

Simulated Emergency Test 2016

2000L on Friday Sep 30, 2016 until
1200L on Sun Oct 2

WL2K and 2016 SET

SET Date and Time

The SET will commence at 2000L on Friday September 30, 2016 and will end at approximately 1200L on Sunday October 2, 2016.

Objectives

- A. To learn the inner workings of an NVIS system.
- B. To design, build and test an NVIS system of your choice (there are several designs available) and report the results. (You may already have one in place).
- C. To collect user data into a central repository for an overall Section analysis of available continuous HF connectivity during an actual Section wide disaster.
- D. Publish and distribute such a document to Section ECs for their use in a disaster.

Operations

The SET will be an exercise to see how well we can sustain operations across the entire Section. Winlink 2000, using the Winlink Express, formerly known as RMS Express, will be used for the following reasons:

- A. No need to continuously monitor the radio for connections. Every so often walk by and see if anyone has connected to your station .**
- B. One common mode from which to review and compare date points.

Stations will set their radios to 3.575 and/or 7.075MHz

Resources



Adobe Acrobat
Document

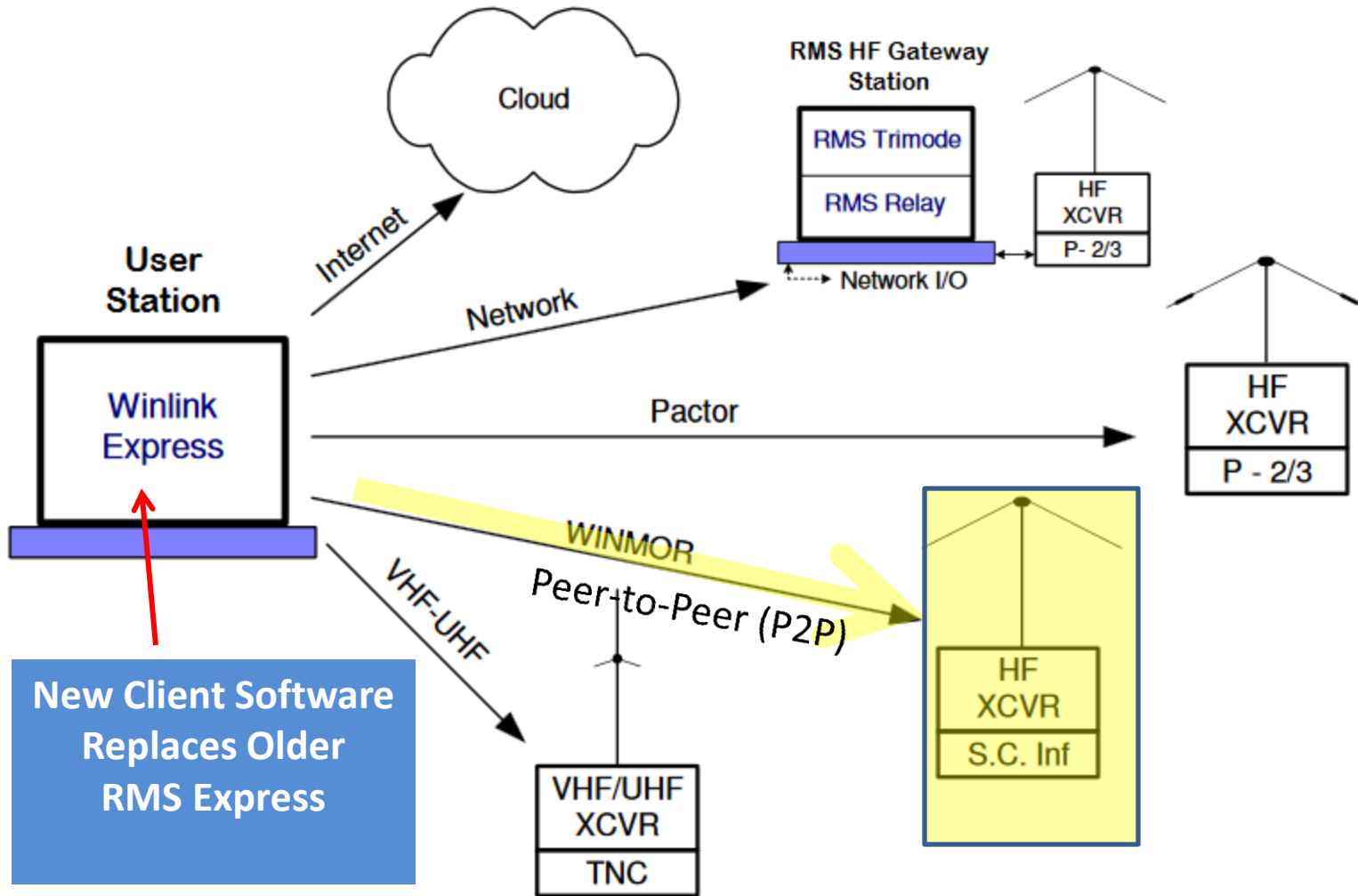
2016 SET Plan
V2.0



Adobe Acrobat
Document

80M/40M
NVIS Antenna

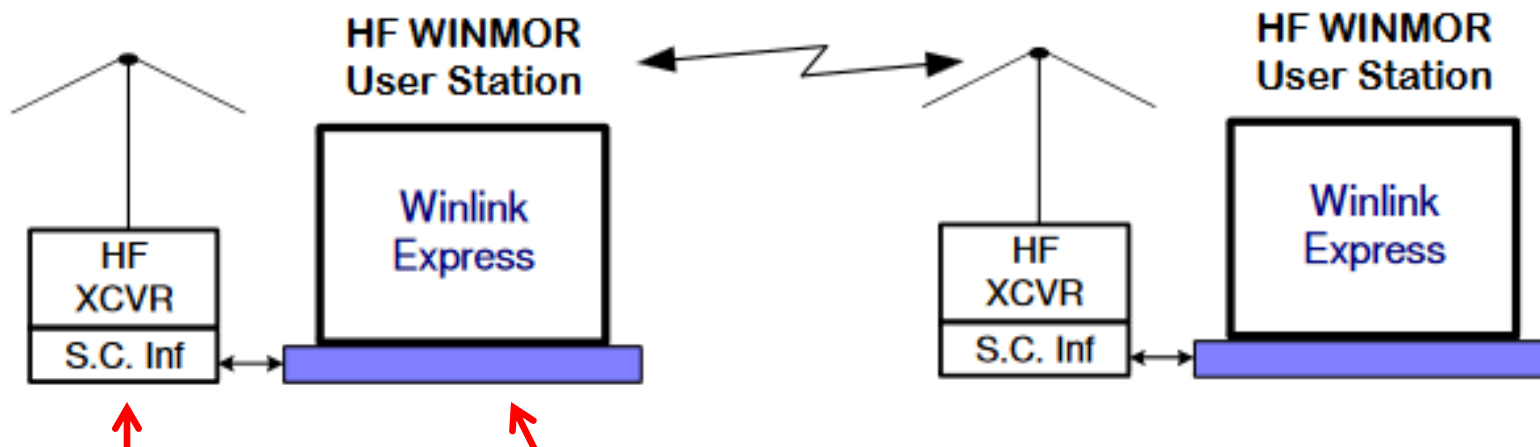
Winlink Client Capabilities



Basic HF Winmor Station

(If you can already operate PSK-31, you can operate WINMOR)

HF WINMOR Peer-to-Peer Operation



Sound Card Interface

- MFJ
- Signal Link
- RigBlaster
- home brew
- etc

Laptop or PC
Running Winlink
Express

Winlink Express System Requirements:
Microsoft-supported 32 or 64 bit Windows OS (Windows Vista, Windows 7, 8, 10 or Windows 2003 Server, or later, or under Windows on Apple Mac machines using a VM engine or dual boot arrangement. *Windows XP is not recommended or supported.*



- > My Account
- > Tools
- > News
- > Position Reports
- > Client Software
- > The Book of Knowledge

Get Winlink Express

The *only* client with **everything** Winlink offers.
Easy to set up, learn and use. Fully supported. *Free*.
Every ham needs email when the internet is down-- locally, regionally, or *everywhere!*
[Download the latest production release.](#)
Support the Winlink system: Register Winlink Express to get a registration key. [Go here.](#)

What is Winlink?

The Types, Paths and Modes of a Radio-Based Global Messaging System

Su Winlink

When you shop Amazon

Go to sm

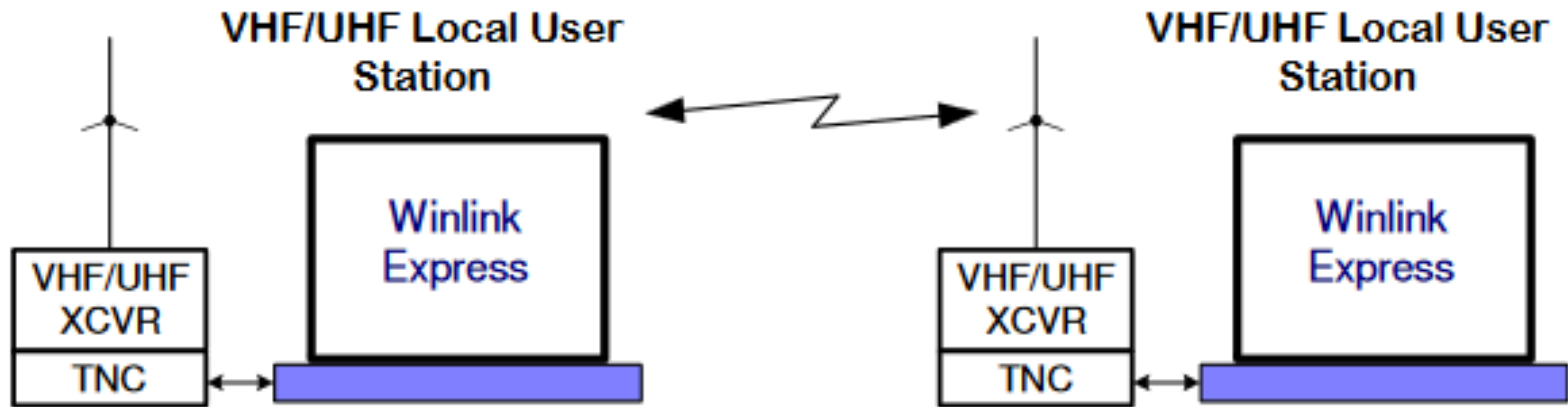
Network Station

- VK3OA OFFLINE till 2
- K5AEA 40 Meter Freq
- Back on the Air
- Computer Crash!

Winlink VHF/UHF Packet

Not necessary for SET but a Calvert AUXCOM objective to establish capability by all members

VHF/UHF Peer-to-Peer Operation



Terminal Node Controller
In KISS mode

Actions

- **Get a HF Winlink (i.e. Winmore using Winlink Express) up and running on 80M or 40M (and 10m if possible)**
- **If time permits, build & test a NVIS antenna**
- **Target week of Sep 26th to practice P2P within the county**
 - On 10M if station capability permits
 - Otherwise on 40M & 80M