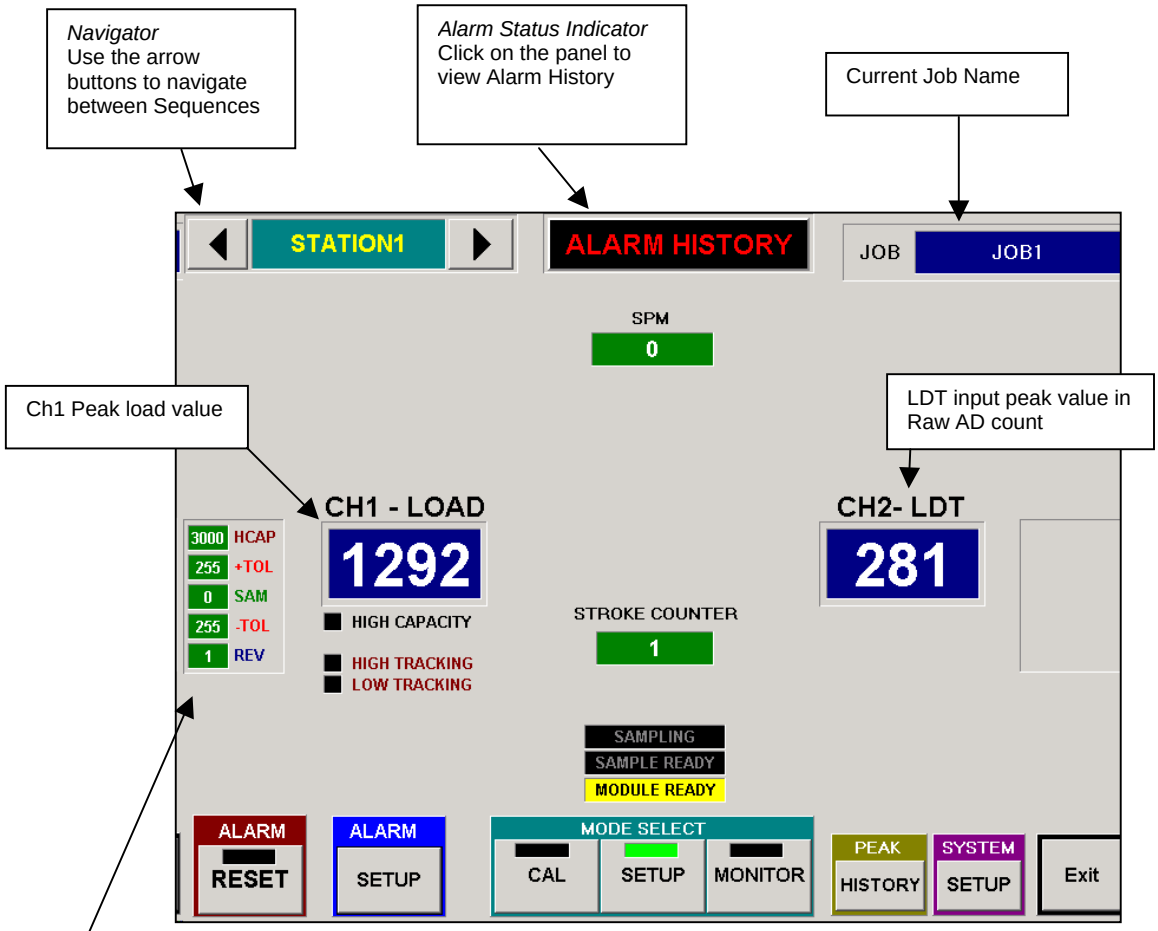
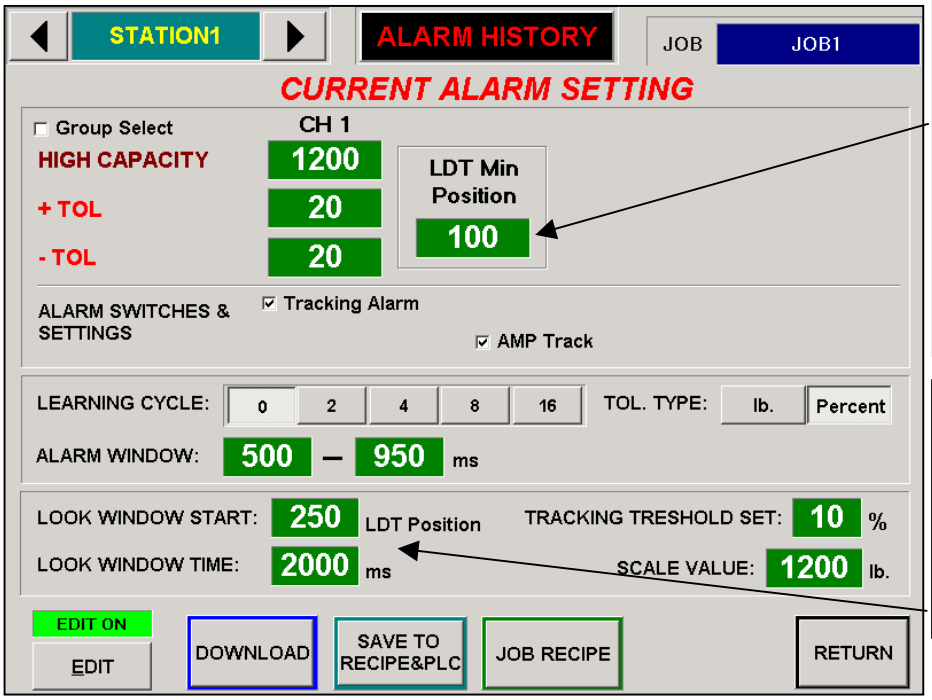
RSTMonLT Software for HM1756 LDT Module Addendum

MAIN TONNAGE SCREEN



ALARM SETUP SCREEN



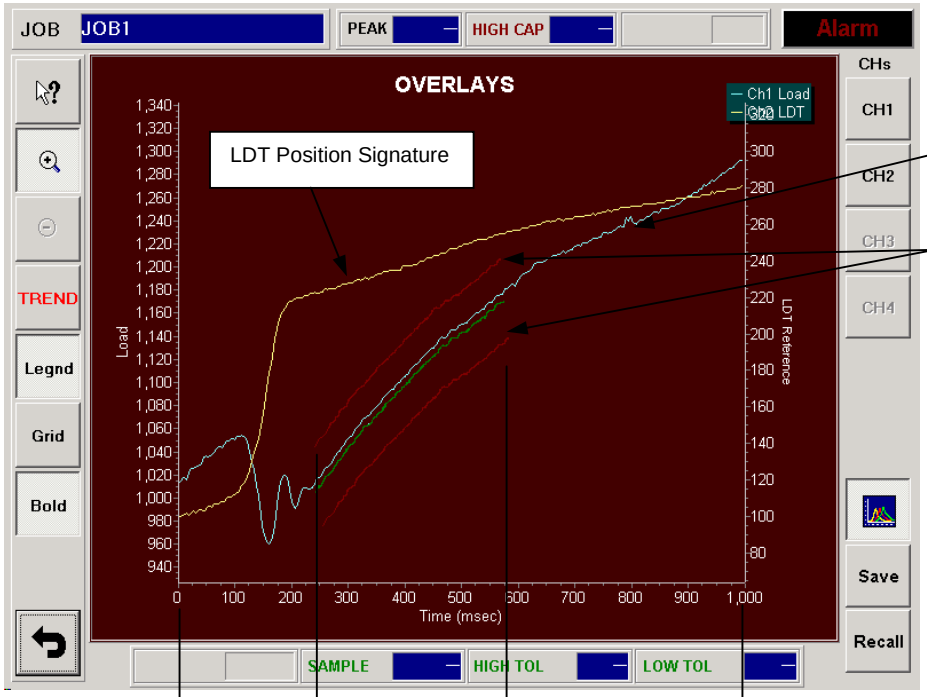
This is the module's trigger position for monitoring tonnage signal. In reference to our PLM module, LDT position area above the set value becomes the tonnage look window area where High Capacity alarm is being monitored in real time.

Use MODULE SETUP & CALIBRATION screen to find the optimal position.

You can always adjust LDT Min Position setting to find the optimal trigger postion for your application.

Look Window Start position is the raw AD count of LDT position where the module starts to capture signatures for the duration of Look Window Time setting.
The Look Window Start must be set larger than LDT Min Position set .

SIGNATURE ANALYSIS SCREEN



Force Signature

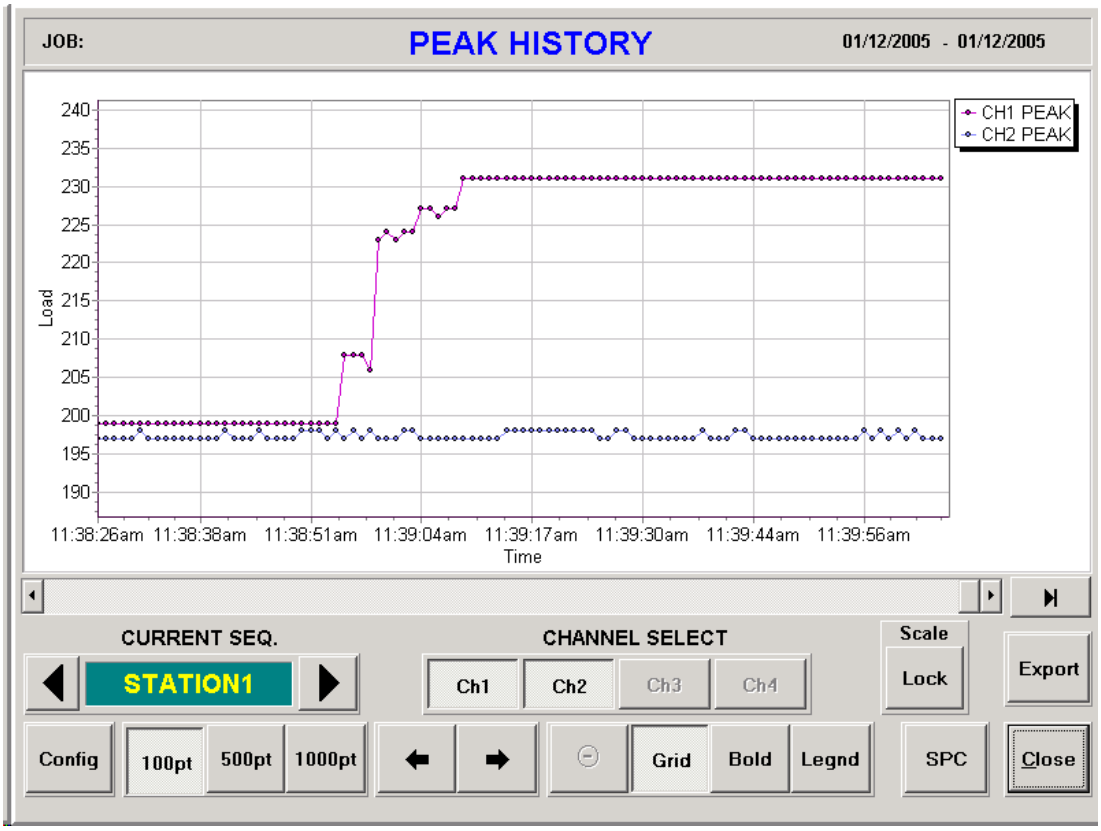
Upper & Lower Tolerence Tracking alarm limits for force signature

Sample(Master/Job) Signature for Tracking Alarm captured by averaging Load signatures during Learning Cycles. This sample signature can be stored per job as master siganture and downloaded to module to be used for tracking alarm without resampling process

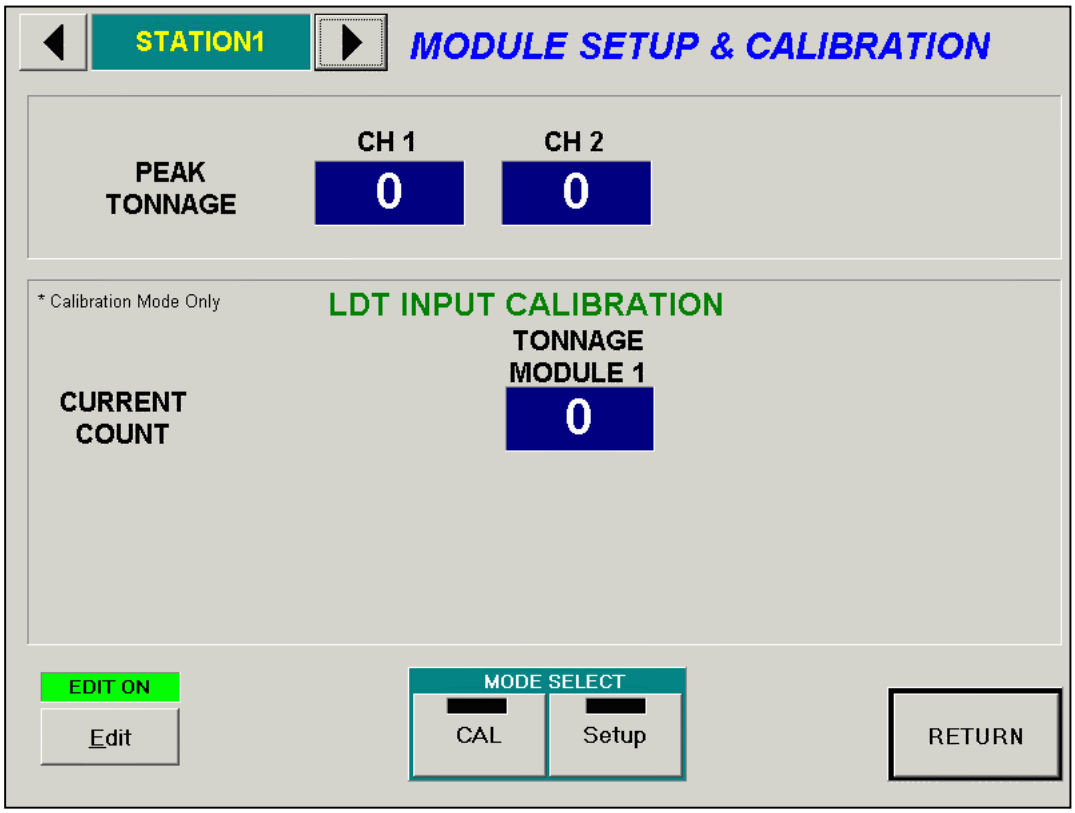
ALARM WINDOW Where Tracking alarm is monitored in real time

LOOK WINDOW in msecond when the signatures are captured triggered by LDT set position

PEAK HISTORY SCREEN



MODULE SETUP & CALIBRATION



1. Turn EDIT ON using Master Password “4356” as default
2. Change to CAL mode.
   In Calibration Mode, You can see the raw LDT input count on TONNAGE MODULE 1 display. Move the press slide to the top positions (rest position) to read the Rest Position LDT input count and record it. This is the reference value that is required to find the optimal LDT Min Position setting.

   Normally Add 10% of the full stroke LDT count to the recorded Rest Position LDT input count for the value to LDT Min Position from Current Alarm Setting screen. This is the reference trigger position where the module starts to monitor the tonnage from Ch1 internally. You can always adjust LDT Min Position setting to find the optimal trigger postion for your application. Entering proper LDT Min Position value is very important for the module to work properly.