

# Sprint 16 1901-01


## Overview

Duration: 7 - 18 Jan (10 days)

completed	in progress	to do
32	3	0

(vs record 49 completed sprint 12/14)

Epic	Story	Owner	Deliverables	Link
SeisFinder	<ol style="list-style-type: none"><li>1. Plan user-level access control</li><li>2. Plan AWS hosting</li><li>3. Implement basic web interface</li></ol>	Viktor Karim Sung	Detailed plan for user-level access and prototype  Cloud pricing : depending on empirical data  Web interface completed and running on Hypocentre, capable of hazard and deagg calculation, displaying the plots	<a href="#">Planning User-class access control</a>  Cloud pricing <ul style="list-style-type: none"><li>• <a href="http://calculator.s3.amazonaws.com/index.html">http://calculator.s3.amazonaws.com/index.html</a></li><li>• <a href="https://azure.microsoft.com/en-au/pricing/details/virtual-machines/linux/">https://azure.microsoft.com/en-au/pricing/details/virtual-machines/linux/</a></li></ul> <a href="#">SeisFinder2 website deaggregation</a> <a href="http://hypocentre/seisfinder/site">http://hypocentre/seisfinder/site</a>
SimWorkflow	<ol style="list-style-type: none"><li>1) Cybershake 18p6<ol style="list-style-type: none"><li>a) Run all Cybershake v18p6p1</li></ol></li><li>2) GM Sim Versioning<ol style="list-style-type: none"><li>a) Params (py to yaml)</li><li>b) Version templates created</li><li>c) Install specifies a version template to use</li></ol></li></ol>	Melody Jason Jonney	Introduces the usage of YAML as new format of saving parameters.	<a href="#">re-running cybershake v18p6</a>        <a href="#">GM Sim Versioning</a>  4. Create dummy templates for each level of yaml and adjust the cubershake install wrapper  <a href="#">Files to tar or keep at the end of cybershake submission</a>
WCT Estimation + Metadata	<ol style="list-style-type: none"><li>1) Completed WCT estimation for LF /HF/BB</li><li>2) Worked on estimation of lots of simulations (LF - done, HF/BB - minor code change required + testing)</li><li>3) IM calc estimation + metadata collection improvement</li></ol>	Claudio	WCT estimation  Changed manual workflow to python3  Improved metadata collection	<a href="#">WCT estimation + metadata collection</a>

Misc	<p>1) Simulation animations on Mahuika</p> <p>2) Installation / VM validation changes</p> <p>3) Plan SRF gen randomness</p>	<p>Jason</p> <p>Viktor /Claudio Melody</p>	<p>1) Currently running sample animation for each fault.</p> <p>2) Checks VM during install and number of SRF files correspond to the number of realisations. Also VM extent verification with the NZ DEM.</p> <p>3) Planned to start with Mw, sdrops and fvfrac then extend</p> <p>4) Bug fix incorrect location of IM_ch_log files</p>	<p>3)</p> 
Backlog	1) Metadata analysis			