LIA STATUS BYTE

bit	name	usage
0	INPUT/RESRV	Set when an Input or Amplifier overload is detected.
1	FILTR	Set when a Time Constant filter overload is detected.
2	OUTPT	Set when an Output overload is detected.
3	UNLK	Set when a reference unlock is detected.
4	RANGE	Set when the detection frequency switches ranges (harmonic x ref. frequency decreases below 199.21 Hz or increases above 203.12 Hz). Time constants above 30 s and Synchronous filtering are turned off in the upper frequency range.
5	TC	Set when the time constant is changed indirectly, either by changing frequency range, dynamic reserve, filter slope or expand.
6	TRIG	Set when data storage is triggered. Only if samples or scans are in externally triggered mode.
7	unused	

The LIA Status bits stay set until cleared by reading or by the ❊CLS command.

ERROR STATUS BYTE

bit	name	usage
0	Unused	
1	Backup Error	Set at power up when the battery backup has failed.
2	RAM Error	Set when the RAM Memory test finds an error.
3	Unused	
4	ROM Error	Set when the ROM Memory test finds an error.
5	GPIB Error	Set when GPIB fast data transfer mode aborted.
6	DSP Error	Set when the DSP test finds an error.
7	Math Error	Set when an internal math error occurs.

The Error Status bits stay set until cleared by reading or by the ❊CLS command.