

## NWS WESTERN REGION WES POLICY

### For NEW WES PCs Purchased in September 2006

This Western Region WES Policy document will be used for the set up of the new WES PCs purchased in September 2006, and will be based on the new national WES Implementation and Operating Plan (IOP). The national IOP guidelines will minimize upgrade issues and allow Western Region to tap into the new WES national support program provided by WDTB. Unless otherwise covered or altered in this regional WES policy document, all offices should abide by the National WES IOP and the current NWS WR Supplement 06-2003: WES Implementation and Operations Policy – Western Region. Each WFO received a new WES PC in September 2006 and two on site configuration options (see section C.) will only be supported regionally and nationally.

#### **A. Focal Points**

WRH SSD will assign the Regional WES Focal Point. Currently, Mark Mollner is filling this position.

The SOO/DOH and ITO at each WFO/RFC will act as co-WES Installation Focal Points for the purpose of administrating and assuring the WES program is carried out successfully. The SOO/DOH at each WFO/RFC will act as the WES Training Focal Point; a back up WES Training Focal Point will be left to office discretion.

#### **B. New WES Machine Setup**

Operating System: The new WES PC will use RHEL WS v4 update 3 or 4. You have two options;

Option One: transfer the license from your current WES box, if it has RHEL WS v4 update 3, or

Option Two: request a new RHEL WS v4 update 4 license from WRH.

You may keep your current RedHat4 update 3 license on your current WES box and request a new RHEL WS v4 update 4 license for the new WES box, if you so choose. WRH SOD has access to RHEL WS v4 update 4 licenses. Contact Mark Mollner or Chris Hornbrook.

Application Software: NWS Southern Region will make available a WES PC Disk Image with RHEL WS v4 update 4 OS and the WES software by mid October. You can wait for this disk image to set up your new WES PC or proceed on your own using the guidelines in this policy statement. WES version 7.1 will be available in October 2006.

***Note: It has not been proven that the WES software will function successfully with RHEL WS v4 update 4, but every indication is that it will. If possible, you may want to continue to use your current WES PC to provide winter AWOC training, and await the fully tested SR disk image to bring up your new WES PC.***

Monitors: Transfer your old WES monitors to the new WES PC.

### **C. Networking**

You may use one of the following network configurations:

- 1) Connect WES to the local office network on the internet (allows OS patches to be download from WR RHPProxy, but data has to be transferred from the archiver via DVD burning), or
- 2) Connect WES via non-routable IP to the AWIPS archiver (harder to download OS patches, but easier to transfer data by copying), or
- 3) If you wish a different configuration, please contact WRH SSD for approval before proceeding.

*Note: Information on connecting WES via a non-routable IP to the AWIPS archiver will be made available in October 2006.*

### **D. Security and License Management**

Either option from section **C. Networking** will require Harris scanning and patching.

Option 1 allows for easy scanning and patching. Option 2 complicates scanning and patching.

A script will be provided by WRHQ that will register the WES machine to the Regional proxy. If option 1 is chosen the box can be patched against the Regional RedHat Proxy server.

If option 2 above is used, the WES machine should first be registered with the proxy for purposes of license tracking, but will have to be patched by moving RPMs to the machine by hand. For example, putting RPMs on a USB drive or CD.

### **E. Simulation Training Completion**

All offices will notify the Regional WES focal point via e-mail of completion of all mandatory WES training exercises by their due date.

