)
Address: (street)
City/Zip: (location of addressee)
Phone: (include area code)

TEXT (III) :

Msg text here:

SIGNATURE (IV) :

Signature: (who is msg from? 3rd party name?)

Message Precedences:

R =Routine, **W** =Welfare, **P** =Priority
E =EMERGENCY (Emergency spelled out)

Message Handling Instructions:

HXA (followed by number) =Collect call delivery authorized by addressee within (x)-miles.
HXB (followed by number) =Cancel delivery if undeliverable within (x)-hours of filing time. Service msg back to station of origin.
HXC (report delivery time/date to sta.of origin.
HXD (report to sta.of origin the time/date and identity msg was rec'd from, and same for whom msg was sent/relayed to, and mode.
HXE (delivering sta. get reply from addressee, originate msg back).
HXF (followed by number) =hold msg until (date and/or time).
HXG (if unable to deliver msg without incurring expenses, cancel and service sta.of origin.

Message Check: (word count)

Check is count of all words and letter/number groups in msg text. "X-Ray" is a sentence separator and is counted as a word.
ARL precedes check/word count if ARL abbreviated msgs are used in text. The letter group "ARL" also precedes the ARL-number in text msg. (see written example).

ARL-NUMBERED RADIOGRAMS

A few examples:

ARL ONE =Everyone safe here. Do not worry.
ARL SIX =Will contact you ASAP.
ARL FIFTEEN =Please advise conditions and what help is needed.
ARL NINETEEN =Request health/welfare report on _____ (name/info, etc).
ARL TWENTY TWO =Need accurate info on extent/type of conditions at your location. Please reply ASAP.

RADIOGRAM WRITTEN EXAMPLE:

(Note: The following msg would be announced on net as "One Priority, Buffalo Lake").

Nr 6 P ARL 12 HXE KØDEM ST.PAUL,MN
0800Z JUN1

Red Cross ERV
Buffalo Lake MN
BT
ARL fifteen X have one ERV available X ARL
nineteen Mayor Smith
BT
John Doe
Disaster Svcs

PACKET COMMANDS

- o TNC software often utilizes host-mode commands. Various commands will vary.
- o Commands: (Node and BBS, Maildrop, etc)
 - N** =List nodes heard/available
 - J** =List stations heard on node.
 - MH** =List stations heard on your TNC.
 - C** =Connect X (X=callsign of node/station)
 - B** =Bye (disconnect from node/station)
 - S** =Send X (X=callsign of station). Used if connected to mailbox or BBS.
- o < Ctrl-C > puts your TNC in command mode.
- o **KØDEM** available via MAPLE node

SKYWARN

- o Reportable Conditions:
 - Hail** (any size)
 - Flooding** (non-ponding water)
 - Wall Cloud non-rotating** (watch 5-10 min, and report)
 - Wall Cloud rotating** (watch 1-3 min and report)
 - Funnel Cloud** (report immediately)
 - Tornado** (BREAK IN, report immediately)
- o **Primary 146.850- 147.210+**

INTERNET RESOURCES

o The following links are all available on Minnesota ARRL Web Page at:
<http://www.arrl.org/sections.MN.html>

MN Homeland Security Emerg. Mgmt:
<http://www.hsem.state.mn.us>

NOAA WEATHER (all regions):
<http://www.crh.noaa.gov/>

MN Repeater frequency list:
<http://www.artscipub.com/repeaters/states/Mnnesota.asp>

MN Emergency Packet Network info:
<http://www.14567.org>

HF NETS

- o MN SECTION PHONE NET
12-Noon, 5:30p Daily 7x365
3.860 Mhz LSB
- o MN SECTION CW NET
6:30p, 9:50p Daily 7x365
3.605 Mhz CW
- o 10th Region Phone Net
1:45p, 3:45p Daily 7x365
7.277.5 Mhz LSB

MARS

- o ARMY MARS
Neil Longenry 763-498-7197
- o NAVY-MARINE CORPS
Tim Isom 507-663-0416
- o AIR FORCE
Rob Larson 612-929-8454

MISC.

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