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Twinned with SOCA East

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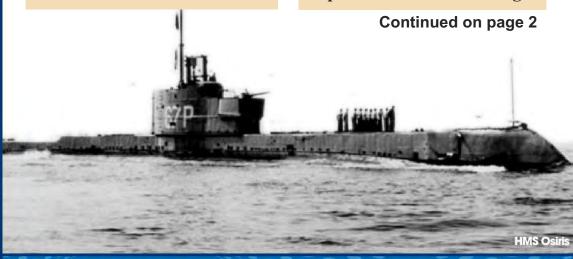


# CHAIRMAN'S November Word

I am hogging both the front page and Chaplain's spot this month by writing in place of John, who sends his greetings, and assures us that he is feeling a lot better, and that his hearing is on the mend. Also he would like to thank the anonymous donor for the use of the "state of art" hearing aid, unfortunately the donor did not leave a return address. If there is no response to this appeal by



After all the preparation for the Dreadnought 50th Anniversary the event has come and gone thank all branch and members involved, who can be justifiably pleased for a task well done, and this includes the excellent Special October **Dreadnought** Celebration Newsletter from Ben Britten our editor. My contribution of writing a simple graveside service of dedication and prayer, plus the printing of a custom commemorative card to mark the event seems small in comparison. Whilst I must admit it was quite strange for me to be conducting a simple service alongside a newly comheadstone missioned someone who had died 108 years ago. I also found it thought provoking to think that John Henry Curtis was the first of thousands of Submariner's to "Cross the Bar". For interest I have included the passage of scripture read as the closing



## CONTENTS

2) C26

3) HMS Osiris

4)Barrie Downer

6) HMS Artful Chinese Nukes

7) Obits

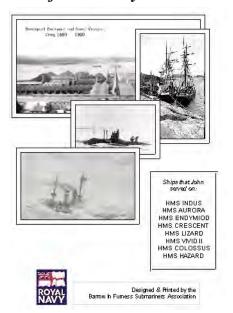
8) Birthdays & Info

Monthly Sub Quiz Book Shelf Dreadnought Week End Pictures

AAA

words of the service; part of the 1908 Coroners Report: and replicas of the front and back pages of the card.

They will beat their swords into ploughshares and their spears into pruning hooks, nation will not take up sword against nation, nor will they train for war anymore.





John Henry Curtis Leading Stoker 1 Class 1865 - 1902

The Coroners Court Verdict stated that John had accidentally drowned by suggesting that he had returned to his ship using the wrong gangway and so slipped and fell into the dock.

Being a pragmatist and not wishing to be mirch the good name of John Henry Curtis. I documentary seen evidence held by T.P.S. that also states in true Submariner Stoker tradition that alcohol was suspected as being a contributory factor. So not only have we now blessed a space occupied by the First Submariner to "Cross the Bar". We could also reflect on, what may have been the first of many blinding Stoker Submariner Runs Ashore.

Regards Jonsey

Wednesday 9th June, 1909

A serious accident occurred on Submarine C26 in the North Sea, north of Berwick on Wednesday morning and three of the crew are in Edinburgh Royal Infirmary suffering from injuries. C26 was one of the fleet of submarines bound for Dundee accompanied by the parent ship HMS Vulcan.

After Berwick had been passed. an explosion petrol, it is stated occurred on the boat named and three sailors who were in the immediate vicinity were seriously burned otherwise injured. Signals indicating that an accident had occurred were made and HMS Hazard, which was steaming with the submarines, was ordered to attend.

A tender was sent to the

submarine and the injured men were put onboard and transferred to the Hazard, which left the flotilla and set her course for Granton. There the injured men were landed and conveyed with all haste to the Edinburgh Royal Infirmary. Meanwhile the submarines including C26 continued their journey to Dundee where they arrived on Wednesday night.

An inquiry was held at Dundee on Thursday as the cause of the accident the injured men are:

John Hird 29 HMS Vulcan, burns on face and hands

Leonard Bury 30, HMS Vulcan, burns

Patrick Lyon HMS Vulcan, burns and fractured leg

The latest enquiry regarding the accident show that the accident occurred in a cylinder in the Engine Room, the result of which caused such damage that the craft had to be taken in tow for the rest of the voyage. It is supposed that the mishap was due to the machinery having been run for too long a period, it having been continually in motion since the craft left Portsmouth on Monday.

The damaged submarine is one of the latest built of this class of craft.

The C26 is the last boat to leave the builder at Barrow, leaving at the end of May.



# Barrow Submarine Series: issue number 18



HELPING HAND: HMS Osiris gets some assitance from a pair of Barrow tugs

**II**MS Osiris (S13) was an Oberonclass submarine which saw service with the Royal Navy until 1989.

The boat was laid down in 1962 at Vickers-Armstrongs, Barrow, and launched in 1964. She was the third vessel to bear this name.

Osiris made a return visit to Barrow in December 1969 when Lt-Cmdr E.S.J Larkin signed the visitors' book at Barrow Town Hall.

The boat's captain had stood-by the nuclear suibmarine *Valiant* as navigation officer during the Barrow build and had lived at Canal Foot, Ulverston.

Osiris was opened to the Barrow public for two days and had 50 visitors.

During the Falklands War of 1982, *HMS Osiris* was employed on minelaying work in the South Atlantic.

The boat's longest deployment was a Falklands patrol in 1984.

Her crew also held a record for rescaping from a submarine when a series of deep escapes were carried out off Malta in 1970.

In 1988 *Osiris* was fitted with the latest type of sonar equipment during a refit at Devonport – the first to be completed commercially in a Royal dockyard

When *Osiris* was decommissioned in 1989 she was and sold to Canada for use as spare parts.

The *Osiris* was towed to Birkenhead on the River Mersey where Cammell Laird shipyard completed the stripping out process.

In August 1991 the remains were



BIG SLICE: The traditional cake is cut as part of the commissioning ceremony for *HMS Osiris* 

moved to Garston for final demolition and scrapping in 1992.

The Oberon class was a 27-ship class of British-built diesel-electric submarines based on the successful British Porpoise class submarine.

A total of 13 were constructed for the Royal Navy, while another 14 were built and exported: six to the Royal Australian Navy, three to the Royal Canadian Navy, three to the Brazilian Navy, and two to the Chilean Navy.

The Oberon class was based heavily on the preceding Porpoise class of submarine which were in service from 1956 to 1988.

Changes from the Porpoise design were primarily to improve the strength and stealth of the submarine.

Instead of UXW steel, the hull was

built from QT28 steel, which was easier to fabricate and stronger, allowing the submarine to dive deeper.

Glass-reinforced plastic was used in construction of the casing.

Electronics, sonar, and radar systems were also upgraded to the latest standard.

#### **STATISTICS:**

Type: Attack/Patrol submarine Displacement: Surfaced: 2,000 long tons

Submerged: 2,370 long tons Length: 295.2 ft (90m) Beam: 26.5 ft (8.1m) Draught: 18 ft (5.5m)

Propulsion: Pair of 3,680 hp Admiralty Standard Range V16 diesels with a pair of 3,000hp electric motors

Speed: Surfaced: 12 knots (22 km/h; 14 mph)

Submerged: 17 knots (31 km/h; 20 mph)

Range: 10,350 nautical miles (19,170 km) at surface cruising speed

Test depth: 650 ft (200m) Complement: 69

Sensors and processing systems: Type 1002 surface search and navigation radar

radar
Type 187 Active-Passive attack sonar
Type 2007 long range passive sonar
Armament: 6 X 21 in (533.4 mm) bow

Armament: 6 X 21 in (533.4 mm) bow tubes, 20 torpedoes 2 X 21 in (533.4 mm) short stern tubes,

2 torpedoes Forward torpedo payload could be

replaced with 50 mines



# Barrie Downer Secretary

November already? Where does the time go? Next thing we know and it will be Christmas again! I expect time seems to go by so quickly as we always seem to have lots of events to plan for you all and other ones to go to! What happened last month? October saw the Annual Reunion at Nottingham on weekend 1st to 3rd October. This was well attended by the Branch with five members travelling in the Minibus well driven by Tony Griffiths again this year and with three others making their own way.

This year, for the first time, the Annual Draw was held at the Reunion and needless to say not one of the tickets sold by the Branch won a prize! Nothing new there then!

The prize offered by the Branch of a 'limited edition print' from the SHC Collection was won by Mr A Doughty of the Gosport Branch and the prize has been claimed and sent off. Also in October we had the Sea Cadet's Trafalgar Night Dinner/Dance at the Lisdoonie on Friday 22nd which kicked off the 50th Anniversary of Nuclear **Submarines** celebrations Barrow.

With the assistance of a large group from the Dreadnought Association and a good sprinkling of Barrow Branch Members over 160 sat down to one of the Lisdoonie's trademark dinners and, during the course of the evening, well over £1,000 was raised towards the Sea Cadets Funds.

The rest of the 50th Anniversary Weekend went very well. On Saturday Morning (23rd October) the Dreadnought visitors went on tour of the Devonshire Dock Hall after a Safety Brief and a Yard presentation by Brian Benn.

The visitors were split up into six groups for the tour of the Hall and they were able to view

the three Submarines (AMBUSH almost ready for launch, ARTFUL well on towards completion and AUDACIOUS still in pieces at the back of the Hall) from the Galleries and the Hall Floor.

The groups were escorted by Brian Benn, Terry Spurling, Peter Dismore, your secretary and two volunteers from the HMS AMBUSH Crew. This Tour was followed by the unveiling and dedication of a headstone for Leading Stoker John Henry Curtis (an early Submariner) in Thorncliffe Cemetery.



This was very well attended by Branch Members and the Dreadnought Association and the unveiling was carried out the Mayor and the Dedication was conducted by Alan Jones.

The Headstone looks very impressive. Next was the unveiling of an HMS Dreadnought Bench in Dalton Road (just up the way from Spec Savers) and, after an introduction by the Mayor, the Bench was unveiled jointly by the Mayor and Rear Admiral Paddy O'Riordan



After this the Dreadnought visitors were able to have a welcome cup of tea or coffee and a biscuit in the Town Hall and then a guided tour of the Queen's Gallery and the Mayor's Parlour.

The main contribution of the Town to the 50th Anniversary weekend was a Civic Reception in the Dock Museum for invited guests which included a good number of Branch Members and their wives and, of course the Dreadnought Association. Unveiled by the Mayor and Paddy O'Riordan during the Reception was a new Exhibition commemorating the launch of HMS DREADNOUGHT on 21st October 1960.

The Fireworks Display from the Channel Side Walk which followed was quite spectacular.

The last event of the weekend Social for a Dreadnought visitors hosted by the Branch in the RBL in Holker Street. Billy Daniels and Brian (Shindig) provided the entertainment and with a Tot Time, a raffle and the auction of **DREADNOUGHT** HMS Zippo 'ladies' lighter (donated by Blood Reed) a good time was had by all. My sincere thanks to all Members who helped and assisted with the organisation of the events it only goes to show that the Barrow Branch can always put on a good show when required.

So what's next I hear you all asking? Firstly we have been asked by the RBL to assist with the Distribution and Collection of the Poppy Appeal Boxes. John Hart is coordinating this and I think he has a few names already but if you think you can help please contact John.

The Submariners Association Embankment Parade in London is on Sunday 7th November, then there is the Ladies Night Dinner/Dance at the Lisdoonie on Friday 12th November (Colin Hutchinson tells me we have over ninety names down for the the Dinner) and our guest of honour will be Commander 'Hank' Hancox (from the MoD team in the Yard) and his wife Jacqueline.

This will be a 1900 for 1930 'sit down' for this event if you haven't paid Colin yet then get your cash or cheques to him as soon as possible.



Then follows the Remembrance Day Parade on Sunday 14th November which will follow the usual format of muster in the Town Hall Square at 1010 for a 'March Off' from the Town Hall Square at 1035 for the Remembrance Service at the Cenotaph and then 'March back' to the RBL on completion. Can we have a good turn out for this Parade this year? Last year was good but lets have more this time.

We will be holding our usual Barrow Branch 'Submariners Remembrance Ceremony in the RBL at approximately 1300 with a 'Tot Time' and 'Absent Friends'. John Smith has arranged for 'Pie and Peas' to be laid on and this will be £1.50 per head and we need to know numbers in advance. So, if you plan to eat as well as drink get your names to me as soon a possible!

We have been advised that we need to attend the Keswick to Barrow Awards evening again this year. Alan Jones will be attending on behalf of the Branch in case we are lucky enough to get an award this year and he has been requested to provide some details of charitable efforts supported by the Branch in the past.

I expect we will be asked to help with stewarding for the Christmas Lights again this year but the date has not yet been advised – not sure if there will be 'reindeer' or not this year. That a pretty busy programme and I think that there is something there for everyone.

The October Branch Meeting attracted forty Members. We had thirty eight apologies our long mostly distance Members but also some who were on holiday or sunning themselves abroad and some who are on the sick list There were also two visitors from HMS AMBUSH who came along to tell us about the Sportsman's Dinner they are arranging at the Chequers in Dalton on 1st December in support of the HMS ALLIANCE appeal. The Crew had allocated one table of ten (at £300 - £30 per person) to the Barrow Branch but we have now got enough names to fill two tables. How ever we are now down to 184 Members this has come about partly as a result of our updating of Branch Records and Contact details. So far I have received 67 replies to the 187 letters sent out so I am only just about one third of the way through the updating.

Three Members have decided not to continue Membership one has moved down south, one hasn't attended for some years and one took exception to the introduction of the 'Deterrent Patrol Pin' by the MoD (Navy) for the Bomber Queens some how I think he thought that the Branch had sponsored the introduction of the Pin!

It is quite a surprise to find out how many of you have either moved house, changed your E Mail provider or have changed your Telephone numbers some Members all three!

Twenty two of those who have replied have decided to pay their Annual Subs via Standing Order which takes away the worry about forgetting to pay! Hope fully the rest of Members will be able to complete and send their updated Forms in as well, so if you haven't yet filled in your Form(s) can you do so as soon as possible?

The Submarine Heritage 'Paintings Collection' is now complete with the exception of the descriptive plaques for the last five paintings — Tom Murphy completed the last painting (decade 1931 to 1940) in early October.

All of the pictures have now been scanned and all the words completed and checked and the plan to produce the 'Big Book' of the whole collection ('Dive, Dive, Dive, Barrow Built Submarines the Best') has come to fruition. The Book was completed and printed to coincide with the 50th Anniversary of Nuclear Submarines and the 'Book Launch' was at the Civic

Reception at the Dock Museum with Rear Admiral Paddy O'Riordan doing the honours.



The Book is now available for sale. It is £27.50 per copy with all profits going to the SHC Funds. If you want a copy contact either Terry Spurling or me but for details of how to pay but - for members who want one sent by post - we can also advise the cost of Post and Packing.

Well I think that's about enough from me for the November News Letter! If you are unable to attend a Branch Meeting(s) remember to send us your apologies. If you are not keeping too well let us know and we will see if there is anything the Welfare team can help with. Remember to let us know if there are any Branch Members or former Members that you know (or their wives, girlfriends or partners) who are not too well sometimes they may be too busy or pre-occupied with events to let us know themselves. If we don't know we can't help!

Hopefully I haven't missed out any events or anybody's names I think all the dates are right as well! See you all at the November Branch Meeting Tuesday 2nd November usual time usual place. Regards

Barrie





#### **HMS ARTFUL**

Southampton Council leaders ignored pleas to reject an invitation by the Royal Navy to establish a formal affiliation with the third of its new nuclear powered stealth subs, HMS Artful.

The Solent Coalition Against Nuclear ships (SCANS), which has been campaigning for the past decade to keep the docks nuclear free, said the "desires of the Navy" had been put before the "safety of citizens".

A group of protesters had gathered outside, carrying a banner saying: "No to subs" ahead of the meeting.

Speaking at the meeting of the council's Tory cabinet, SCANS chairman David Hoadley said: "We are not against the city twinning with Navy ships but a nuclear submarine is not the right choice. Bringing a floating nuclear reactor into the heart of a busy commercial port has too many risks.

Submarine reactors are more unstable compared to those in power stations."

But council leader Royston Smith said a once in 20,000 year risk of a radiation leak was "acceptable" and he insisted the armed services would always be welcome to visit Southampton.

The civic relationship with HMS Artful, which is being built in Cumbria at a cost of nearly £1bn, will replace the link with HMS Southampton, a Type 42 Destroyer which was de-commissioned last year after a 28-year career.

All political parties backed the move, despite a previous Labour administration declaring the city a nuclear free zone.

Councillor Smith said: "I hope that people in Southampton will take a strong interest in the work of their affiliated submarine and that, in turn, we will be able to welcome members of Artful's ship's company to the city on a regular basis."

In a statement issued last night, Rear Admiral Martin Alabaster said: "Southampton's naval heritage is virtually unparalleled and it seems fitting that a very modern vessel like Artful forms a strong link with a vibrant, forward looking city like Southampton."

HMS Artful will be more complex than the space shuttle and will be able to circum navigate the globe without surfacing while making less noise than a baby dolphin.

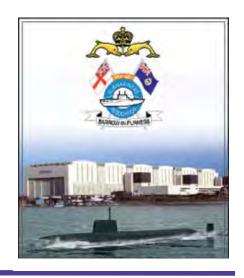
#### Chinese Nukes Move South

October 26, 2010: A Chinese Type 093 class SSN (nuclear attack sub) was recently seen moored at their new naval base on Hainan island. This base, just north of Vietnam, must make the Indians nervous, because more and more Chinese warships are showing up in the Indian Ocean. It was only a year ago that China confirmed, as many suspected, that the first Type 093 boat entered service in December, 2006. Officially, that was a secret, and Chinese nuclear subs don't go to sea much, so it's difficult to tell if new ones are actually in service, and not just tied up at a pier for further work after launching. But now the 093 boats are obviously being moved south, and maybe into the Indian Ocean as well.

The Type 093 class SSN looks a lot like the three decade old Russian Victor III class SSN design. And the subsequent Type 94 SSBN (ballistic missile carrying nuclear powered boat) looks like a Victor III with a missile compartment added. Taking a SSN design and adding extra compartments to hold the ballistic missiles is an old trick, pioneered by the United States in the 1950s to produce the first SSBNs. The Chinese appear to have done the same thing with

their new SSN, creating a larger SSBN boat of 9,000 tons displacement. Priority was apparently given to construction of the 094, as having nuclear missiles able to reach the United States gives China more diplomatic clout than some new SSNs. The first 094 entered service about a year ago.

Having already sent the first two new, 7,000 ton, 093 class SSNs to sea, China was apparently underwhelmed by their performance. Not much more is expected from the 094s. The 093s are too noisy, and have a long list of more minor defects as well. This may mean 2-3 093s will be built, while more resources will be diverted to the next SSN class; the 095. The Type 093 and Type 094 were both over decade a development and construction. Work began on the 094 class in the 1990s. For years, all that was known was that the Chinese were having technical problems with the new design. The 094 is modern SŠBN, using technology bought from Russia, plus what was developed by the Chinese in their earlier nuclear submarine building efforts. The Chinese have had a hard time building reliable nuclear subs, but they are determined to acquire the needed skills. You do that by doing it, and eating your mistakes. U.S. intelligence experts believe that China is building a class of five Type 94s.







#### WE WILL REMEMBER THEM

Dolphin Branch
May 2010
JR (Rex) Richards
Cook (s)
C/SMX
aged 79
Submarine Service 1949-1958
Sleuth, Ambush, Totem
Thermopyle

Non Member
30th August
Hugh Tyrell Verry
Commander
Submarine Service from 1947
Seneshal, Trump, Token,
Sidon (CO) & Aeneas (C))

Derbyshire Branch
6th October 2010
Tom Smith
AB ST
C/JX542849
Aged 84
Submarine Service 1943-1946
Oberon, P46 & Unruffled

Dolphin Branch
17th October 2010
G (George) Pickup
L/Tel (WT2)
D/JX132612
Aged 98
Submarine Service 1933-39
L18, L19, Pheonix, L23, Sunfish
H43, H49 & Severn

East Kent Branch
October 2010
S A (Stan) Gosden
Stoker Machanic
C/KX600493
Aged 86
Submarine Service 1947-1950
Spiteful, Sleuth & Satyr



New Zealand Branch
24th October 2010
DNK (Chick) Henderson
Leading Stoker
D/SKX770918
Aged 82
Submarine Service 1949-1954
Amphion, Alcide, Alaric, Seascout
Tireless

October 2010
Bob Galloway
CPO MEA (P)
Aged 62
Submarine Service from 1976
Otus, Onslaught & Opossum

Non Member

Lord these departed shipmates with Dolphins on their chest are part of an outfit known as the best. Make them welcome and take them by the hand you'll find without they are the best in the land. So Heavenly father add their names to the roll of our departed shipmates still on patrol let them know that we who survive will always keep there memories alive.

#### **PRICELESS**

If you've ever worked for a boss who reacts before getting the facts and thinking things through, you will love this.

Arcelor-Mittal Steel, feeling it was time for a shakeup, hired a new CEO

The new boss was determined to rid the company of all slackers. On a tour of the facilities, the CEO noticed a guy leaning against a wall.

The room was full of workers and he wanted to let them know that he meant Business. He asked the guy, "How much money do you make a week?"

A little surprised, the young man looked at him and said, "I make \$400 aWeek. Why?"The CEO said, "Wait right here." He walked back to his office, came back in two minutes, and handed the guy \$1,600 in cash and said, "Here's four weeks'

Pay. Now GET OUT and don't come back."Feeling pretty good about himself, the CEO looked around the room and asked,"Does anyone want to tell me what that goof-ball did here?" ......From across the room a voice said,

"Pizza delivery guy from Domino's."

#### SCOTCH WITH TWO DROPS OF WATER

A lady goes to the bar on a cruise ship and orders a whiskey with two drops of water. As the barman gives her the drink she says, 'I'm on this cruise to celebrate my 85th birthday and it's today. The barman says, 'Well, since it's your birthday, I'll buy you a drink.

As the woman finishes her drink, the woman to her right says, 'I would like to buy you a drink, too.' The old woman says, 'Thank you, I would like a whiskey with two drops of water.' 'Coming up,' says the barman.

As she finishes that drink, the man to her left says, 'I would like to buy you one, too.'

The old woman says, 'Thank you. Barman, I want another whiskey with two drops of water.' 'Coming right up,' the barman says.

As he gives her the drink, he says, 'Ma'am, I'm dying of curiosity. Why the whiskey with only two drops of water?' The old woman replies, 'Son, when you're my age, you've learned how to hold your spirits. Holding your water, however, is a whole different issue.'





#### **Editor**

Many thanks to all those members that gave a very positive response to the October Dreadnought edition I hope to do a few more features like that in the future.

I have seen an increase in members sending in contributions for publication in the newsletter so if you have not seen your dit or picture published yet I hope to get it in a future publication at some point.

If you have not looked at the submariners website recently it's had a makeover and looks very impressive and is viewable on www.rnsubs.co.uk.

I had a number of responses to a question in last months news letter on what was the name of the other boat in the picture of the dreanought launch. A number of members suggested that it was olympus. After some careful checking in the mails archive we are 99% sure it was olympus.

Regards

Ben Britten

#### **The Senior Moment**

The reason I am smiling is because I can't hear a word you're saying.

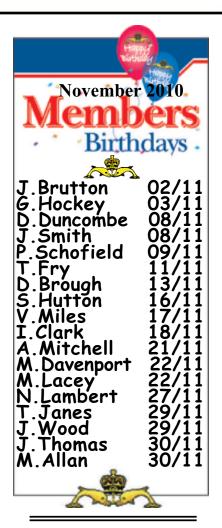
I've Stopped blaming my Parents and started blaming my kids

I have Trouble remembering simple words like ...uh ....uh

I'm not "over the hill" I don't even remember being on top of it.



www.hmsdreadnought.co.uk



#### **DISCLAIMER**

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### News Letter Contact Information

Do you have a story to tell or have information you feel should appear in the news letter then ring Ben Britten on 01229 820265 (evenings) or if you wish to send me an article please ring for postal address. or send your contribution by e-mail to:

#### Rwbritten1@msn.com

Constructive suggestions about the news letter are very welcome. The news letter will be published in the last week of each month IE last week of November for theDecember 2010 issue please try and have any information with me by the **15th of each month**. Thank you to everyone who contributed to this edition.



# SOCIAL CALENDAR 2010

## November

2nd Monthly Meeting 2000 RBL
7th Embankment Parade
London
12th Ladies Night ( Black tie)
1900 Lisdoonie
14th Remembrace Parade
1015 Barrow
16th Branch committee meeting
1930 RBL

## December

2nd Monthly Meeting 2000 RBL 11th Christmas Social 1930 RBL 15th Branch Committee Meeting 1930 RBL





# Solve the monthly submarine quiz

We hope you enjoyed last month's crossword.

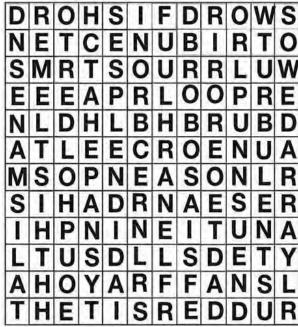
If any of it proved tricky, the solution is at the foot of the page. This month we have a wordsquare based mostly on the names of submarines.

If you have any comments or suggestions on how our puzzles can be improved or developed, drop an email to Bill Myers at bill.myers@ nwemail.co.uk

## **CLUES**

- 1. AFFRAY
- 2. UNDINE
- 3. THISTLE
- 4. THUINDERBOLT
- 5. THETIS
- 6. TURBULENT

- 7. SWORDFISH
- 8. UPHOLDER
- 9. SPLENDID
- 10. TRIBUNE
- 11. UPROAR
- 12. TALISMAN



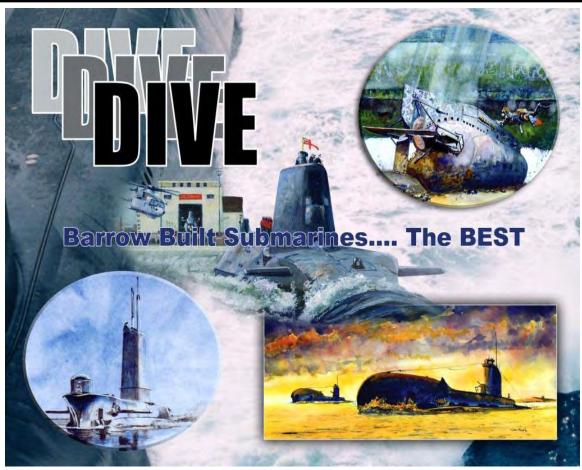
Last month's crossword solution (below)





SUBMARINE CLUE: HMS Upholder in 1986





The Submarine Heritage Centre (SHC) and the Submariners Association (SA) of Barrow in Furness have commissioned a series of Paintings, by a notable local Marine Artist – Tom Murphy, of all the Classes of Submarine built in the Barrow Shipyard over the last 120 years. The Barrow Shipyard has been involved with the design and built over 72% of all UK Submarines plus a good number for foreign Navies. This Paintings Series represents the development of the Submarine over that period and reflects the development of the Submarine, from the first basic vessel in the 1880's to the sophisticated Nuclear powered Submarine of the 21<sup>st</sup> Century.

The SHC and the SA have now put together a Book to showcase these paintings and supporting data. The Book contains plates covering the forty four Classes of Submarine built in Barrow together with a number of Submarines built for other countries. It also includes twelve 'Decade' paintings reflecting the products, other than the Submarine, produced by the Shipyard over that same period and a further ten plates of 'Miscellaneous' paintings of Ships, Submarines and topics related to the Barrow Shipyard. The Book is a "Coffee Table" hard back product with the Painting Plates on the right hand pages with associated information on the left hand pages.

The Book has now been published and was 'launched' by Rear Admiral Paddy O'Riordan – the 6<sup>th</sup> Commanding Officer of HMS DREADNOUGHT - during the recent 50<sup>th</sup> Anniversary of Nuclear Submarines celebrations in the Dock Museum in Barrow. It is available at £27.50 per copy (P & P costs on application)

To obtain your own copy contact Submarine Heritage Ltd - <u>tps@submarineheritage.com</u> or on 01229 820993 or 07900 920385 or Barrie Downer on <u>barrie@downer55.freeserve.co.uk</u> or on 01229 820963

### 23rd October 2010



**Thornecliffe Cemetery John Henry Curtis** 













The Dreadnought Bench in Dalton Rd













The Dock Museum





