

## 2.15 STAT: IRIS System Status

### Overview

STATUS products are normally made on all IRIS systems that are critical to system operation, this usually includes the radar host, the product generator, and sometimes critical display systems. These products are very much like other products, for example PPI and RAW products. They show up in the product output menu, and they can be transferred to other IRIS systems using the product output menu. Rather than containing radar data, they contain information about how well the source IRIS system is working. When transferred to another IRIS system, the receiving system becomes aware of faults or problems with the sending system. For example, the radar-host status products are distributed to essentially all the systems in a radar network, and the red-X is displayed on various windows based on these STATUS products.

### Configuration

Status products can be configured in the Product section of the IRIS setup menu. See the *IRIS Utilities Manual* – Section 8.7.2 for more information. Once STATUS products are enabled, they can be configured for output in the product output menu. SIGMET recommends the following steps:

- Identify critical systems
- Identify separate receiving system(s)
- Configure STATUS products in **setup**
- Output STATUS products to receiving systems
- Determine which STATUS products will be referenced by the SIGNALS.DAT for action
- Configure the SIGNALS.DAT to take the appropriate action

### Recommended Uses

STATUS products enable IRIS systems to alert other systems on the network that they are in trouble or that a particular event has just occurred. These messages can then be parsed by the SIGNALS.DAT file and actions can be taken (i.e. sending an email to a beeper or cell phone).