



**IMAGINE
ROTARY**

Rotary



Club of Tamworth First Light

MEETING 1620 ISSUE 15 WEDNESDAY 28th Sept 2022



Rotary Year 2022 - 2023

District Governor	Neville Parsons
President:	Richard Hardwick
Secretary:	Vicki Cooper
Treasurer:	Dennis Maunder

Members at the Astronomy Club Wednesday



Richard's Notes

Quote of the Week:

Man must rise above the Earth—to the top of the atmosphere and beyond—for only thus will he fully understand the world in which he lives.

Socrates, Philosopher

Joke of the Week

I got my daughter a refrigerator for her birthday.
I can't wait to see her face light up when she opens it.

Another well fantastic breakfast from our in-house caterer Brian Logan with a massive cooked breakfast at the Tamworth Regional Astronomy Centre. The efforts that Brian and his team do is well appreciated by all in the Club.

It was a great presentation by Brodie Shields on the APT Telescope, it is amazing the talent among the group involved to get the refurbishment underway and a big thank you to Brodie to making the venue available for the Club.

The Stand Tall program is on 27 October 2022, if you have some time available please think about volunteering to support this program and use the link in the Bulletin to register.

If there are any more members who wish to send me an email around the Book Shed opportunity mentioned at last week's meeting, please send through this week so it can be part of the discussion.

Our meeting will be back at Wests next week.

Rich



Rotary News

Guess Who's Coming to Dinner!

A huge thank you to our hosts – Steve Martin, Brian Logan and Sue O'Connor and to members and partners who joined in the fun. A great night had by all parties!



Host: Steve & Ruth Martin





Host: Sue O'Connor



Host: Brian & Deb Logan



Awarded to only 11 clubs in D9660 for meeting their goals set for the Rotary year.

Congratulations to First Light

I think we are well on our way to earning a second citation this year!

2021-22 ROTARY CITATION



Awarded to the Rotary Club of

Tamworth-First Light

for helping **Rotary serve to change lives** of people all over the world.



A handwritten signature in black ink that reads "Shekhar Mehta".

Shekhar Mehta
President, Rotary International

Guest Speaker Notes – Tamworth Regional Astronomy Club

Since its opening, the Tamworth Astronomy Club (TRAC) that manages the Centre has acquired two more very large instruments, currently housed at Moonbi, where TRAC life member and Club Patron Raymond McLaren of Andromeda Engineering has kindly provided his Aerospace Workshop.

One is the Uppsala Southern Schmidt Telescope built for the Uppsala University in Sweden and installed at Siding Spring until donated to TRAC in 2021. The other, and the subject of this article, is the Baker-Nunn Camera (BNC) owned by the University of New South Wales (UNSW) and recently donated to TRAC.

This camera is a United States version of the English Hewitt camera currently in service at the A&SC here in Tamworth. Both were built in the same era and for the same purpose. Commissioned by the Smithsonian Institute in the mid-1950s during the Cold War, 17 of these cameras were designed and built to track missiles and the very early artificial satellites. Twelve were distributed around the world, one being installed at Woomera in South Australia. A further five were built for the US military. After several years of service, the Woomera unit was donated to the Australian National University where it was stored unused for several years, then donated to UNSW and put into service at Siding Spring.

The UNSW undertook a major upgrade to the BNC by replacing the celluloid film system with a digital imaging system, re-shaping the top corrector and field flattening lenses and computer automating the system so that it could be operated remotely by anyone from anywhere. With these modifications, the UNSW renamed the camera the Automated Patrol Telescope (APT).

In 2013, a major bushfire severely damaged the services to the building, and partly damaged the BNC as well, resulting in its de-commissioning. Sadly, it remained untouched for several years until it was donated to TRAC and moved to Tamworth in 2021. Thus began the second lease on life for the BNC.

TRAC has now committed to re-furbishing the APT to a fully functional instrument using the latest technology. Accordingly, a team of TRAC members led by Raymond McLaren with Brodie Shields, Barry Gilbert, John Maude, Peter Best and Phil Betts has been assembled to undertake the project that is expected to run up to two years. The team has been in contact with academics and experts locally and overseas who are taking a keen interest in our progress.

Many hundreds of man-hours and thousands of dollars of donations-in-kind have been expended so far in preliminary work.

The machine is now fully dismantled, the large 34-inch (86 cm) 160kg mirror is being prepared for re-coating and the top lens is being prepared for polishing here in Tamworth with a machine purpose-built for the job by TRAC members. Some major works yet to be done include the design and manufacture of a mounting assembly for the new digital camera cell and the design of an electronic control system so the camera can be computer-controlled.

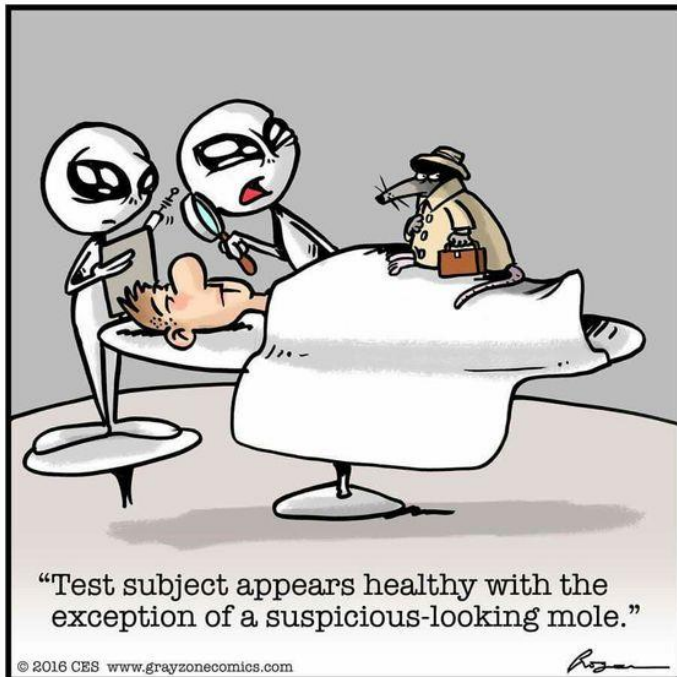
Once completed, the BNC will be a world-class scientific instrument. In fact, we already have interest from some institutions to lease the camera for their own research. This is a brief history of the BNC and a report on the early progress by TRAC members. The writer intends to publish further articles as the project progresses.

An astronomy club is not just about peering through an eyepiece at some distant star. There are many projects, not as big as this one, that members can be involved with. Further information can be obtained by visiting

www.tamworhastronomy.com.au

Presented by: Brodie Shields

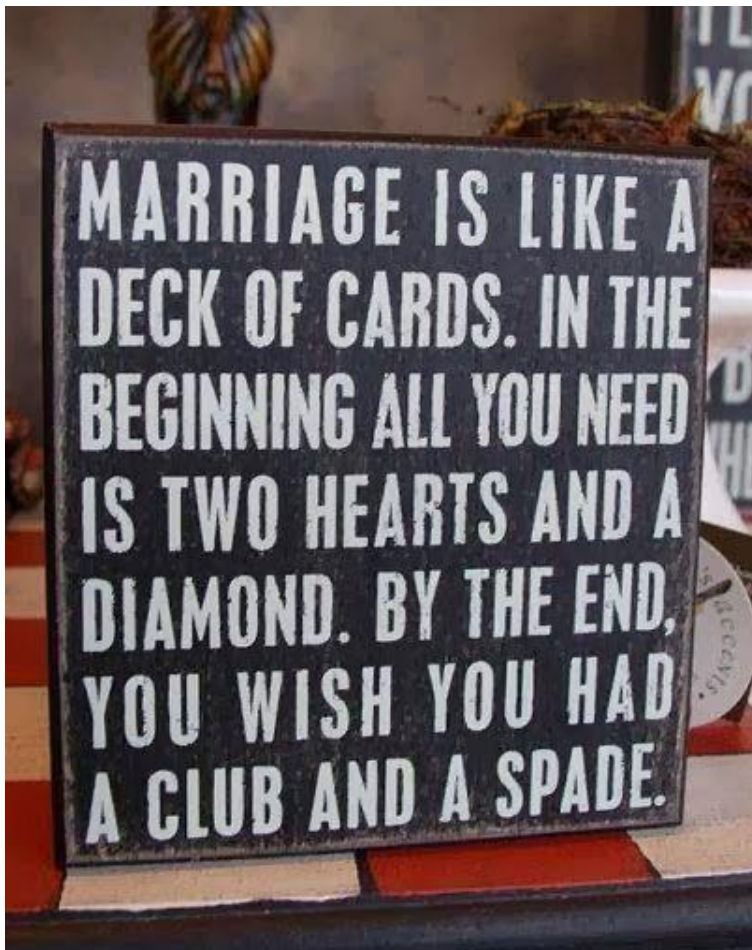
Funny Corner





off the mark.com


by Mark Parisi





Notices:



StandTall Event:

Requires volunteers - please assist register via QR Coded

 **WHEN:** Bump in/Rehearsal Day 26 October 2022
and/or Event Day 27 October 2022

 **WHERE: TRECC Tamworth**
Greg Norman Dr, Hillvue, NSW

 **FOR MORE INFO AND TO REGISTER:**
Scan the QR code here



Golf Day

First Light Golf Day is back again (fingers crossed it's not need your dingy weather again) At Tamworth Golf course on Friday, 11th November commencing at 11:10am.

All Rotarians and friends are invited to enjoy a day of friendship and fun.

Non golfers are especially catered for with a BBQ lunch provided.

The cost is \$40 including lunch.

Book via Tamworth Golf Club pro shop on 02 6765 9980.

Contact Vicki Copper for more info on 0412 402 215.

Donation of Raffle items:

Dimity & Marina are asking for donation of items that can be raffled as part of the Art Gala event. Contact either of them if you're able to assist. Thank you!!

The Golf Committee are also seeking donation of items for their prizes, they will accept anything.

Book Shed:

We have been approached by The Rotary Club of Tamworth to assist with volunteers at the Book Shed in return for funding. If you have any feedback or questions you'd like to ask regarding this potential project, please email/ text Richard. As with any project due consideration needs to be given by the board before accepting a project.

Rotary Events Calendar	Date
Zone 8 Conference - Canberra	28 - 30 Oct 2022
District Showcase & AGM – Tamworth	26 – 27 Nov 2022
District Conference – Tamworth	24 – 26 Mar 2023
Rotary International Convention – Melbourne	27 – 31 May 2023 (register now)

Social Calendar	Date
<ul style="list-style-type: none"> • Post Office Raffles Social Night • Lunch Social Walk 	<ul style="list-style-type: none"> • 3rd Friday of the Month • Mondays 12.30pm, Bi Park Gates
<ul style="list-style-type: none"> • Paint & Sip • Annual Golf Charity Day • First Light Art Gala 	<ul style="list-style-type: none"> • 8th October - RSVP now • 11th November • 19th November

Tamworth First Light Website - <https://www.tamworthfirstlight.org.au/>

Our Club Facebook - <https://www.facebook.com/tamworthfirstlightrotary>

Member Portal Link: <https://www.dacdb.com/> (This one lets you find phone numbers for other members!!!)

President - Richard Hardwick	Secretary - Vicki Cooper
Treasurer - Dennis Maunder	Executive Secretary - Brodie Shields
Club Admin - Liz Gill	Membership - Louise Mathews
Public Relations - Peter Bell	Community Service - Steve Martin
Youth - Dimity Betts	Rotary Foundation - Steve Hawkins

The Object of Rotary

The Object of Rotary is to encourage and foster the ideal of service as a basis of worthy enterprise and, in particular, to encourage and foster:

- **FIRST.** The development of acquaintance as an opportunity for service.
- **SECOND.** High ethical standards in business and professions; the recognition of the worthiness of all useful occupations; and the dignifying of each Rotarian's occupation as an opportunity to serve society.
- **THIRD.** The application of the ideal of service in each Rotarian's personal, business, and community life.
- **FOURTH.** The advancement of international understanding, goodwill, and peace through a world fellowship of business and professional persons united in the ideal of service.

Tamworth - First Light

Meets each Wednesday

6:30 for 7:00 am

West League Club

Chillingworth Room

Phillip Street

South Tamworth

Club Officers and contact details

[President — Richard Hardwick](#)

[Secretary — Vicki Cooper](#)

[Treasurer – Dennis Maunder](#)

Other Clubs meet:

Monday PM – Tamworth West

Tuesday PM – Tamworth

Wednesday PM - Calala

Friday AM - Sunrise

Seven Areas of Focus



Rotary Grace

O Lord and giver of all good
We thank Thee for our daily food
May Rotary Friends and Rotary ways
Help us to serve Thee all our days

The Four-Way Test

of the things we think, say or do

1. Is it the TRUTH?
2. Is it FAIR to all concerned?
3. Will it build GOODWILL and BETTER FRIENDSHIPS?
4. Will it be BENEFICIAL to all concerned?

	28 th September	5 th October	12 th October
Topic	Occupational Therapy (Cancer Rehab & Parkinson's)	Tamworth Regional Council update	TRC Sustainability Plan
Location	Wests	Wests	Wests
Guest speaker	Ben Willis	Mayor Russell Webb	Ashley Smith
Sergeant	Malcolm Turnbull	Malcolm Turnbull	Malcolm Turnbull
Corporals (fortnightly)	Ian Howle Steve Massey	Ian Howle Steve Massey	Val Hellmann Brian Logan
Meeter & Greeter	Helen Tickle	Graham Dooley	Phil Penman
Door Team	Brett White Nina Wrathall	Peter Ryan Courtney Priestley	Steve Martin Laurence Hearne
President Assist	Brian Logan	Luke Massey	Terry Robinson
Visitor Assist	Dimity Betts	Helen Tickle	Mitch Soree
Welcome	Michael Smith	Liz Gill	Brian Thompson
Bulletin Notes & Introduction	Sue O'Connor	James Treloar	Naomi Blakey
Vote of Thanks	Paul Stevenson	Hannah Woods	John Rouvray

POST OFFICE RAFFLE – FRIDAYS - 6:00 – 7:00PM

30 th September	7 th October	14 th October	21 st October
Richard Walker Naomi Blakey	Naomi Blakey Glenn McIntosh	Glenn McIntosh Bev Fletcher	Bev Fletcher Peter Ryan

BIRTHDAYS, ANNIVERSARIES, AND INDUCTIONS

Members Birthdays	Vicki Cooper, 30 Sept & Richard Walker, 2 Oct
Partners Birthdays	Pam Shields, 29 Sept
Anniversaries	Nil
Club Induction	Nil

Attendance	73%
Make-Ups	Nil
Visiting Rotarians	Philip Smith, Ed Alzaree (Crows Nest)
Visitors	Izaak Ewin
Heads & Tails	Skinner
Raffle	Skinner

Now you have read the roster, make sure you read the rest of the bulletin!!