

Hall-D Software Milestones		
		4/27/2012 v1
milestone	target date	Notes
1 Calibration DB deployed		<i>Production use with simulated data to gain experience</i>
<i>Full set of existing constants installed</i>		
<i>DB accessible as read-only from offsite</i>		
2 Translation DB deployed		
<i>Channels defined for all major detector systems</i>		<i>Final electronics map is not needed. Auto-generated channel geography OK</i>
3 Raw data format specification complete		<i>Disentangled</i>
4 DST format specification complete		
5 Simulated raw data to DST data challenge (1 day of low luminosity data)		
<i>Simulated data starts in raw data format and is transformed into DST format</i>		
<i>Translation table is used</i>		
6 Micro-DST writer complete		<i>Reads DST format and writes Micro-DST files</i>
7 Micro-DST data samples available (1 day of low luminosity data)		
8 Amplitude Analysis (offsite)		<i>Use offsite GPU farm</i>
<i>Micro-DST files transferred from Jlab to offsite location</i>		
<i>Fit performed and amplitudes extracted with errors</i>		
9 Documentation complete		<i>Document state prior to first production beam. Includes descriptions of default algorithms along with efficiency and resolution plots</i>
<i>Web-based documentation (wiki pages)</i>		
<i>Mechanism to archive wiki-pages in long-term storage format</i>		
10 Full Software Chain		<i>Simulated data in raw data format processed through Amplitude Analysis</i>