



COFFS HARBOUR ASTRONOMICAL SOCIETY INCORPORATED

MINUTES AND NOTICE OF MEETING

MINUTES OF AUGUST'S MONTHLY MEETING INCORPORATING
CHAS ANNUAL GENERAL MEETING HELD AT
BOAMBEE EAST COMMUNITY CENTRE,
MONDAY 3rd of AUGUST, 2015.

PRESENT: 13 members & 2 guests

MEETING OPENED: 7:03pm with President, Win Howard in the chair.

APOLOGIES: Michael W.

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

BUSINESS ARISING FROM MINUTES: Nil.

CORRESPONDENCE:

IN: 1/. July edition of the Oddie-Baker Bulletin.

2/. Ballarat Astronomical Society "Hello Pluto" mug offer

3/. Listing of 2015 CWAS Astrophotography "David Malin Awards" finalist.

OUT: Nil

GENERAL BUSINESS:

- Further discussion of general public Sky Night incorporating kids activities...
21st September, 2015.
RSVP – via email
Telescopes would need to be confirmed; Video presentations etc for bad weather and to keep younger ones interested etc.; *This night has been booked for us at the Boambee East Community Centre.*
Discussion regarding community media promotion for the night Peter has donated 5 kits for new members joining

ANNUAL GENERAL MEETING:

- Financials circulated – Accepted as moved by Gerjo and seconded by Michael H.- carried
- President – Win Howard – moved by Gerjo seconded by Michael H. – carried
- Secretary – Roberto Cornale – moved by Michael H. seconded by Gerjo – carried
- Treasurer – Gerjo van Rhijm – moved by Michael H seconded by Roberto – carried

- Vice President – Michael Hope – moved by Roberto seconded by Gerjo – carried
- Accountant – Helen Squires –subject to availability.
- Membership fees to remain at \$16.00 p.a.

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:

- Bernadette spoke of viewing a “Blue Moon” in W.A. years ago, and Win of two sunsets- a red one followed maroon one ...due to volcanic activity in the atmosphere.
- Win discussed the rise and fall of Algol and viewing it, 5-5:30am in the northern sky 15deg above the horizon ... *Algol is actually a three-star system (Beta Persei A, B, and C) in which the large and bright primary Beta Persei A is regularly eclipsed by the dimmer Beta Persei B. Thus, Algol's **magnitude** is usually near-constant at 2.1, but regularly dips to 3.4 every 2 days, 20 hours and 49 minutes during the roughly 10-hour-long partial eclipses. There is also a secondary eclipse (the "second minimum") when the brighter star **occults** the fainter secondary. This secondary eclipse can only be detected photoelectrically.* <https://en.wikipedia.org/wiki/Algol>
- Terry kindly showed a collection of Eclipse Glasses.

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

- New Horizons: Pluto May Have 'Nitrogen Glaciers'
<http://www.bbc.com/news/science-environment-33657447>
- Latest Pluto Data Shows Earth-Like Glaciers, Rapidly Thinning Atmosphere
<http://www.smh.com.au/technology/sci-tech/latest-pluto-data-shows-earthlike-glaciers-rapidly-thinning-atmosphere-20150724-gik9nn>
- China is Building an Absolutely Massive Radio Telescope
<http://io9.com/china-is-building-an-absolutely-massive-radio-telescope-1719983857>
- Sun-Like Star Found to Have an Earth-Like Planet in its Goldilocks Zone
<http://www.smh.com.au/technology/sci-tech/astronomy/sunlike-star-found-to-have-an-earthlike-planet-in-its-goldilocks-zone-20150723-gij5vd.html>
- Lick Observatory Joins Search For Intelligent Life in the Universe
<http://astronomynow.com/2015/07/21/lick-observatory-joins-search-for-intelligent-life-in-the-universe/>
- The Hunt for ET will Boost Australian Astronomy
<http://www.australasianscience.com.au/article/science-and-technology/hunt-et-will-boost-australian-astronomy.html>
- Prof Stephen Hawking Backs Venture to Listen for Aliens
<http://www.bbc.com/news/science-environment-33596271>
- Philae Comet Lander Falls Silent
<http://www.bbc.com/news/science-environment-33596274>
- Scientist Wowed by New Views of "Psychedelic" Pluto
<http://spaceflightnow.com/2015/07/14/scientists-wowed-by-new-views-of-psychedelic-pluto/>
- Pluto is King of the Kuiper Belt
<http://www.abc.net.au/science/articles/2015/07/14/4273268.htm>
- The Most Luminous Supernova
<http://www.skyandtelescope.com/astronomy-news/most-luminous-supernova-07131522/>
- Large Hadron Collider Discovers New Pentaquark Particle
<http://www.bbc.com/news/science-environment-33517492>
- Some Long-Duration Gamma-Ray Bursts are Driven by Magnetars
<http://www.astronomy.com/news/2015/07/some-long-duration-gammy-ray-bursts-are-driven-by-magnetars>
- Gigantic Early Black Hole Could Upend Evolutionary Theory
<http://www.astronomy.com/news/2015/07/gigantic-early-black-hole-could-upend-evolutionary-theory>

- A "Heart" From Pluto as Flyby Begins
<https://www.nasa.gov/feature/nasa-s-new-horizons-a-heart-from-pluto-as-flyby-begins>
- Earth Magnetic Shield is Older Than Previously Thought
<http://www.bbc.com/news/science-environment-33721393>
- Telescopes Team Up to Find Distant Uranus-Sized Planet Through Micro-Lensing
http://www.keckobservatory.org/recent/entry/telescopes_team_up_to_find_distant_uranus_sized_planet_through_micro_lensing
- Unusual Red Arcs Spotted on Saturn's Icy Moon Tethys
<http://www.jpl.nasa.gov/news/news.php?feature=4671>

CLOSURE AND FUTURE MEETING TIMES:

The next monthly meeting, will be **Monday 7th of September, 2015**, at **Boambee East Community Centre, Bruce King Drive** at **7:00pm**, all members and interested persons are encouraged to attend.

CHAS TELESCOPE:

Roberto Cornale
Secretary