



COFFS HARBOUR ASTRONOMICAL SOCIETY INCORPORATED

MINUTES AND NOTICE OF MEETING

MINUTES OF DECEMBER'S MONTHLY MEETING HELD AT
BOAMBEE EAST COMMUNITY CENTRE,
MONDAY 7th of DECEMBER, 2015.

PRESENT: 7 members

MEETING OPENED: 7:08pm with President, Win Howard in the chair.

APOLOGIES: Kevin G., Michael H.

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

BUSINESS ARISING FROM MINUTES: Nil.

CORRESPONDENCE:

IN: Nil

OUT: Nil

GENERAL BUSINESS:

- Roberto presented some more, current and interesting astronomical videos
- "Astronomy 2016" is now available through The Book Warehouse, locally or direct from Quasar Publishing <http://www.quasarastronomy.com.au/order.html>

THE TOPIC: Nil

TOPIC FOR NEXT MEETING:

Everyone is welcome to give a brief presentation on any topic(s) that they may have found of interest lately.

REPORTS FROM MEMBERS:

- Win spoke of rising early trying to view Comet C/2013 US10 Catalina

- Frank K. has invited the CHAS to plan a viewing night/wine tasting... Under ideal viewing conditions at Two Tails Winery, Nana Glen; recently, under new management by family members.



963 Orara Way
Nana Glen, New South Wales
(02) 6654 3633

- Mention was made regarding interesting astronomy podcasts at <http://www.astronomy.ohio-state.edu/~pogge/>

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

- **Lisa Pathfinder Launches to Test Space ‘Ripples’ Technology**
http://www.esa.int/Our_Activities/Space_Science/LISA_Pathfinder_en_route_to_gravitational_wave_demonstration
- **Planned Journey to the Mantle of the Earth Will Break Records**
<http://www.smh.com.au/technology/sci-tech/planned-journey-to-the-mantle-of-the-earth-will-break-records-20151203-glel8i.html>
- **Moon’s Orbit was Tilted by Close Encounters with Passing Planetesimals**
<http://www.abc.net.au/news/2015-11-26/moons-orbit-tilted-by-passing-planetesimals/6973122>
- **Dark Matter Dominated in Nearby Dwarf Galaxy**
<https://www.caltech.edu/news/dark-matter-dominates-nearby-dwarf-galaxy-48790>
- **Hawaii Supreme Court Revokes Permits for Massive Telescope**
<http://www.astronomy.com/news/2015/12/hawaii-supreme-court-revokes-permit-for-massive-telescope>
- **The Giant Magellan Telescope Organisation Breaks Ground in Chile**
<http://www.gmto.org/2015/11/the-giant-magellan-telescope-organization-breaks-ground-in-chile/>
- **‘Venus Twin’ Excites Astronomers**
<http://www.bbc.com/news/science-environment-34791487>
- **Oldest Stars Ever Found Discovered Near the Centre of Milky Way**
<http://www.anu.edu.au/news/all-news/oldest-stars-found-near-milky-way-centre>
- **New Horizons: Pluto May Have Ice Volcanoes**
<http://www.space.com/31073-pluto-ice-volcano-mountains-photos.html>
- **Newly Discovered Dwarf Planet is Solar System’s Most Distant Object**
<http://www.space.com/31100-most-distant-dwarf-planet-found.html>
- **Mars to get Planetary Ring Set to Rival Saturn, with Moon Phobos Set to Break Up from Tidal Stress**
<http://www.abc.net.au/news/2015-11-24/red-planet-mars-planetary-ring-system-moon-phobos-dies/6955204>
- **Mars Atmosphere ‘Eroded by Sun Activity’**
<http://www.bbc.com/news/science-environment-34736574>
- **Edinburgh University Astronomers Find Sunless World**
<http://www.bbc.com/news/uk-scotland-edinburgh-east-fife-34712877>
- **Cassini Probe Sweeps Over Saturn’s Moon Enceladus**
<http://www.bbc.com/news/science-environment-34593944>
- **Whopping Galaxy Cluster Spotted With Help of NASA Telescopes**
<http://www.jpl.nasa.gov/news/news.php?release=2015-340>

CLOSURE AND FUTURE MEETING TIMES:

Meeting adjourned outside at 8:40pm. The next monthly meeting, will be **Monday 1st of FEBRUARY, 2016**, at **Boambee East Community Centre, Bruce King Drive** at **7:00pm**, all members and interested persons are encouraged to attend.

Roberto Cornale
Secretary