3.3.2 Status Messages

Display Message	Action	Comment
OK	None	Normal operating mode
Initial	None	Program is Initializing, level reading held at 4 mA set point. This is a transient condition.
DryProbe	None	Normal message for a dry probe. End of probe signal is being detected.
EOP < Probe Length	End of Probe signal from a dry probe is out of range	1) Ensure probe length is entered correctly 2) Set transmitter to a lower dielectric range 3) Consult factory 4) Ensure proper blocking distance
EOP High	End of Probe signal is out of range	1) Ensure probe length is entered correctly 2) Consult factory (old twin rod probe being used with enhanced 705)
WeakSgnl	None. Signal amplitude is lower than desired.	1) Set transmitter to lower dielectric range 2) Increase sensitivity
Flooded?	Loss of level signal possibly due to flooding, twin rod probes only	1) Decrease level in vessel 2) Set transmitter to lower dielectric range 3) Replace with Model 7xR Overfill probe
NoSignal	No level signal being detected	1) Ensure dielectric setting is correct for measured medium 2) Increase sensitivity 3) Confirm that the probe type is proper for the dielectric of the medium 4) Consult factory
No Fid	Fiducial signal is not being detected	1) Check connection between probe and transmitter 2) Check for moisture on top of probe 3) Check for damaged gold pin on the high frequency connector 4) Consult factory
FidShift	FidTicks shifted from expected value	1) Check connection between probe and transmitter 2) Check for moisture on top of probe 3) Check for damaged gold pin on the high frequency connector 4) Consult factory
Fid Sprd*	Fiducial Ticks variation is excessive	1) Check connection between probe and transmitter 2) Check for moisture on top of probe 3) Consult factory
SZ Alarm	Safety Zone alarm has been tripped, loop current fixed at SZ Fault	Decrease level in vessel
Hi Temp	Present temperature in electronics compartment is above +80° C	1) Transmitter may need to be moved to ensure ambient temperature is within specification 2) Change to remote mount transmitter

3.3.2 Status Messages

Display Message	Action	Comment
Lo Temp	Present temperature in electronics compartment is below -40° C	1) Transmitter may need to be moved to ensure ambient temperature is within specification 2) Change to remote mount transmitter
HiVolAlm	Level more than 5% above highest point in strapping table	Verify strapping table is entered correctly. None. Signal amplitude is lower than desired.
Sys Warn	Unexpected but non-fatal software event	Consult factory
TrimReqd	Factory set Loop values are defaults, loop output may be inaccurate	Consult factory
Cal Reqd	Factory set default calibration parameters are in use, level reading may be inaccurate	Consult factory
SlopeErr	Ramp circuit generating improper voltage	Consult factory
LoopFail	Loop current differs from expected value	Consult factory
No Ramp	No End-of-Ramp signal detected	Consult factory
DfltParm	Internal non-volatile parameters have been defaulted	Consult factory
LVL < Probe Length	Apparent position of the upper level pulse is beyond the end of probe.	1) Check entered probe length 2) Change threshold to fixed
EE Fail	EEPROM error allowing watch-dog timer to expire	Consult factory
CPU Fail	A-D converter time out allowing watchdog timer to expire	Consult factory
SfwrFail	A fatal software error allowing watchdog timer to expire	Consult factory

PACT*ware*™ PC Program

The Eclipse Model 705 offers the ability to do Trending and Echo Curve analysis using a PACT*ware* DTM.
This is a powerful troubleshooting tool that can aid in the resolution of some of the Error Messages shown above.

Refer to Bulletins 59-101 and 59-601 for more information.