

RANGERS' REVIEW



Our values



- FRIENDLY AND INCLUSIVE
- PARTICIPATION IS ENCOURAGED
- BEING RESPECTFUL TO EACH OTHER AND THE ENVIRONMENT
- VISIBLE AND TRANSPARENT
- TO UPHOLD THE EXCELLENT REPUTATION OF MOUNT LOFTY RANGERS 4WD CLUB

Phils Phinkings



Hi All, Welcome to 2023.

I hope you've all had a successful, pleasant and safe Christmas and New Year. I personally, have enjoyed being able to relax with family and friends whilst stepping back from email, TV and social media. I love it when you have people visiting and you get to see your back yard freshly through their eyes. Even my daughter who now lives interstate, had forgotten just how lucky we are living in Adelaide and how beautiful it's surrounding beaches and regions are, despite growing up here and holidaying in



Phil Simes, President

those exact locations! Oh..., and I've even managed to complete a jigsaw puzzle! (It took over a week, almost got flung across the room more than once and I had lots of help but I still kinda enjoyed it!)

So now, as you all get back into the swing of the day to day stuff, can I ask you to all give some thought to what you'd like to see from your 4WD club?

From guest speakers at club meetings to clubs trips, places to go etc. Show us those places that you love, or have heard about. I'd like to hear your thoughts and ideas.

Send me an email or come and chat at a meeting, to me or any of the committee members. For that matter, maybe give some thought to becoming a little more involved and join the committee! It's not difficult at all and not the type of thing that takes too much of your time either. We'd love to have some fresh faces involved!

I'm looking forward to a new year of trips, fun driving and relaxing camping around this amazing country.

Finally, get your car cleaning gear out this weekend and polish those gear stick knobs ready for the Annual Show and Shite (Oops, that should be Shine) and the Jan club meeting this Monday, 9th Jan! It's a really good chance to show off your setup, and get some inspiration from what others have done to their 4bies.

See you all there!

Your committee





PRESIDENT
Phil Simes
president@
mountloftyrangers.com.au



VICE PRESIDENT
Tom Doody
vp@mountloftyrangers.com.au



TREASURER
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treasurer@
mountloftyrangers.com.au



SECRETARY
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TRIPS CO-ORDINATOR lan McFarland trips@mountloftyrangers. com.au



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GENERAL OFFICER
Paul Mildrum
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Committee roles



Committee members are elected by the members for the members. They are volunteers who kindly donate their time to represent the member's interest in the day to day running of the Club, are you:

- 1. Interested in putting your hand up to help this club get even greater?
- 2. Not sure what role you'd like or what's involved?

Keep reading for a brief description of each role:

President: - Convenes all meetings of MLR. Meeting with 4WDSA to push the MLR interests. Sponsor Liaison.

Vice President: - Facilitate monthly topic of interest e.g. guest speakers, awareness sessions etc. Becomes acting President when the President unavailable.

MLR club registration officer.

Treasurer: - Looking after club financials. Sponsor liaison.

Secretary & Public Officer: - Minute taking for meetings. Correspondence in and out.

Trips Coordinator: - Primary point of contact for members trip planning, advice and attendance sheets. Communicates trip calendar to members.

4WDSA Delegate: - Attends bi-monthly 4WDSA meetings and is the voice of MLR, also reports back on any relevant information from 4WDSA that affects MLR.

Membership officers (1 lead & 2 x assistants): - First point of contact for visitors that come to MLR, keep track

of member attendance at club meetings and criteria for membership acceptance, welcome visitors and link them with a buddy, run the club night raffle and pay for any birthday drinks.

Website officer: - Maintain and update MLR website and Facebook administration.

Merchandise officer: - Organises clothing and other club approved merchandise for sale to members.

Property Officer: - Looks after club property and trailer, by maintaining where appropriate and lends equipment out to members.

Education Officer: - Organises club training and awareness days. Liaises with 4WDSA Driver Training Unit for wider training opportunities.

Magazine editor: - Collates all material to go into club magazine - photos, trip reports, jokes, interesting 4WD related stories sourced elsewhere. Facebook administration.

Committee Member: - Supports other Officers of the committee, and helps with club events and trips where needed. If you would like to share your experience and contribute to the running of the club, please speak to a current committee member to obtain a nomination form.

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About us



The Club's aim is for its members to enjoy all aspects of owning and using our 4WDs while enjoying the diverse surroundings offered by this great country. We are a club of 4WD enthusiasts who enjoy challenging driving, regular trips, camping, camp cooking and a great social scene on and off track.

MEMBERSHIP

Membership is open to anyone who owns a 4WD (regardless of its make or model) and has a passion for driving. Mount Lofty Rangers Inc is an affiliated member of the South Australian Association of Four Wheel Drive Clubs (FWDSA).

CLUB OUTINGS

The Mount Lofty Rangers provides regular day, weekend and extended four wheel drive trips, lead by experienced trip leaders. Trips are rated on the level of difficulty and are available to all members and guests.

The club has a dedicated social committee which also organises regular events that complement the club trips.

EXPERIENCE AND TRAINING

Our current members possess a wide range of skills ranging from beginner to advanced. The club has a number of accredited instructors and assessors, and is involved in regular training via the SAAFWDC Driver Training Unit.

MEETINGS

Club meetings are the second Monday of each month* and are held at the Blackwood Football Club, Trevor Terrace, Blackwood Time: 7:15 pm for 7.30pm start

*Except where this Monday falls on a long weekend then the meeting is held on the third Monday of the month.

For more information on the Club please check out our website at: www.mountloftyrangers.com.au

MT LOFTY RANGERS UHF CLUB CHANNEL 27

What we offer



- Inexpensive, hassle free membership to anyone with a 4WD (this is a requirement) regardless of make or model after a qualifying period (attending three Club activities, one of which must be a Club trip)
- Promote inclusiveness and participation
- Collaborative and safe environment
- Friendship
- Variety of events, trips and gatherings
- Flexibility/informality
- An opportunity to share experiences and knowledge with other like-minded people
- Training and awareness in the safe use of your 4WD and recovery techniques
- Opportunity to do trips which you might not otherwise do on your own









January Meeting



HER ANNUAL STOWNS ST

MONDAY 9TH JANUARY

Get the wax out and start polishing!

Our January meeting is always a bit of fun with a "tongue-in-cheek" Show 'n Shine event.

You never know what part of your rig the judges are going to award a prize for, so either cover all bases or just hope they don't check the fuel cap or open the bonnet!

Come along for a fun social night and have a look around at everyone's different set ups, you never know where that next brilliant idea for your own set-up might come from.







Trip Report



Salt Creek Fishing Competition Friday 25th - Sunday 27th Nov 2022



A small group of keen members met at the Meningie Bakery at 8am and before setting off for their final journey to the Coorong, we charged ourselves with the required caffeine hit. The trip through the Coorong was spectacular as the water levels of the lakes /inlets were at unprecedented heights in my lifetime. The most notable water crossing as seen on numerous YouTube clips was so high it was impassable.

Eric and the team safely guided us across the undulating beach which felt like it took forever, as anxiety and uncertainty was dissipated and my confidence in my capabilities to traverse this without getting bogged increased. This was the first time I had driven on beaches that were soft and with water so close to the cars and yet this was low tide.

The Camp site was fantastic, it was sheltered and only a small walk to the actual beach shore where we fished throughout the next few days and night, maximizing the knowledge of the tides and times to best be successful.



Trip Report













Everyone had some success, hooking up a fish or two, though mine was not much bigger than the bait I was sending out, but among others catching sharks, rays, skates and other species, Rob was the winner with a decent catch of salmon.

Weather was brilliant and couldn't be any better for the trip.

Camaraderie was the winner in this trip and despite me spending most of my time untangling meters of line, there was a profound sense that we all had an epic time. This was a new experience, and I thoroughly enjoyed the company and learning new skills from seasoned and experienced rangers.

I appreciated the time, planning, preparation, and effort by Eric and the team Thanks again and get out there rangers and have a go as we never stop learning.

Meetings & Trips



FUN & RECREATION

JANUARY 2023

MONDAY 9th JANUARY - 7.30pm MLR CLUB MEETING

SHOW 'N SHINE

Blackwood Football Club, Trevor Terrace, Blackwood

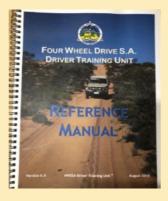
JANUARY 2023

Contact: Phil Simes

THURSDAY 26th SUNDAY 29th JANUARY
BEACHPORT - SOUTHERN OCEAN
TOURIST PARK

EDUCATION & AWARENESS

Email: education@mountloftyrangers.com.au for more information or to organise one-on-one or group awareness training.



4WD EDUCATION
HANDBOOKS ARE
AVAILABLE THROUGH
GLENN LAWSON
COST: \$30.00 each

Email: education@ mountloftyrangers.com.au

Club Trip



Beachport 2023

Thursday 26th - Sunday 29th January

PLEASE NOTE!

All those heading to Beachport, you must pay your yearly membership fees prior to attending. See Kylie with any questions.

• Existing Members \$90 • New Members \$110

As is the tradition, Mount Lofty Rangers 4WD Club will again be heading to Beachport for the Australia Day long weekend.

Southern Ocean Tourist Park have currently placed 25 sites on hold for MLR in Section D.

I'll have a Section map at the Sept and Oct meetings where you can put your name down on your favourite site.

Payment of the deposit and confirmation of arrival/departure dates is then your responsibility, by contacting the Southern Ocean Tourist Park and paying the required deposit, which I believe is \$100, explaining that you are with MLR and quoting the site number.

We have until the end of Nov to put deposits down, to reserve your site, after which unreserved sites will be made available to the general public. If we get a good response, we can also gain access to additional sites if required.

Additional info, site map etc. to be sent out in due course.

Contact: Phil Simes







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For more information visit REDARC.COM.AU/GOBLOCK

For Sale



kronings

'Camper Trolley' (CT 2,500) Caravan Mover





Images of actual item for sale below:





I use exactly the same model to move our Hybrid van over lawn, pavers and concrete over 40 metres each way with ease for 6 years so thoroughly recommend this product. It enables me to negotiate tight turns and reasonable slopes not possible reversing with the 4WD.

Knowing the cost and inconvenience of having a damaged van repaired it is worth considering using this type of mover if you require one.

I'm advertising this for friends who find it surplus to their needs now.

Please call me for more information or a demonstration.

Asking price \$2,750ono... Note new price \$4,400+

Contact: STEVE BROWN 0412 416 664

Membership Fees





The Santas (both Evil and Good) have done their thing and the 2022 Membership Year is done. In line with the changes to the Membership Year, all memberships are now due for renewal.

This membership year is for a full 12 months from 1st January 2023 to 31st December 2023.

Please check your emails for the reminder notice.

Please note: Our By-Laws state non-financial members "are not allowed to take part in club activities without prior Committee approval." If you are heading to Beachport, please ensure your membership fees are paid.



Overview

Officially, there is no centre of Australia. This is because there are many complex but equally valid methods that can determine possible centres of a large, irregularly-shaped area - especially one that is curved by the earth's surface.

However, numerous attempts at reaching and defining Australia's centre were made during the country's early pioneering days:

"Let any man lay the map of Australia before him, and regard the blank upon its surface, and then let me ask him if it would not be an honourable achievement to be the first to place foot at its centre. Men of undoubted perseverance and energy in vain had tried to work their way to that distant and shrouded spot."

Thus said Charles Sturt in November 1845, who at the age of forty-nine, and partially blind from earlier expeditionary work, left his beloved wife Charlotte and started on a third and final expedition - this time aimed straight at the heart of the continent. There, he believed he would find 'a large body of inland waters', so he equipped the expedition with a boat for sailing on this mythical sea. Instead, he discovered a sea of seemingly endless sand dunes - the Simpson Desert - and temperatures so extreme they shrivelled his supplies, prostrated his horses and burst his thermometer.

"I looked upon Central Australia as a legitimate field, to explore which no man had a greater claim than myself" he said.¹

Whilst drought and extreme heat thwarted Sturt's attempts, little did he envisage that one of his party, John McDowall Stuart would instead, sixteen years later, claim the mantle of reaching the geographic centre.

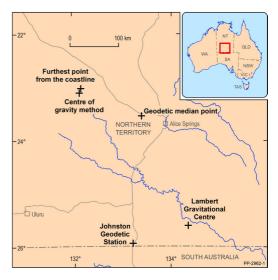
"Sunday, 22 April 1860, Small Gum Creek, under Mount Stuart, Centre of Australia - today I find from my observations of the sun, 111° 00' 30", that I am now camped in the centre of Australia. I have marked a tree and planted the British flag there."



Five possible centre points of Australia

Over time and with ingenuity, several other methods for calculating the possible centre of mainland Australia have been developed. Covered in more detail below, the results enclose an area which includes the town of Alice Springs and the MacDonnell Ranges, two icons of central Australia.

For the states and territories, we have used a simple conical projection, and reprojected the coordinates using the Australian Geodetic Datum (AGD66) and ArcInfo Software by ESRI. The results are compatible with most paper maps currently in use, but are



based only on the mainland areas of each State and Territory.

(Look out for these in next months magazine)

Centre of gravity method

More than 50,000 digitised points representing the coastline of mainland Australia were assigned a unit weight. The moments were calculated assuming equal units of latitude and longitude, the latter varying with the cosine of latitude. So what does all this mean? Imagine you had a perfect cut-out of Australia, with thousands of tiny weights distributed along the perimeter. The centre would be the place where you could balance the cut-out on a pin, and it would be perfectly horizontal. The results for this method would be:



23° 07' South, 132° 08' East; position on SF53-13 Hermannsburg 1:250 000 and 5351 Glen Helen 1:100 000 scale maps.



Lambert gravitational centre

In 1988 the Royal Geographical Society of Australasia determined, as a Bicentennial project, the geographical centre of Australia. A monument was erected to mark the location and named in honour of Dr. Bruce P Lambert, a former Director of the Division of National Mapping, for his achievements in the national survey, levelling and mapping of the continent. Similar to the centre of gravity method, the location was calculated from 24,500 points at the high water mark of Australia's coastline.



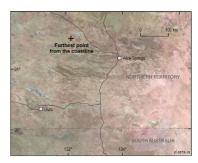
In the 1930s when Dr C.T. Madigan travelled through Central Australia he calculated the centre of gravity by using a metal cut-out of Australia with a plumb bob and string. His crude measurement was surprisingly accurate as he selected a point less than 11 kilometres due west of this present position.

The computed result of the 1988 project was:

25° 36′ 36.4″ South, 134° 21′ 17.3″ East; position on SG53-06 Finke 1:250 000 and 5746 Beddome 1:100 000 scale maps.

Furthest point from the coastline

A series of concentric circles drawn on transparent material were moved over the top of a 1:5 million scale map of Australia until one circle was found to touch the coast at three points. Think of it as the largest perfect circle that could be drawn anywhere inside Australia that only just touches the coastlines. The centre of the circle was then marked and the coordinates scaled from the map. This method resulted in a good agreement with the centre of



gravity procedure. This is remarkable, and due to Australia's shape rather than any general rule of correlation between the two methods.

23° 02' South, 132° 10' East; position on SF53-13 Hermannsburg 1:250 000 and 5351 Glen Helen 1:100 000 scale maps.



Geodetic median point

The geodetic median point was calculated as the midpoint between the extremes of latitude and longitude of the continent. Basically what this means is that a box was drawn around Australia, just touching the northern, eastern, southern, and western-most points on the mainland of the continent. The geodetic median point is the location of the intersection the two geodesic² lines joining the four corners. The geodetic median point will be



the point where the ellipsoidal distance of the four geodesic lines joining the median point to each corner will be the same. Vincenty's formulae was used to compute the value of the equidistant ellipsoidal distance on the GRS80 ellipsoid, which came to 2,576,291.952 metres. What's interesting though is this; both this method and the furthest point from the coastline method produce coordinates that are within the ball-park of the other weighted methods. That means that despite the irregular coastline, Australia's distinctive shape actually has a relatively high degree of symmetry.

23° 33' 09.89" South, 133° 23' 46.00" East; position on SF53-13 Hermannsburg 1:250 000 and 5551 Amburla 1:100 000 scale maps.

2. A geodesic is the shortest line between two points on an ellipsoid.

Johnston Geodetic Station

This trigonometric survey cairn, situated about one kilometre north of Mt Cavenagh Homestead, was built by officers of the Division of National Mapping in 1965, and was once the central reference point for all Australian surveys. It was named after Fredrick Marshall Johnston, former Commonwealth Surveyor General and the first Director of National Mapping. Today, surveys are based on the Geocentric Datum of Australia (GDA), a new and more accurate Australian



coordinate system which has replaced the Australian Geodetic Datum (AGD) of which the Johnston station is a major part. Further information on datum types and their applications is available from the geodesy pages, or from the Inter-governmental Committee on Surveying & Mapping (ICSM).

25° 56' 49.3" South, 133° 12' 34.7" East; position on SG53-05 Kulgera 1:250 000 and 5546 Kulgera 1:100 000 scale maps.

Club equipment



The Club has a variety of tools and items available for loan at no charge to members, items can be used on club trips/events and any other relevant club activities.

Items available include:

- Grate mates
- Uniden UHF handheld radios
- Tyre repair kit (large & small)
- Bead breaker
- Gazebo 3m x 3m
- Hot water urn and kettle
- Tifor hand winch and cable
- Car Bra
- Trestle tables, plastic folding 1.8m (x2)
- Recovery bag (inc snatch straps, extension strap, tree trunk protector and shackles)

Note: All club equipment is securely stored within the club trailer at Lonsdale

For further information on any loan equipment, please email Property Officer: property@mountloftyrangers.com.au or speak to him at any club meetings.

Sponsors





10%
discount for MLR
Club Members



Specialising in:

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- Full range of aluminium commercial windows and doors
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Phone: 8268 8808 Email: ron@aawindows.com.au

Raffle Winners



Congratulations

to all the raffle winners!





Thank you again to our sponsors for providing these great prizes.

We will also be donating part of the proceeds from the raffle to Lion Hearts Learning, a registered charity helping children with cancer to live their best lives under tough circumstances.







Birthday Drinks





PLEASE SEE KYLIE AT
THE CLUB MEETING FOR
YOUR COMPLIMENTARY
BIRTHDAY DRINK



Global pub grub served in a relaxed yet stylish venue with outdoor tables & a play area for kids.

- BISTRO MAIN BAR SPORTS BAR
 - DEN & GAMING FUNCTIONS •

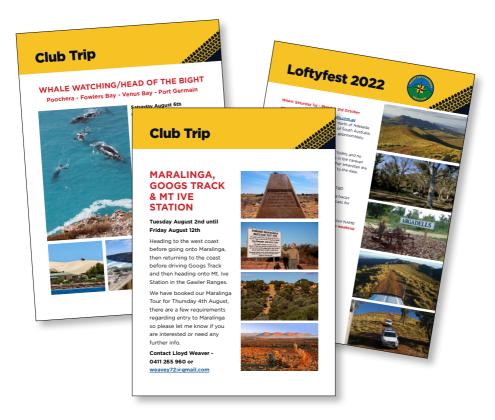
141 Main Road, Blackwood SA 5051

Ph: 08 8278 8777 www.belairhotel.com.au

Club Trips Info



Planning a Club Trip/Event?



Just send me as much detail as you can and I will put together something to go into the magazine leading up to your trip/event.

Cheers, Lloyd

magazine@mountloftyrangers.com.au

Sponsors







Here at Tyrepower Blackwood we are your one-stop shop for tyres, aftermarket wheels, brakes, suspension upgrades, vehicle servicing and of course wheel alignments.

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\$60



Mount Lofty Rangers 4WD Club Womens Sub Polo

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Mount Lofty Rangers 4WD Club Mens Long Sleeve Sub Polo

\$70



Mount Lofty Rangers 4WD Club Womens Long Sleeve Sub Polo

\$70



Mount Lofty Rangers 4WD Club Mens Polo

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Mount Lofty Rangers 4WD Club Softshell Jacket

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Mount Lofty Rangers 4WD Club Vest

\$55



Mount Lofty Rangers
4WD Club Hooded Jacket

\$50



Mount Lofty Rangers 4WD Club Rugby Top 1

\$50

Merchandise





Mount Lofty Rangers 4WD Club Rugby Top 1

\$50



Mount Lofty Rangers
4WD Club Beanie

\$20



Mount Lofty Rangers 4WD Club Cap

\$20



Mount Lofty Rangers
4WD Club Bucket Hat

\$20

Available in all sizes with no minumum orders!

Click on the link below to place your order:

https://www.sportscentre.com.au/product-category/ clubs/racing/mount-lofty-rangers-4wd-club/

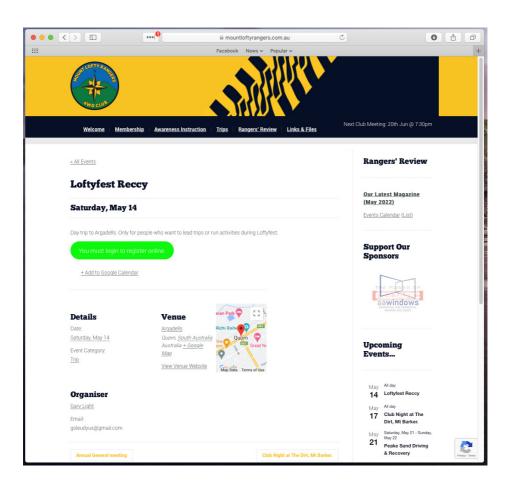
Should you have any questions please contact Tom Doody merchandise@mountloftyrangers.com.au

Trips Registration



Don't forget that all current members can register for any club trips/events via the website, simply log-in and register your details.

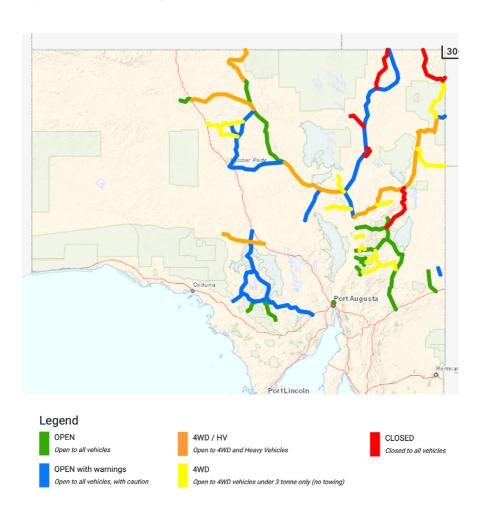
https://mountloftyrangers.com.au/trips/



Outback Roads



Planning a trip in outback South Australia? Be sure to get the current road conditions at https://www.dit.sa.gov.au/OutbackRoads



Historic Car Registry



A 90 day conditional registration scheme For Historic, Left Hand Drive and Street Rod vehicles.

Members of Mount Lofty Rangers 4WD Club are eligible for Club Registration of Historic, Left Hand Drive and Street Rod vehicles through the club.

- Inspect vehicle and make sure it meets the criteria for Club Registration.
 If previously registered bring current registration information including current permits for modified vehicles.
- Complete MR334 form and original to owner and copy retained by Mount Lofty Rangers 4WD Club
- 3. Log book supplied to vehicle owner and explanation of the use.
- 4. Record and retain a copy of MR334, Certificate of Exemption and Statutory Declaration if needed.
- Record the Log book Serial Number on the Certificate of Registration along with the date of issue, the Club Stamp and sign the certificate.
 Retain Copy of Registration papers as proof car was registered at log book issue.

IF YOU HAVE CLUB REGO PLEASE ENSURE THAT YOUR BOOK IS STAMPED

If you require more information or would like to proceed with a Club Registration check our website:

https://mountloftyrangers.com.au/membership/club-registration/or contact Chris Grear secretary@mountloftyrangers.com.au









NEXT CLUB MEETING:

MONDAY 13th FEBRUARY - 7.30pm

NEXT COMMITTEE MEETING:

MONDAY 23rd JANUARY - 7.00pm

