S E R V I C E   N O T E

SUPERSEDES: None

5DX Series II Structural Process Test System

Situation:

A major Panel Handling concern has been discovered in the field. The 5DX has two crunch sensors installed, one at the input to the mainstage conveyor and one at the output of the mainstage conveyor. The purpose of the crunch sensor is to disable the main stage if a board becomes stuck between the mainstage conveyor and either loader. The problem is, if the Panel Handling Subsystem generates a timeout error because the load process or the unload process was not successfully completed, the "Galil_2" Communication is interrupted and the crunch sensor can no longer be read. The "Galil_1" communication, however, is not interrupted, and the XYZ stage is not disabled. Therefore it is possible to manually request a XYZ stage move and damage the panel.

Solution:

The problem has been referred to R&D and an engineering change will be implemented. The work around is to alert the customer's operators of the problem and to insure the operators follow the proper "recovery" procedure.

DATE: February 2000

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

Agilent Technologies