ACI 1 = J431
ACI 2 = J430
AcI 3 = J432

SX-51 Stage Testing

I) *If Stage does not start after a COLD start, do the following:*

= J430

SX> TRAN ACI2	<RETURN>	// Set communication via ACl #2.
LOCA	<RETURN>	// Sets command to the Stage Board.
> DISP 1	<RETURN>	// Displays the Sage parameters and limits
> INIT	<RETURN>	// Initializes the stage board. Just like Reset. *⇒ will try to reset*
> REMO		// Returns command to the WDS-68000.
CONTROL - 'E'	<RETURN>	// Returns you to the SX Prompt.
SX>		

Next press the reset button on the front of the instrument and the stage should pass the test, if it passed in transparency mode. ↓

II) *To test the stage in Transparency mode, do the following:*

SX> TRAN ACI2	<RETURN>	// Set communication via ACI #2.
LOCA	<RETURN>	// Sets command to the Stage Board.
> DISP 1	<RETURN>	// Displays the Sage parameters and limits
> TEST 1	<RETURN>	// This will test the Stage X-Axis.
> TEST 2	<RETURN>	// This will test the Stage Y-Axis.
> TEST 3	<RETURN>	// This will test the Stage Z-Axis.
> REMO		// Returns command to the WDS-68000.
CONTROL - 'E'	<RETURN>	// Returns you to the SX Prompt.
SX>		

Next press the reset button on the front of the instrument and the stage should pass the test, if it passed in transparency mode.

NOTES:

1) If an Stage Axis makes a buzzing sound, identify the Axis and type: 'SX> SM X' or whatever axis (X, Y, Z) is making the buzzing sound. The SM command will stop movement of the specified axis. After you stopped the axis, you can retest the axis by typing: 'SX> TSTW X'.

2) If you still have problems trying to get the Stage to pass, press the reset button on the Stage board and the press the reset button on the front of the instrument.

3) If you still have problems, call Cameca and an Engineer will help you solve the problem.

*4) There is no need to power down the WDS Power Supply and pull out the Stage board. The board should be reset in the transparency mode by command "INIT".