

9. Setup Utility

The **setup** utility configures the software for the characteristics of the radar. This is the first utility you should run because the information from **setup** is used by many of the other utilities. You need to obtain detailed information about your radar system to answer some of the **setup** questions.

After upgrading, **setup** will fill in default values for any new questions that were added. It is recommended that you read the release notes, then check the new questions to make sure they are right for your system.

In this chapter:

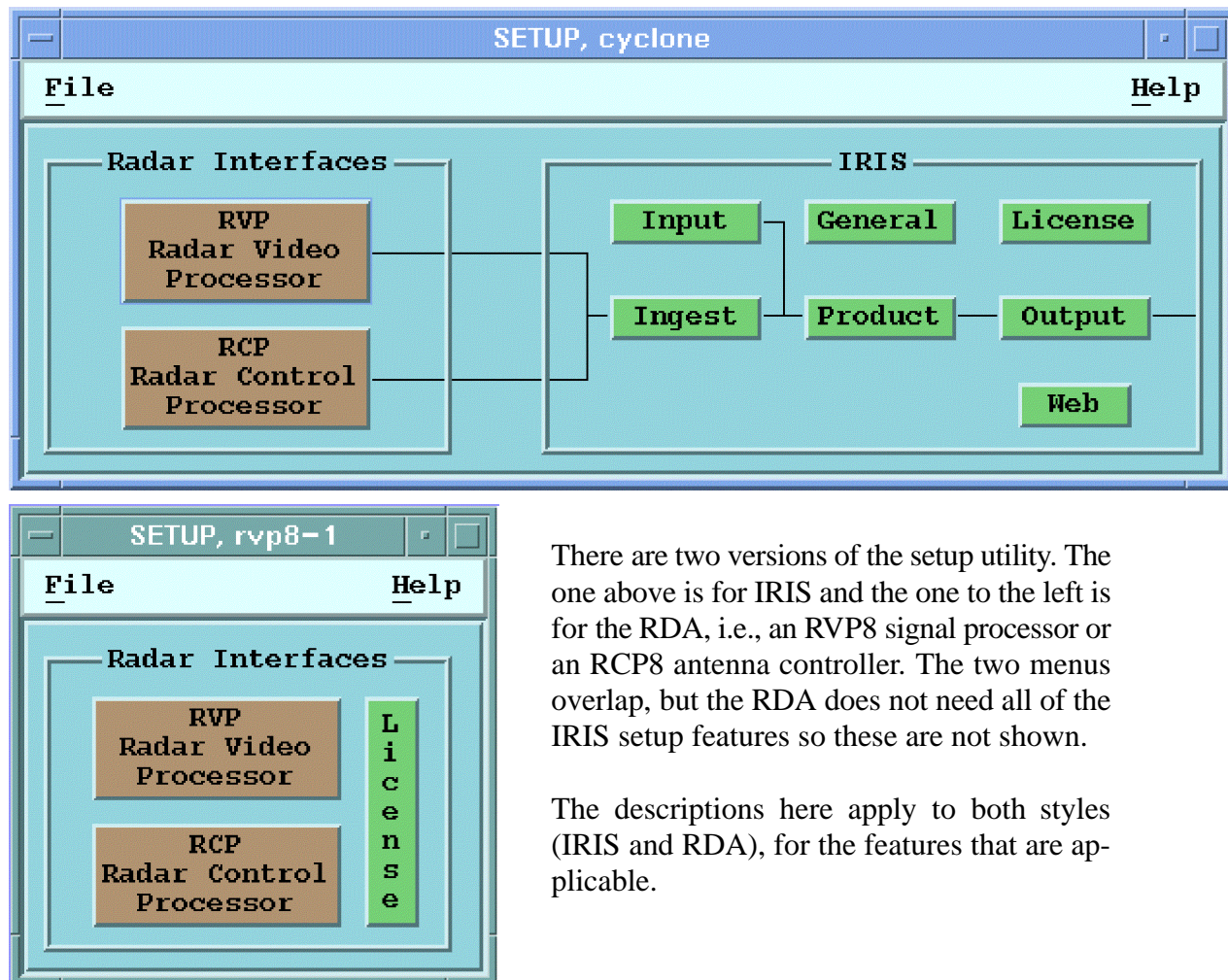
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Note: Setup of the color scales is done using the `color_setup` utility described in Chapter 5 of this manual.

9.1 Invoking Setup and Built-In Error Checking

Figure 9–1: Setup Utility Main Screen for IRIS and RDA



There are two versions of the setup utility. The one above is for IRIS and the one to the left is for the RDA, i.e., an RVP8 signal processor or an RCP8 antenna controller. The two menus overlap, but the RDA does not need all of the IRIS setup features so these are not shown.

The descriptions here apply to both styles (IRIS and RDA), for the features that are applicable.

Once you have typed **setup** at the system prompt or clicked on the **setup** icon in the IRISNet menu, the utility responds by popping up the **setup** main menu pictured above. From this screen you can select which of the sections that you want to change by clicking on the appropriate button or by selecting it from the menus pull-down. As a new user, the **setup** defaults have been set properly and therefore no configuration errors should occur. If an error does occur, simply follow steps 3 and 4 in the repair procedure below.

At startup for an upgrade, setup checks all parameters to verify that they are within reasonable bounds and produces a warning pop-up listing all the problems it finds. The listing gives the name of the variable in question and prompts the user to

consider the repair command. Errors are usually related to new features that have not been addressed or outdated features that do not conform to the current upgrade. Although clicking **repair** on the pop-up will replace the mismatch with the appropriate default, some errors may relate to customized fields that are important to your operation. Therefore the recommended procedure is as follows:

1. Check the error list for parameters that you have customized in the past and currently wish to use and correct these customizations.
2. Save your results and re-enter Setup to verify that corrected errors are removed from the list.
3. Click on the **repair** button to make corrections that are necessary for the software but don't need to be customized for your operation.
4. Save again when you're ready to exit.

The bounds checking is also performed when IRIS is first started with the **siris** command.

There is special support for making a listing file of the setup configuration. From either the main menu, or one of the subsections, you can select **File -> List**. This will produce a listing file called **YYYYMMDDHHMM.setup** in the `${IRIS_LISTINGS}` directory.