

## RCP02 V21 Release Notes

These notes cover changes made to the RCP02 code since release V20 of 2 November 1999. If you are upgrading from an earlier release, please read those notes also.

### Bug Repairs

1. Changed dual system “INHERIT” and “RESUME” IRIS mode switch strategies so that they will never inherit the uninitialized mode (of zero), i.e., if we are about to inherit a zero mode, then use the default mode instead. Without this change, a single RCP02 that is powered up and placed into AUTO mode would not properly begin an active scan.

### New Features

1. You may now choose the initial powerup mode (i.e., None/A/B/Auto) of a dual RCP02 system. On powerup, the RCP02 will first wait for guidance, either from IRIS or from the other RCP02, about which mode to enter. If the other RCP02 is dead, and if no mode requests have come in from IRIS, then the unit will switch to its default powerup mode. Otherwise the unit will acquire the mode of the other RCP02, or will follow the direction of IRIS.

Selecting the “AUTO” initial powerup mode handles the case of starting an active scan with no user intervention when just one RCP02 is first switched on. Without this, the user would first have to explicitly choose “AUTO” from an IRIS Dual Switching Menu. But sometimes this is what you want; and by selecting the powerup mode of “None”, the system will remain in maintenance mode until the IRIS user makes a specific choice.

### Setup Changes

1. Added a dual system setup question to give the single character name of each unit. This letter will appear in the center of the “TB” title bar on the front panel display. Previously the “A” unit was always labeled “A”, and the “B” unit was always labeled “B”.
2. Added a dual system setup question to set the default power up operating mode. This is the mode that the RCP02 will assume in the absence of any guidance from either the host computer or the other RCP02. See New Feature #1.