



COFFS HARBOUR ASTRONOMICAL SOCIETY INCORPORATED

MINUTES AND NOTICE OF MEETING

MINUTES OF APRIL MONTHLY MEETING HELD AT BOAMBEE HALL, MONDAY 7th of APRIL, 2014.

PRESENT: 10 members

MEETING OPENED: 7:00pm with President, Win Howard in the chair.

APOLOGIES: Peter Black, Roger Cooper, Rita Mann & Roy Derrett

MINUTES OF LAST MEETING: Adopted as circulated by e-mail

BUSINESS ARISING FROM MINUTES: Nil.

CORRESPONDENCE:

IN: Nil

OUT: Nil

GENERAL BUSINESS:

- Following discussion for a new venue and inspection by Win, Gerjo & Roberto it has been agreed that **May's meeting will be trialled at the Boambee East Community Centre in Bruce King Drive.**
- Mars at opposition on April 8th.
- Lunar Eclipse on April 15th. Informal gathering at Sawtell Headland to view together
- Partial Solar Eclipse on April 29th

THE TOPIC: Nil

TOPIC FOR NEXT MEETING: Mars

REPORTS FROM MEMBERS:

- Michael advised that he accepted Win's challenge and got up early to view 4 planets in the morning sky.
- Chris spoke of viewing Saturn with friends.
- Discussion about footage taken by a skydiver who was just missed by a meteorite.

REPORTS FROM THE PRESIDENT: (*this material is collected from the internet each month and presented in an edited form*).

1. 'Life as We Know It' Unlikely on Super Earths <http://www.abc.net.au/science/articles/2014/03/03/3954456.htm>
2. Asteroid 2014 DX110 to Make Close Pass by Earth <http://www.abc.net.au/news/2014-03-06/asteroid-to-make-close-pass-by-earth/5301880>
3. ANU Astronomers want to Fire Lasers at Space Junk <http://www.smh.com.au/technology/sci-tech/anu-astronomers-want-to-fire-lasers-at-space-junk-20140307-34ay2.html>
4. Astronomers Surprised by Proposed Grounding of SOFIA <http://www.spaceflightnow.com/news/n1403/06sofia/#.U2Wa3vmSySo>



NASA

5. Dawn of a New *Cosmos* <http://www.skyandtelescope.com/astronomy-news/dawn-of-a-new-cosmos/>
6. Earth has a Secret Reservoir of Water, Scientist Say <http://www.smh.com.au/technology/sci-tech/earth-has-a-secret-reservoir-of-water-scientists-say-20140312-34nel.html>
7. Asteroid Strike Drenched World in Acid Rain <http://www.abc.net.au/science/articles/2014/03/10/3959190.htm>
8. Scientist Detect Echoes of Big Bang <http://www.abc.net.au/news/2014-03-18/big-bang-scientists-detect-echoes/5327244>
9. What do Gravitational Waves Tell Us About the Universe <http://www.abc.net.au/science/articles/2014/03/18/3966370.htm>
10. 'Waves' Detected on Titan Moon's Lakes <http://www.bbc.com/news/science-environment-26622586>
11. Destructive Solar Blast Narrowly Missed Earth in 2012: Scientists <http://www.reuters.com/article/2014/03/19/us-space-solarblasts-idUSBREA211SV20140319>
12. Icy Chariklo Asteroid has Ring System <http://www.bbc.com/news/science-environment-26731100>
13. Icy Body Found Orbiting Far from Sun <http://www.bbc.com/news/science-environment-26737376>
14. Saturn's Enceladus Moon Hides 'Great Lake' of Water <http://www.bbc.com/news/science-environment-26872184>
15. Powerful Chile Earthquake Leaves Astronomy Observatories Unscathed <http://www.space.com/25364-chile-earthquake-observatories-damage.html>
16. Star Stuff with Stuart Gary <http://www.abc.net.au/science/starstuff/>

CLOSURE AND FUTURE MEETING TIMES:

Cloud obstructed any viable viewing opportunities

The next monthly meeting will be Monday 5th of May, 2014, at the new venue, to trial, **Boambee East Community Centre, Bruce King Drive** at 7:00pm, all members and interested persons are encouraged to attend.

CHAS TELESCOPE:

Roberto Cornale
Secretary