



COFFS HARBOUR ASTRONOMICAL SOCIETY INCORPORATED

MINUTES AND NOTICE OF MEETING

MINUTES OF OCTOBER'S MONTHLY MEETING HELD AT
BOAMBEE EAST COMMUNITY CENTRE,
MONDAY 5th of OCTOBER, 2015.

PRESENT: 8 members & 2 guests

MEETING OPENED: with Vice President, Michael Hope in the chair.

APOLOGIES: Win, Brett, Peter, Michael W., Kevin, Robin, Geoff, Brian & Bernadette

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

BUSINESS ARISING FROM MINUTES: Nil.

CORRESPONDENCE:

IN: Nil

OUT: Nil

GENERAL BUSINESS:

- With Win unwell, Michael took the helm, assisted my Gerjo and Roberto to presented some of the Astronomical news of the month, along with a couple of videos
- Report on the open night on 21st September, 2015.
A dedicated team of members attended with telescopes, handouts and video presentations. This was welcomed by a small but enthusiastic group of the general public...Many of whom got to marvel on the views revealed by a telescope, for the first time.
A big thank you to everyone who assisted in the preparation and promotion of the night and to the members attended and assisted on the night, and in spirit, due to previous commitments.



THE TOPIC: Nil

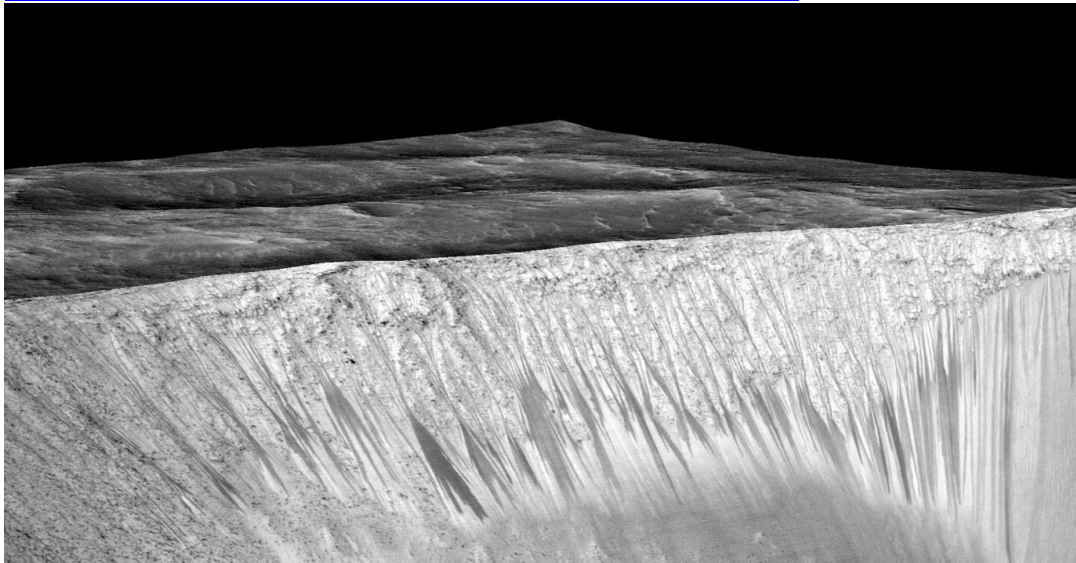
TOPIC FOR NEXT MEETING:

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

REPORTS FROM MEMBERS:

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

- **NASA Confirms Evidence That Liquid Water Flows on Today's Mars** <https://www.nasa.gov/press-release/nasa-confirms-evidence-that-liquid-water-flows-on-today-s-mars>



Dark narrow streaks called recurring slope lineae emanating out of the walls of Garni crater on Mars. The dark streaks here are up to few hundred meters in length. They are hypothesized to be formed by flow of briny liquid water on Mars. The image is produced by draping an orthorectified (RED) image (ESP_031059_1685) on a Digital Terrain Model (DTM) of the same site produced by High Resolution Imaging Science Experiment (University of Arizona). Vertical exaggeration is 1.5.

Credits: NASA/JPL/University of Arizona

- **Astronomers Resort to Crowdfunding to save Australia's Mopra Radio Telescope** <http://www.abc.net.au/news/2015-09-11/astronomers-rely-on-crowdfunding-to-save-telescope/6764262>
- **Dawn Team Shares New Maps and Insights About Ceres** <https://www.nasa.gov/feature/dawn-team-shares-new-maps-and-insights-about-ceres>
- **Red Dwarf Stars Provide Clues to How Planets Form** <http://www.abc.net.au/news/2015-09-16/red-dwarf-stars-provide-clues-to-planetary-formation/6777510>
- **SuperBloodMoon: Rare Total Supermoon Lunar Eclipse Captured by Sky Watchers Across Globe** <http://www.abc.net.au/news/2015-09-28/rare-super-blood-moon-wows-sky-watchers-across-globe/6811208>
- **Secrets of the Brightest Galaxies in the Universe May Be Unlocked by New Computer Model** <http://www.abc.net.au/news/2015-09-24/unlocking-secrets-of-brightest-galaxies-in-universe/6798956>
- **Too Big For Its Boots: Black Hole is 30 Times Expected Size** <https://www.ras.org.uk/news-and-press/2718-too-big-for-its-boots-black-hole-is-30-times-expected-size>
- **Mechanism of Explosions and Plasma Jets Associated with Sunspot Formation Revealed** http://hinode.nao.ac.jp/news/2015Lightbridge/index_e.shtml
- **Global Oceans Extends Across Entire Core of Saturn's Moon Enceladus, NASA Confirms** <http://www.abc.net.au/news/2015-09-16/nasa-mission-finds-global-ocean-on-saturn-moon/6780456>
- **Shrapnel From an Exploded Star** <http://www.sciencedaily.com/releases/2015/09/150924104420.htm>
- **Messier 17 is a Cosmic Rose With Many Names** <http://www.abc.net.au/news/2015-09-28/messier-17-nebula-cosmic-rose-in-milky-way/6804806>
- **Sounds of Science: The Radio Magnetar, A Pulsar That Broke the Rules** <http://www.abc.net.au/news/2015-09-10/radio-magnetar-the-pulsar-that-broke-the-rules/6761650>

CLOSURE AND FUTURE MEETING TIMES:

The next monthly meeting, will be **Monday 2nd of November, 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