

**STATUS REPORT – to be presented to the Intelligence Team by 1200hrs daily.**

|                                       |                      |                                    |
|---------------------------------------|----------------------|------------------------------------|
| <b>Event: Christchurch Earthquake</b> |                      | <b>Section/Function/agency:</b>    |
| <b>Date:</b><br>21/03/2011            | <b>Time:</b><br>1200 | <b>Science Liaison Team</b>        |
| <b>Operational Period:</b>            |                      | <b>Originator Record #:</b><br>021 |

**Current situation** (incidents, action taken, resource status, personnel numbers etc)

***Earthquake Activity & Deformation:***

- Appendix A illustrates the magnitude and frequency of aftershocks from 22 February to 21 March 2011.
- Appendix B illustrates the number of aftershocks with magnitude  $\geq 3.0$  since 22 February.

***Offshore Survey:*** The high resolution shallow seismic component of the NIWA offshore survey of Pegasus Bay has been completed. The vessel has been back to port to fix an airgun compressor and it is now heading back out to commence the deeper penetrating seismic survey.

***Landslides:***

- An updated landslide and rock fall factsheet can now be found at:  
<http://canterburyearthquake.files.wordpress.com/2011/03/landslide-and-rockfall-factsheet-20010317.pdf>. It has been delivered to Lyttelton, Sydenham, Mt Pleasant, Redcliffs and Sumner recovery assistance centres.

**Outstanding Issues / Challenges / Problems:**

**Anticipated Priorities / Activities:** (For future operational periods)

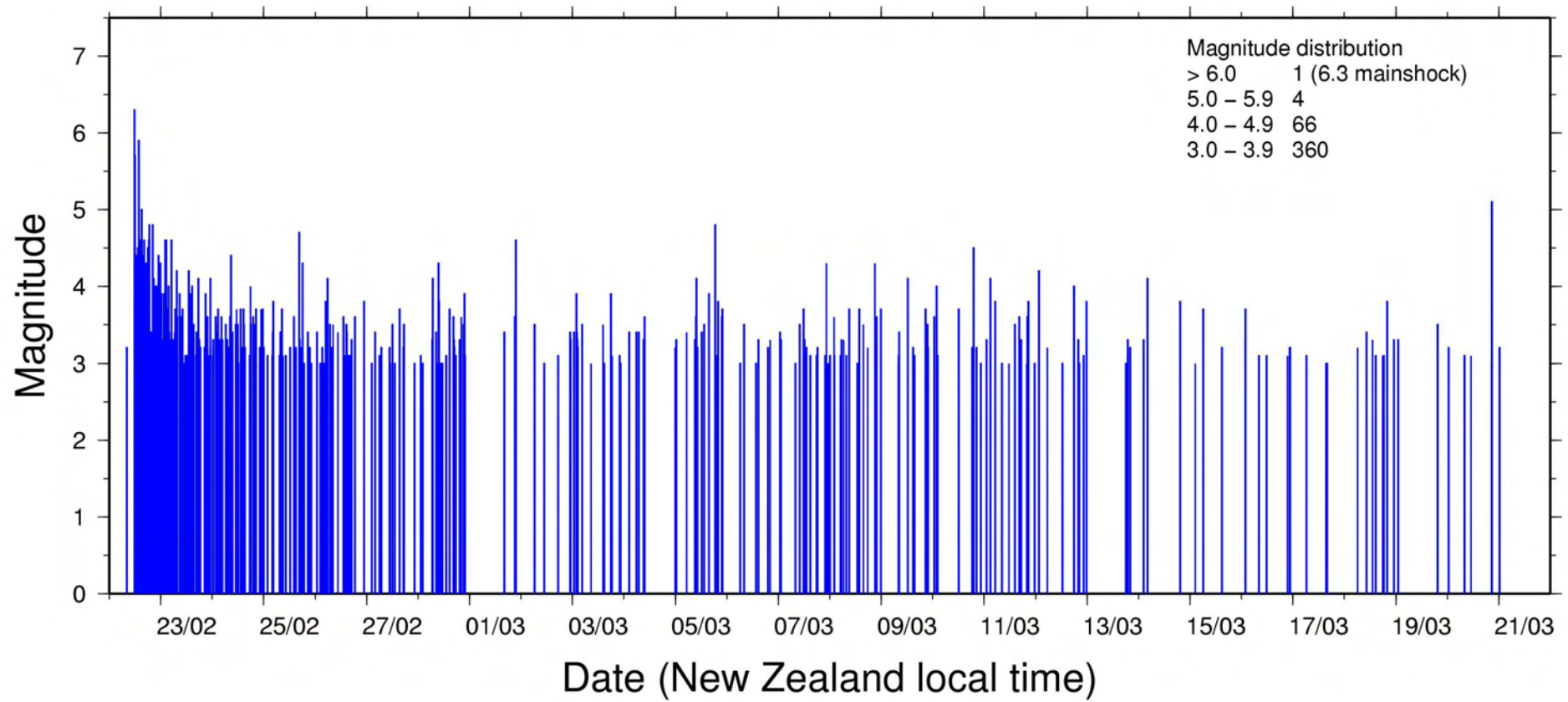
***Social Science:***

- The wider Social Science research group will be having a teleconference tomorrow, to connect current and future Social Science researchers and re-establish working groups.
- *NZPI Planning Workshop: 'Rebuilding Christchurch THE PLANNER'S PERSPECTIVE'*. The NZPI Canterbury/Westland Branch intend to hold a Charette in Christchurch, on the afternoon/evening of Wednesday 13 April, specifically aimed at local planners to workshop the key issues associated with the recovery.

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**APPENDIX A:**

Magnitude and frequency of aftershocks from 22 February to 21 March 2011.



**APPENDIX B:**

Number of aftershocks per day with magnitude  $\geq 3.0$  since 22 February.

## Number of aftershocks per day with $M \geq 3.0$

