

Distance Learning Operations Course

Distance Learning Operations Course - Netscape

Distance Learning Operations Course

RPG Control/Status

VCP L 21/A

Volume 22 Start: Apr 19, 2000 18:52:18 UT

Applications

- Base Data Display
- Cluster Regions
- Bypass Map Editor
- PRF Selection
- RDA Performance Data
- Console Messages
- Environmental Data
- PCI Properties

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IC 5.6: System Operations and Control
Presented by the Warning Decision Training Branch

Topic 6: System Operations and Control

Presented by the

Warning Decision Training Branch

System Operations and Control (Web Module)

System Operations and Control is a self-guided web-based training module. It can be found by accessing the NOAA/NWS Learning Management System (LMS) at:

<https://doc.learn.com/noaa/nws/>

Just like other DLOC topics, DLOC Topic 6 is accessed from your DLOC Development Plan in the LMS.

For those of you who are very familiar with the WSR-88D system, this training module may be mostly a review, and can be completed in about one hour. For those of you with less knowledge of the system, the module may take up to two hours to complete. ***The following objectives are tested on the Topic 6 exam in the LMS.***

The objectives identify the important information you should retain from studying this Topic. Questions on the exam will reflect the topics described in these objectives.

1. Identify the WSR-88D components connected by the wideband link and the two steps typically used to resolve a wideband failure.
2. Identify the WSR-88D and user components connected by the narrowband link and the meaning of the various status entries for the narrowband lines.
3. Identify the meaning of the various status entries for RDA State and Operable Status.
4. Identify the three categories of RPG Alarms and the meaning of the various status entries for RPG State and Mode.

Introduction

Objectives

5. Identify the two reasons for editing the Current VCP.
6. Identify differences between the local VCPs at the RDA and the remote VCPs available for download from the RPG.
7. Identify which VCPs allow for manual Doppler PRF changes.
8. Identify the purpose of Auto PRF and its relationship to manual Doppler PRF changes.
9. Identify the steps needed to change a Doppler PRF and download the current VCP to the RDA.
10. Identify the meaning of the Auto vs. Manual settings for the Mode Selection Function.
11. Identify the function of the Environmental Winds Table and the appropriate quality control procedures.
12. Identify the function of the Hail Detection Algorithm temperature heights and the appropriate quality control procedures.
13. Identify the appropriate use of pre-defined clutter regions files and the steps needed to download a file to the RDA.
14. Identify the appropriate need for creating a new clutter regions file and the steps needed to edit and download the file to the RDA.

Completion

In order to complete this topic you must take an exam and complete a survey.

Exam

The exam for Topic 6 is provided in the LMS. The exam is presented at the end of the course in the LMS.

Survey

There is also a survey available after the exam in the LMS. We encourage you to complete the sur-

Topic 6: System Operations and Control

vey while the experience of Topic 6 is fresh in your mind. We value your opinions and use your feedback to improve our courseware.

If you have technical problems with the course, contact us via email at DLOCHelp@wdtb.noaa.gov.

Problems

