



Club Newsletter

August 2007

Cockenzie & Port Seton Amateur Radio Club

Volume 15 Issue 8

Special points of interest:

- See the Events Calendar for all our activities this month
- IOTA Photos
- Junk Night

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Editorial

I am writing this editorial with the rain pouring down, which just seems to have never stopped lately and this is after all our summer!!!!

We live in hope that it will have been beautiful sunny weather whilst we took part in VHF Field Day and our Tiree visit no doubt that it will be reported when the "write ups" are done for those events.

Ok then, what have we been doing this month? We had our normal club night although it was a week earlier than normal due to the VHF Field Day event, but regarding the numbers attending it didn't make much of a difference. Where have you all gone and why are you not coming along on club nights I may ask?

We have taken part in the RSGB VHF Field Day from the same site we used for the last two years down near Castle Douglas, Dumfries & Galloway. As we have found it is a fantastic site and worth the travel. Yes I know it is a 120 miles from Port Seton but after all the deliberation I took about moving from our normal site at Mainslaughter which made it easier for people to come and visit us I think it was the right one. It has been proved now that it is the only people who are interested in the event that will turn up any way. Anyway, the Mainslaughter site it is no longer accessible so maybe in hindsight our move a couple of years ago was meant to be. Lastly this month is the IOTA contest from TIREE but by the time the newsletter is read it will once again be history. No doubt there will be many tales to tell.

To the future, the major event is our Junk Night on the 10th August. I am again looking for raffle and food donations so if you can help I really would appreciate it. Let's hope is once again a resounding success as it has been in previous years. Also we have Lighthouses Weekend on the 18th & 19th August once again down at Barns Ness so I hope you will all come along and take part and have what is a real fun weekend.

I am starting my winter training sessions of Foundation, Intermediate and now the Ad-



Bob GM4UYZ

vanced Training by kicking off on the 25th August with a Foundation Course

The Club June 20M contest has been a complete waste of time as only three people really took part. Honestly what do I have to do for you all to take part? I really wish I knew. The same old reply seems to be "I can't be bothered" basically apathy rules and I am not just talking about the Contest as it applies all around.

You want a radio club so why not support it or we might as well just give up!!!!!!!!!!!!!!

Enjoy club night, and come along to Junk Night and Lighthouses Weekend.

See you all then.

Bob GM4UYZ

CPSARC 20m Contest

CPSARC 20m Contest results

The contest was run on Wednesday evening the 20th June between 19:00 and 22:00BST with this year the weather being mixed with even a thunderstorm having just passed over as the contest started, now that nearly stopped the night for me. There were no changes to the contest rules and I feel that they now accommodate everyone allowing them to use CW or SSB or even both plus they also give the Foundation and Intermediate Licences the possibility of the chance for more QSO's. This year the band was not too bad but the "skip" was changing from the UK to Europe every few minutes but saying that I still managed a small pile-up and 26 QSO's in the log. At the end I was just starting to hear Japanese stations coming through although it would have been very difficult to work them. This year I decided again to operate from home with the contest actually forcing me to actually get back on the radio which I really, really enjoyed.

A total of 5 club callsigns were active and made some QSO's, Ron GM0NTL, Gary MM0FZV, Paul 2M1IBE, Ricky GM1PLY and me. Ricky GM1PLY was on holiday in France and Gary MM0FZV managed to work him, so well done. Ricky thanks for making the effort whilst you were away on holiday. I know a few others said that they were going on so the question is "Where were you?" and "Where was your log?"

Comments from Ron GM0NTL:

I heard you working UK stations. Must have been due to your vertical antenna. I had two QSO's with LA, one of which was in Lofoten Islands IOTA EU-076. I had a QSO with my Swedish contact for almost an hour which made a very pleasant change. He was asking about Gladsmuir and I explained the derivation...from old Scots word "Glad or Gled" meaning a hawk and Muir meaning moor...so the "moor of the hawks". What a surprise when he came back..... and said the word in Swedish for a hawk like bird was "Glada" and the word for a moor was "Myr"...said as almost like Moor....Gladamyr in Swedish for Gladsmuir. So we surmised that the Vikings could have

added Glad to old Scots language at one time.

The static levels were very high here and so bad that some contacts were difficult even although they were 59. I got around this by using my inverted L as a RX antenna which removed 90% of the QRN and the audio quality was astounding on it. I had to use a combination of the beam and the vertical as the signals varied so much. Signals seemed to pick up in the last hour but by that time there was nobody left to work. JAs were readable with me but I could not compete with the Italians etc all running at least 1KW and multi element monobanders. In retrospect 10m might have been a better bet last night. Anyway, I did enjoy some of the QSO's which I had as it is not always easy to do so on 20m these days with so many folk just wanting the old rubber stamp 59 and QSL via the bureau which was never my cup of tea unless in contest mode.

I must admit I am really disappointed again this year at the lack of taking part, we are all supposed to be radio amateurs, we or most of us have HF equipment and the capability of working 20M so where were you?

As much as we call it a contest it is really all about getting on the air for a few hours, submitting your log and just seeing how good you have done. I'll even score it all for you, but no you all don't seem interested, I give up as I don't know what needs to be done to encourage you all. I assume you just couldn't be bothered!

The results are printed below:

For next year I am going to drop it as a contest and just call it an Activity Night hopefully by doing this it will create a bit more of an interest. To next year then hopefully more of you will come on the air

Bob GM4UYZ

Pos	Callsign	QSO's	DX QSO's	Club QSO's	Points
1	GM4UYZ	26	10	2	158
2	GM0NTL	15	12	1	150
3	MM0FZV	6	4	2	52
4	2M1IBE	1	1	1	14
5	F/GM1PLY	1	1	1	12

Lighthouse Weekend

This is just a reminder that once again we will be taking part in Lighthouses Weekend on Saturday and Sunday the 18th & 19th August. I am hoping once again that we will be able to use the “out buildings” at the Lighthouse. Thanks to Landles and Lafarge we were able to do so for the event plus CQWW last year although according to Landles there are people now living in the old lighthouse keeper’s house so it might not be possible. Failing that we will be setting up back under canvas with the club tents. Whatever happens we will be running two stations, one on 20M and the other on 40M.

This event is a real social event where yes we will do our fair stint of operating over the two days but it also gives us an opportunity to get the barbeque out and do a bit of socialising as well.

RSGB VHF Field Day—IO84BT

This year again we decided to go back to the site near Castle Douglas, Dumfries & Gallo-way which we have used for the past two years. For a VHF/UHF site it is absolutely fantastic sitting 150 metres above sea level with a tremendous take off directly onto a water path, Solway Firth and then the Irish Sea before hitting any land.

Before the event lots of background work has to be done. My responsibility is ensuring that the site is registered with the RSGB VHF Contest Committee but the main responsibility for this and all the VHF contests fall’s to John Maclean MM0CCC. This year John and Colin Brown GM0RLZ, the antenna guru, decided that we would try operating on 23cms and Colin purchased a 74 element Yagi whilst at the Friedrichshafen rally in Germany otherwise there was no change in the antenna design on what we had last year. From the rest of us who took part you both did a phenomenal job in putting a fantastic station together.

RSGB VHF Field Day allows in the Open section to have all the bands available and as mentioned above we decided to add 1296MHz (23cms) to the normal format. 144 MHz (2M), 432 MHz (70cms) and 1296MHz (23cms) run for the Full 24 hours of the contest and on Saturday we use 50MHz (6M) and then on the Sunday we use 70MHz (4M).

From the operating side it gives everyone a chance to “play” with a couple of big stations and plus gain more experience on being on the side of “being a wanted station”. I can assure you it is a fantastic experience. When operating you control how quickly or slow it takes place by either working it like a contest “pile-up” or simply just having a “rag-chew”.

Hope you will come along to this event and play a bit of radio and have some fun as well.

Bob GM4UYZ



Barns Ness



VHF Field Day from Dumfries

Sadly as said we were going to have 23cms but just as the contest started we found that the 23cms Pre-Amplifier had went faulty which rendered the station completely un-useable so no 23cms..... The section that we now enter is the OPEN section which allows as many aerials as you wish plus full legal power.

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RSGB VHF Field Day (cont...)

(Continued from page 3)

So what was our station set-up?

50 MHz (6M)
 Transmitter: IC756PROIII +
 ACOM1000 Amplifier
 Power: 400W
 Receiver: IC756PROIII
 Antenna: 2 x 5 Element DK7ZB
 Yagi's
 Antenna Height: 12 metres

70 MHz (4M)
 Transmitter: FT1000MP +
 Mutek TVF57A
 Transverter +
 GI7B Amplifier
 Power: 160W
 Receiver: FT1000MP +
 Mutek TVF57A
 Transverter
 Antenna: 7 Element DK7ZB Yagi
 Antenna Height: 12 metres

144 MHz (2M)
 Transmitter: Yaesu FT1000MP +
 Elecraft Transverter +
 DISCOVERY 3CX800
 Amplifier
 Power: 400W
 Receiver: Yaesu FT1000MP +
 Elecraft Transverter +
 Landweher Gasfet
 Preamplifier
 Antenna: 8 x 7 Element DK7ZB
 Yagi's
 Antenna Height: 14 metres

432 MHz (70cms)
 Transmitter: Yaesu FT847 +
 Tokyo Amplifier
 Power: 250W
 Receiver: Yaesu FT847 +
 Landweher Gasfet
 Preamplifier
 Antenna: 4 x 23 Element DK7ZB
 Yagi's
 Antenna Height: 12 metres

The team this year consisted of:

John Maclean MM0CCC, Cambell Stevenson
 MM0DXC, Brian Pickup M0RNR, Paul
 Smith MM0PSA, Geoff Crowley MM5AHO,
 Colin Brown GM0RLZ and Bob Glasgow
 GM4UYZ



Beam at
IOTA

RSGB VHF Field Day



The trip started early on the Friday where everyone apart from Brian M0RNR and myself who couldn't leave until after our work. Myself as soon as my work day was over I set off in what was a very miserable and damp afternoon and eventually arriving at the site which was great to see in sunshine with the odd shower passing through. Brian arrived just after me so you could say it was good timing. By the time that Brian and I arrived on the site the operating van, generators were positioned plus the positioning of all the beams was already complete. By the end of the Friday evening 98% of the aerial work was complete. A decision was made to stop there and sit back and relax and have a few beers before heading off to bed in our respective tents or chosen sleeping place.



Saturday morning and the day of the contest arrived and once everyone was up and duly fed, thanks Geoff on behalf of us all for taking on the role of cook for the weekend and ensuring that we were well fed and watered, work continued on finishing the outstanding aerial and shack set-up's. All was going well 6M tested and fully operational, 70cms the same but alas we had a major fault on the 2M station with excessive SWR although it had been OK earlier. After a bit of organised and

(Continued on page 5)

RSGB VHF Field Day (cont...)

(Continued from page 4)

logical fault finding it was traced to a faulty connection on the masthead preamplifier. Once fixed the 2M station was fully tested and ready to go. The 23cms station was built and set-up but alas as mentioned earlier we had a real major fault with the pre-amplifier going faulty just at the very start of the contest rendering the station absolutely un-useable

This year there was also a change in the logging software where we moved to Win-Test for all the stations logging as it was at last made feasible with the requirement to pass "location" information on the 4M band being dropped. Over the years this has been a major headache as it stopped the usage of using a general logging program. The great thing about Win-Test is that we can use it for all our events so we now just learn one program plus we can have all the stations networked together, this really helps when passing stations from one band to another, it also created one master log allowing further checking that could be done away from any "live" station.

The contest started at 14:00 UTC with all stations 6M, 2M and 70cms all running. 6M was pretty good this year with us managing contacts into the USA, Canada and the Caribbean along with a good splattering of contacts into Europe. 2M with the array system was working well with stations considering conditions were quite flat. Certainly noticed that the number of stations taking part was certainly down on last year and this was backed up by listening to some of the well known "Big Guns" down south and the serial numbers they were giving out. Sadly no sporadic "E's" this year a great pity as it really adds a buzz to the whole event when it happens. 70cms was nothing exceptional and very hard work for the 24 hours. 4M was set-up on the same mast as what had been used for 6M so work started around 06:00 in the morning to get the 6M beams down and the 4M beam up plus in the shack remove the 6M equipment and set-up the 4M station ready for the 08:00 UTC start. Contacts wise on 4M it looked like nothing was going to be worked outside the UK when suddenly with about an hour to go a couple of Portuguese Stations called, a great end to the contest... Regarding the weather for the whole event all I can say is "what a scorcher" Saturday

and Sunday turned out to be a welcome surprise considering how the weather had been for the previous few weeks.

So how did we fare?

50 MHz (6M)
 Number of QSO's: 211
 Claimed points: 195389
 Best DX: J8/W6JKV (St Vincent & Grenadines)
 Distance (Kms): 6758
 Locator: FK93JC

70 MHz (4M)
 Number of QSO's: 64
 Claimed points: 22676
 Best DX: CT1HZE
 Distance (Kms): 1983
 Locator: IM57NH

144 MHz (2M)
 Number of QSO's: 295
 Claimed points: 94731
 Best DX: F6KPW/P
 Distance (Kms): 821
 Locator: JN18OU

432 MHz (70cms)
 Number of QSO's: 74
 Claimed points: 20736
 Best DX: PI4GN
 Distance (Kms): 708
 Locator: JO33II

In summary, what a fantastic weekend with lots of work and some play as well with a great team of guys what more you can you ask for. An extra thanks to Geoff as I mentioned earlier who kept us all fed and watered a very important job indeed. To John and Colin GM0RLZ for all the background work that you both put in during the year to produce a fantastic VHF Field Day station it was appreciated by us all so a massive thanks.

The logs are now entered so all we can do now is wait and see how we have done, whatever way it goes it was fun taking part.

If you have never done this sort of thing before why not give it a go you are more than welcome.

Bob GM4UYZ



GM4UYZ at VHF Field Day

A great weekend away in Dumfries for VHF Field day



MM0CCC and MM5AHO

Junk Night

REMI NDER, REMI NDER, REMI NDER

JUNK NIGHT

FRIDAY 10th AUGUST 2007

**Bring along your own "junk"
and sell it yourself.**

Tables on a First Come, First Served Basis

Time: 1830 till 2200

**Location: Cockenzie & Port Seton Community
Centre (Main Hall) Disabled access available**

Entry: £1 ALL PERSONS

(Money donated to the British Heart Foundation)



Raffle @ 21:00, Food & Drink Available

**If any one would like to donate any prizes for the
raffle or food towards the catering it will be very
much appreciated.**

**Come along
to the best
junk sale in
East Lothian**



**MORNR at
his radio**

Answers from August 2007 newsletter "Test Your Knowledge":
1C, 2C, 3C, 4D, 5A, 6C, 7B, 8A, 9B, 10B

Training Courses

If you are interested or you know of any one who is interested in the following courses if so can you contact me and get them also to contact me so I can get everyone registered, etc....

There is a fair amount of paperwork involved so the earlier I am contacted the better, plus fees paid allows me to purchase all the course materials and confirm room bookings for the courses.

Thanks in advance

Bob GM4UYZ

FOUNDATION COURSES 2007 & 2008

Course 1: Resources Room 2

Saturday 25th August 2007

Saturday 1st September 2007 (Exam at 15:00)

Closing Date for Course Fees:
4th August 2007

Course 2: Resources Room 2

Saturday 9th February 2008

Saturday 16th February 2008 (Exam at 15:00)

Closing Date for Course Fees:
19th January 2008

Course 3: Resources Room 2

Saturday 19th April 2008

Saturday 26th April 2008 (Exam at 15:00)

Closing Date for Course Fees: 29th March 2008

INTERMEDIATE COURSES 2007 & 2008

Course 1: Resources Room 2

6th October 2007

13th October 2007

20th October 2007

3rd November 2007

10th November 2007 (Exam at 14:30)

Closing Date for Course Fees:
8th September 2007

Course 2: Resources Room 2

1st March 2008

8th March 2008

15th March 2008

29th March 2008

5th April 2008 (Exam at 14:30)

Closing Date for Course Fees:
2nd February 2008

ADVANCED COURSES 2007 & 2008

Course: Resources Room 2

24th November 2007

1st December 2007

8th December 2007

15th December 2007

5th January 2008

12th January 2008

19th January 2008

26th January 2008

Exam: Tuesday 29th January 2008 18:30 to 20:30

Closing Date for Course Fees:
17th November 2007

If any one self-studies for the Advanced Licence Exam then they can sit the exam at the club's RSGB Registered Centre.

We will book the venue, administer the examination paperwork and invigilate the exam.

See below for exam dates and when the fees must be with the RSGB

Fees for the self study exam are as follows:

RSGB Exam Fees £30 (non-member):

£25 (member)

Exam Date	RSGB Closing Date
20th July 07 18.30	29th June 07
14th October 07 10.30	21st September 07
Not available to us as Exam Centre is closed on a Sunday	
10th December 07 18.30	19th November 07

**The next
batch of
training
courses**

Test Your Knowledge

1. **Your 2 meter FM transceiver draws 4 amps when transmitting. Roughly how much power is it taking from a 13·8 Volt power supply**
 - a. 4 watts
 - b. 3·5 watts
 - c. 55 watts
 - d. 14 watts
2. **What is meant by the electrical term AC?**
 - a. Alfa Charlie
 - b. Alternate circuit
 - c. Alternating current
 - d. Actual current.
3. **The amateur bands are often referred to by their wavelength rather than the frequency. Which amateur band would be called the 2 meter band?**
 - a. 28·0MHz - 29·7MHz
 - b. 50·0MHz - 52·0MHz
 - c. 144MHz - 146MHz
 - d. 430MHz - 440MHz
4. **The frequency of the mains electricity in the UK is**
 - a. 230 volts
 - b. 60 Hz
 - c. 240 volts
 - d. 50 Hz
5. **The DC voltage across a resistor is 20V, whilst the current flowing through it is 10 mA. What is the resistance of the component?**
 - a. 2kR
 - b. 12kR
 - c. 20kR
 - d. 200kR
6. **An Inductor can be formed by**
 - a. separating two metal sheets with an insulator
 - b. forming a PN junction from silicon
 - c. coiling a wire
 - d. by connecting two or more cells together.
7. **The resonance frequency is the frequency at which the**
 - a. voltage across the capacitor and inductor will add in phase
 - b. energy in the capacitor and inductor will best flow between them
 - c. energy in the capacitor is greater in the inductor
 - d. voltage across the inductor is less than the voltage across the capacitor.
8. **A mains transformer has a primary coil of 300 turns, and a secondary coil of 15 turns. Which ONE of the following statements about the transformer is true?**
 - a. It is a step down transformer.
 - b. It is a step up transformer.
 - c. It should be used with a 13A fuse.
 - d. It should be used with a 3A fuse.
9. **A receiver with an RF front-end dynamic range of 90dB has an RF preamplifier added with a gain of 10dB and a dynamic range of 150dB. The dynamic range of the combined receiving system (receiver with the preamplifier) is**
 - a. 100dB
 - b. 80dB
 - c. 150dB
 - d. 90dB.
10. **A receiver is being designed to receive a medium wave broadcast on 1·000MHz. The local oscillator is set to 1·465MHz. For the same IF, what other frequency could the local oscillator be set to?**
 - a. 465kHz
 - b. 535kHz
 - c. 1000kHz
 - d. 1465kHz

How good is
your
Amateur
Radio
knowledge?

The Titanic (cont...)

Here is the second part of the article detailing the last hours of the Titanic sent in by Derek MM0WST

We pick up the story at 1.20am with the Titanic announcing they were putting off the women in boats...

1-20 a.m

Virginian hears MCE (Cape Race) inform MGY (Titanic) "that we are going to his assistance. Our position 170 miles N. of Titanic."

1-25 a.m.

Caronia tells Titanic, "Baltic coming to your assistance"

1-25 a.m

Olympic sends position to Titanic 4-24 a.m. G.M.T. 40.52 N. 61.18 W, and asks "Are you steering southerly to meet us?" Titanic replies, "We are putting the women off in the boats."

1-27 a.m

Titanic says, "We are putting the women off in the boats."

1-30 a.m

Titanic tells Olympic, "We are putting passengers off in small boats." "Women and Children in boats, can not last much longer"

1-35 a.m.

Olympic asks Titanic what weather he had. Titanic replies, "Clear and calm."

1-35 a.m

Baltic hears Titanic say "Engine room getting flooded." (*Captain Smith had just visited the Titanic's radio room and advised this to Phillips and Bride*)

1-35 a.m.

Mount Temple hears DFT (*Frankfurt*) ask "are there any boats around you already?" No reply

1-37 a.m.

Baltic tells Titanic, "We are rushing to you."

1-40 a.m.

Olympic to Titanic, "Am lighting up all possible boilers as fast as (*we*) can."

1-40 a.m.

Cape Race says to Virginia: "Please tell your Captain this: "The Olympic is making all speed for Titanic, but his (Olympic's) position is 40.32 N. 61.18 W. You are much nearer to Titanic. The Titanic is already putting women off in the boats, and he says the weather there is calm and clear. The Olympic is the only ship we have heard say, "Going to the assistance of the Titanic. The others must be a long way from the Titanic."

1-45 a.m.

Last signals heard from Titanic by Carpathia, "Come as quickly as possible old man: the engine-room is filling up to the boilers"

1-45 a.m.

Mount Temple hears Frankfurt calling Titanic. No reply.

1-47 a.m.

Caronia hears Titanic though signals unreadable still

Virginia hears Titanic calling very faintly, his power being greatly reduced.

(*At 2-05 a.m. the Captain visits the wireless room for the last time and says:*

"Men, you have done your full duty. You can do no more. Abandon your cabin. Now it's every man for himself"

Phillips looks up for a second, and then bends over the equipment once more. Captain Smith tries again "You look out for yourselves. I release you." A pause, then he adds softly "That's the way of it at this kind of time....every man for himself" He then leaves the wireless room. Phillips continues sending

1-48 a.m.

Asian heard Titanic call SOS Asian answers Titanic but receives no answer.

DFT (Frankfurt) calls Titanic and says, "What is the matter with u ?"

1-50 a.m.

Titanic says to Frankfurt "You fool, stdbi and keep out"

Caronia hears Frankfurt working to Titanic.

Frankfurt according to position 172 miles from MGY (Titanic) at time first SOS sent out.

1-55 a.m.

Cape Race says to Virginian "we have not heard Titanic for about half an hour. His power may be gone."

During this period Phillips and Bride are struggling with a stoker who entered the wireless room and tried to steal Phillips life jacket. Bride holds the stoker, while Phillips punches him. The stoker is (presumably) knocked unconscious.

2-10 a.m.

Virginian hears 2 v's signalled faintly in spark similar to Titanic's (*Most probably Phillips was transmitting a test signal whilst Bride adjusted the main transmitter motor-generator field*

(*Continued on page 11*)



MM0CCC

**MM0WST
tells the story
of the
Titanic's last
radio
messages**

Event Calendar

28/29 th July	RSGB IOTA Contest from the Island of Tiree
3 rd August	Normal Club Night
10 th August	<p>"14th ANNUAL JUNK NIGHT" Community Centre, Main Hall, Port Seton. Bring along your own "junk" and sell it yourself. Tables on First Come First Served basis. Entrance fee £1 for everyone. Money Raised DONATED to BRITISH HEART FOUNDATION. Time 18:30 to 21:30</p>
12 August	Perseids Meteor Shower
18/19 th August	LIGHTHOUSE WEEKEND BARNES NESS GB2LBN
19 August	70MHz Trophy
20 August	Club Tables deadline
24 August	Newsletter deadline
1 September	144MHz Trophy Contest
7 th September	Normal Club Night
7/8 September	Leicester Rally
28 th September	SECOND 144Mhz DF Hunt Meet in "The Old Ship Inn" Car Park (East) 18:30 for 19:00
5 th October	Normal Club Night
7 th October	RSGB 21/28MHz Contest
12 October	RSGB HF Convention
13 October	Jaycee Electronics Open Day
19 October	Video Night
27 October	CQWW SSB Contest from Barnes Ness GM2T
28 October	Galashiels & District ARC Open Day and Rally
2 November	Club Night
16 November	Talk by GM0RLZ "Radiography"
7 December	Club Night
15 December	Christmas Night Out

What we're doing this year. If you want an event added email john.innes@gmail.com



IOTA Station

The Titanic (cont...)

(Continued from page 9)

regulators to compensate for the dying power supply from the engine room).

2-17 a.m.

Virginian hears Titanic, call CQ (call to all ships), but unable to read him. Titanic's signals end very abruptly as (if) power suddenly switched off. His spark rather blurred or ragged...

(Phillips had actually intended to send "CQD DE MGY", however at this point there is a loss of all power to the radio room - water can be heard flooding the wheelhouse - Phillips says to Bride "Come on, let's clear out". Bride climbs to the roof of the officer's quarters and assists with launching collapsible lifeboat B - Phillips disappears aft.)

2-17 a.m.

Virginian Called Titanic and suggested he should try emergency set, but heard no response

2-20 a.m.

Virginian to Olympic, "have you heard anything about Titanic" Olympic says, "No.

Keeping strict watch, but hear nothing more from Titanic. No reply from him"

about

2-20 a.m.

This was the official time the Titanic foundered in 41.46 N. 50.14 W. as given by the Carpathia in message to the Olympic.

2-35 a.m.

Mount Temple hears MPA (*Carpathia*) send, "If you are there we are firing rockets."

2-40 a.m.

MPA (*Carpathia*) calling MGY (*Titanic*).

2-58 a.m.

SBA (Birma) thinks he hears Titanic so sends, "Steaming full speed for you. Shall arrive you 6-0 in morning. Hope you are safe. We are only 50 miles now."

3-0 a.m.

MPA (*Carpathia*) calling MGY (*Titanic*)

3-28 a.m.

La Provence to Celtic, "Nobody has heard the Titanic for about 2 hours."

4-24 a.m.

SBA (Birma) says "we are 30 miles S.W. off Titanic".

6-40 a.m.

Parisian hears weak signals from MPA

(*Carpathia*) or some station saying Titanic struck iceberg. *Carpathia* has passengers from lifeboats

6-40 a.m.

Asian, with German oil tank in tow for Halifax asked what news of MGY (*Titanic*). Sends service (*message*) later saying heard MGY (*Titanic*) v. faint working. C. Race up to 10.0 p.m., local time. Finished calling SOS midnight.

7-40 a.m.

6-45 a.m. Mount Temple hears MPA (*Carpathia*) report rescued 20 boat loads.

8-07 a.m.

Baltic sends following to *Carpathia*: "Can I be of any assistance to you as regards taking some of the passengers from you? Will be in position about 4-30. Let me know if you alter your position."

8-10 a.m.

Baltic in communication with MPA.

(*Carpathia*). Exchanged traffic re passengers, and get instructions to proceed to Liverpool

8-15 a.m.

Baltic turns round for Liverpool, having steamed 134 miles W. towards Titanic

8-40 a.m.

Mount Temple hears MPA (*Carpathia*) call CQ and say, no need to std. Bi (stand by) him. Advise my Captain (sic), who has been cruising round the icefield with no result. Ship reversed.

8-45 a.m.

Olympic sent MSG (*message*) to Owners, New York via Sable Island saying, "Have not communicated with Titanic since midnight."

8-55 a.m.

Carpathia replies to Baltic, "Am proceeding to Halifax or New York full speed. You had better proceed to Liverpool. Have about 800 passengers on board."

9-0 a.m.

Carpathia to Virginian: "We are leaving here with all on board about 800 passengers. Please return to your Northern course."

After the shock reverberated around the world, a US Senate investigation was critical of Britain and especially the Marconi Company's monopoly of callsigns and marine radio. Marconi himself was called as a witness and un-

(Continued on page 12)



Aerials at CQWW

More about
the Titanic's
last moments

The Titanic (cont...)

(Continued from page 11)

fairly accused of profiting from the disaster. Marconi replied in defence asking how many more would have died had the ship not had a radio transmitter? It was written into international law that all ships carry a radio. Stocks in the Marconi Company rose by \$50 per share overnight.

Callsign allocation was eventually standardized at the London Radio Conference of 1912 (just weeks after Titanic sank), with prefixes being allocated on an international basis. The UK was allocated use of the letters B, G & M. US ships and stations used K, N and W, German stations and ships used D, Italians I, French F, etc. The London Radio Conference was hosted by the London Radio Society, the forerunner of the RSGB. . It is interesting to note for those of us with amateur radio call-signs beginning with M, that the 'M' stands for 'Marconi', a fine pedigree!

Despite the scale of the tragedy, the one great positive aspect of all this was the creation of the international maritime legislation enforcing new safety procedures for ships including such things as the full provision of life jackets, lifeboats, the creation of the 500kHz radio distress frequency monitored around the clock and the correct radio procedure to be used. This was later passed into the aviation industry and is still in use to this day.

Leicester Rally trip

LEICESTER AMATEUR RADIO SHOW
DONNINGTON PARK
CASTLE DONNINGTON
LEICESTER

Just off Junction 23a on the M1
Friday 7th and Saturday 8th September

A few Club Members are intending to go to the Rally leaving at 04:00 on the Saturday Morning (8th September) and then stay somewhere on the Saturday evening before returning home on the Sunday.

The aim is to try and get numbers of who want to join those who are already going so accommodation can be booked for the Saturday

So what happened to Titanic's 2 radio operators Jack Phillips and Harold Bride? It is true that they stayed at their station as the ship was sinking, despite 2 orders from the captain to abandon ship. At one point a stoker broke into the radio room and tried to steal one of their lifejackets and he had to be beaten to the floor. The last signal reported from the ship ended mid sentence as the water poured in through the upper deck. Jack Phillips died from hyperthermia in the water holding onto lifeboat 'B', his body was never recovered. Harold Bride survived and lived in Scotland until he passed away in 1957.

Reference:

[The Wayback Machine: Issue 2](#) by Bill Continelli, W2XOY

[James Parson's Trip to Cape Race Lighthouse](#) by James Parson

Various Internet sources.

Derek MM0WST

overnight stay. Basically so we can all be together.

If you are interested, please let Bob GM4UYZ know as soon as possible so accommodation can be organised.

Questions: Will you be going yourself or taking your wife/partner along as well?

Do you require a Double or twin room?

Will you share a room with someone else to keep the costs down?

**Do you want
to go to the
Leicester
Rally?**

IOTA Contest photos

We've not had time to write up the report on this years expedition to Tiree so you'll have to make do with a couple of pictures for now...



IOTA Photos



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The Club is affiliated to the Radio Society of Great Britain and holds the callsigns MM0CPS and GM2T which are used for our special event and contest entries.

We have our own internet domain **www.cpsarc.com** where you will find a popular web site which now features interactive news, articles, discussion forums and photo galleries with a slide show.

The club also runs a Yahoo! Group which is used to manage our mailing list.

(see <http://groups.yahoo.com/group/cpsarc>)

www.cpsarc.com

Information

The Cockenzie & Port Seton Amateur Radio Club was formed by Bob Glasgow GM4UYZ in 1984, to help the local amateurs get to know each other.

Numbers have increased steadily over the years and now average about 20.

Far from being just a local club we have members coming from the Borders, Dumfries, Strathclyde and Fife.

The Club meets on the first Friday of every month (Second Friday of January) in the lounge of the Thorn-tree Inn on the old Cockenzie High Street

from 7 pm till late.

The Club is run in a very informal way, no real committee structure, just a group of like minded people doing something they enjoy!

Although we don't charge any fees on a club night, we do ask for donations to cover the costs of the Clubs insurance, licences and website.

This does not mean that we don't do anything, we enter (and win!) contests, train newcomers, hold talks, DF hunts and video nights and run a popular annual Junk Sale. Our

newsletter has won the Practical Wireless 'Spotlight' competition on several occasions.

The Club supports the British Heart Foundation in memory of a member who died from heart disease by donating the profits from events we hold, we have raised over £12,393 since 1994.



IOTA Team