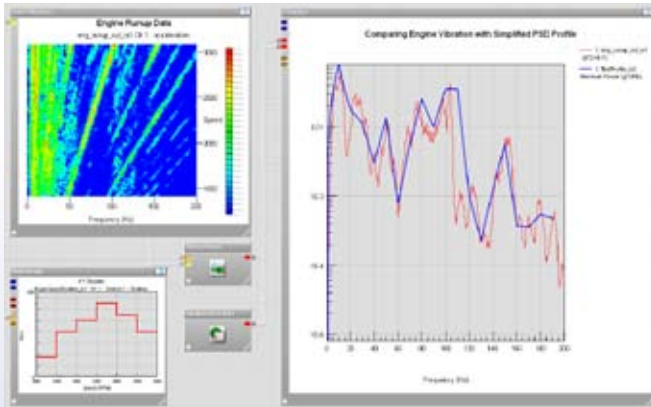


Product Overview:

Accelerated Testing is a specialized product option within nCode GlyphWorks that provides the ability to create a representative PSD or swept sine shaker vibration test based on measured data. It enables the combination of multiple time or frequency domain data sets into representative test spectra that accelerates the test without exceeding realistic levels.

The Accelerated Testing capability of nCode GlyphWorks is based on GAM EG-13/NATO AECTP200 standards and allows the users to design test scenarios that take a fraction of the time of a traditional test.



nCode GlyphWorks is a modular system, enabling users to add on to the standard capability and tools from the ever growing list of available glyphs.

Visit www.hbm.com/ncode for a complete list of product options.

Key Benefits:

- Create an accelerated shaker test – and assess the impact on shock and fatigue damage
- Rapidly compare an existing test specification with service vibration data
- Extend the life of parts in service or avoid unexpected failures
- Understand the impact of exposure time in service and on the test rig

Key Features:

Enables comparison of:

- Different shaker tests: Which is more severe – swept sine or random vibration testing?
- Existing test specification with service vibration data: Is the existing vibration test more or less severe than the measured service vibration?
- Two different sets of service vibration data: Is usage in one region more severe than in another?

"The tests are faster, cheaper... and the safety margin is increased."

- Trevor Walton, Principle Dynamicist, AgustaWestland

nCode GlyphWorks® 

Create realistic vibration profiles for shaker testing