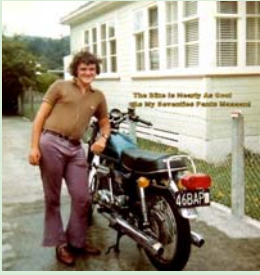




MANAWATU AMATEUR RADIO
SOCIETY (Inc) BRANCH 20 NZART
2KO TIMES OCTOBER 2009



Hi Folk's well another month has passed since the last issue, and dare I say it Christmas is only two months away! Where has the year gone?

I received a letter in the mail last week from John Stuart ZL2ADN stating that after this months afternoon group meeting he will definitely be standing down as the host for

these meetings. John has indicated for the last two years that he wished to stand down from this position and this year is definitely going to be his last. John has done a fantastic job over the years organising these meetings for you the members and he deserves to be congratulated on this. So now is the time for one, or perhaps two of you to put your hands up and take over the job that John is giving up.

We have been fortunate in being able to get Lee Jennings ZL2AL to be our guest speaker for the General Meeting on November 4th.

For those of you who are new to amateur radio, Lee is one of New Zealand's top DXers and Contesters. Lee also holds the distinction of being the QSL Card Checker for the ARRL's DXCC Awards for Australasia, a privilege which he had bestowed upon him a couple of years ago.

Lee has been involved in many DXpeditions over the years including as a team member of the ZL8RI Dxpediton to Raul Island in May 1996 and co-leader of the ZL9CI Campbell Island Dxpediton in January 1999. Lee was the leader of the Chatham Islands DXpeditions as ZL7AA in 1993, ZM7A in 1997 and the ZL7T Dxpediton earlier this year. Lee is also the Team Leader for the ZM2M East Coast Contesters Station. It is these last two flags that Lee will be talking about at our meeting.

Lee will present a power-point show on both the Chatham Islands 2009 Dxpediton, (which proved very popular when he presented this at the 2009 NZART Conference in Napier) and a power-point show on the ZM2M Contest Station. It is anticipated that this will take approximately an hour to go through and will be well worth seeing particularly for those of you who are new to the hobby.

Lee will also be available to answer any questions you may have about DXing and this would be a good time to find out about his role as QSL Card Checker and how to go about applying for any of the DXCC Awards.

If you would like to attend the meeting and are unable to get their please do contact one of the Committee Members who details are on the back page of this newsletter, they would be only too happy to make arrangements for transport for you.

This coming weekend is of course a long weekend in that it is Labour Weekend. It is hoped that a fine day will be had on Saturday as it is planned to install the new antennas on the mast at

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Editors Notes & Coming Events (Cont)

the repeater hut. This will also be a good opportunity to have a bit of a working bee at the site. I understand from Scott ZL2FX that the hut could do with a paint job. If you are available to help out please contact Scott who's details are listed on the Branch Contact page in this issue. Also please listen out for updates and confirmation of this even on Saturday morning on the 7125 repeater. If the whether is going to be an issue, Scott has set aside Monday as a reserve day for this. It will be good to get the new antenna system up and running as the old one has certainly seen better days as some of you have noticed with its performance lately.

In December Chester ZL2AFJ will present some video footage on the effects of wind on cell phone towers along with some pictures from his recent trip to Scotland. This was to have been presented at the October meeting, but Chester was unable to attend due to ill health at the time.

It's time for the annual Branch 20 Christmas Beano and awards presentation. This years get together will be held at the Cloverlea Tavern on Friday November 27th. We have a room booked which means we will be able to have our dinner, drinks and presentations in private. The cost of the meal is \$25 per person. Pre dinner drinks will take place from 6pm with dinner at 7pm. Please advise your number attending to Pete ZL2AUB ASAP, thanks.

As the Beano is fast approaching this also means it is time for you the members to decide who you would like to see receive the Branch 20 Amateur of The Year Award. For those who are new to the Branch, this award is nominated by you the members and is for recognition for a Branch 20 member who has made a valuable contribution to the Branch in the past year which normally is not recognised. As a member of Branch 20 you will receive a nomination form for you to fill out and return no later than November 13th. This enables time to get the trophy and certificate printed in time for the presentation at the Branch Beano. As Stan ZL2BRS was the recipient of the award last year please send your nomination to Stan in one of the following ways: via email to stanruss@inspire.net.nz by post to, MARS Amateur of The Year Award P O Box 1718 Palmerston North 4440, or alternatively drop it in the Awards Box at the clubrooms which will be located on the main desk in front of the whiteboard. In the event that more than one nominee has the same number of votes Stan will have the casting vote to decide who will receive the award.

Another award that is to be presented at the Beano is the Constructors Award. This is for a Branch Member who has constructed/built something up that is radio related over the past year. If you know of someone within the Branch who fits in to this category please advise one of the Committee Members so that they can bring this to the attention of your Committee. This award has not always been issued and it would be great if we were able to issue it again this year. As with the Amateur of The Year Award we would appreciate notification of this by the 13th of November for the purposes of printing the certificate.

The Branch Table Sale on October 3rd went off well. The raffle proved to be very popular and brought in a good total which will help by adding to our yearly insurance bill. Overall our income from the sale was up by just over 100% on last years sale, this is great to see. This was helped not only by the raffle tickets sold, but also by the generous donations made by members to the Branch Table and of course the delectable munchies that Morrie ZL2MCG & his XYL put on for sale I the café. Thank you to all who helped out with the running of the sale. Our problem now is to come up with a major prize for next years sale.

The results of the raffle at the sale are as follows:

4th prize which was the roll of self amalgamating tape went to ZL2AIB Bill Campbell from Taranaki.

3rd prize which was the digital multimeter went to 13 year old Corey Steele who is Len ZL2LI's grandson who was down with Nana & Granddad for the school holidays. I hope Len had enough time on his hands to show Corey how to use it before he returned home after the holidays. What a great introduction opportunity to amateur radio this could be for him.

2nd prize which was the gas powered soldering iron was won by local CB operator Morrie Gordon. Morrie tells me he bought the raffle ticket to win the soldering iron as the other prizes were of not much use to him. I have heard through the grapevine that Morrie has been looking at having a go at the amateur exam, so here's hoping he does. Finally, 1st prize of the Diamond HF Dipole Antenna went to the winner of the 4th prize, Bill Campbell ZL2AIB. I spoke to Bill when presenting him with the antenna and he said to me "core blimey, what am I going to do with that?" Bill is a keen awards seeker and can be found quite often on the NZ Counties & Awards Net on 3677 KHz, so I said to Bill it would be a great addition for him to use on the awards net which gave him a bit of food for thought.

Finally the next NZART Official Broadcast will be on Sunday October 25th at 8pm and repeated at 9pm on 3900 KHz and the National System 439.975 MHz. The 8pm broadcast may also be relayed on the 665 Wharite repeater.

That's it for this month. 73 de Allan Chandler ZL2SKY, Editor 2KO Times.

2009 IARU Region 3 Conference Report from Christchurch

The International Amateur Radio Union (IARU) Region 3, 14th Triennial Conference was held on 12-16 October, hosted by the NZART in Christchurch, New Zealand.

Delegates from 10 member societies (ARRL, ARSI, CRSA, HARTS, JARL, KARL, NZART, ORARI, SARTS and WIA), with RAST, RSGB and VARC being represented by proxy. Also attending was the IARU President Tim Ellam VE6SH and Vice President Ole Garspetad LA2RR, from Region 1 President Hans Timmerman PB2T and Secretary Dennis Green ZS4BS and Region 2 Secretary Ramon Santoyo XE1KK.

The IARU R3 Directors had identified two topics, the IARU Monitoring System, and emergency communications, as being highly important, and major decisions were made on both of them.

Three working groups were established:

* The IARU Monitoring System (MS)

* Policy matters that included education, training, development of amateur radio and international and regional conferences involving radio administrations

* Operational and Technical Matters, including emergency communications, the IARU R3 Award and band plans

The Conference agenda included five documents on the IARU MS that generally sought a review and reinvigoration of this important activity. A special working group was established with Peter Young VK3MV appointed chairman and Rod Stafford W6ROD as secretary.

The amateur services must take action to protect their bands, the Conference heard, because without complaints about an intruder causing harmful interference, it may be claimed that there is no breach of the ITU Radio Regulations.

There was keen interest and participation in that working group. As a result of its work, the Conference resolved to acknowledge the contributions over many years of the IARU MS Region 3 Coordinator Arasu Monohar VU2UR.

The Conference identified the need to update and modernise the IARU protocols and procedures to effectively deal with intruders causing harmful interference in the amateur radio bands.

A package of proposed measures adopted by the Conference included greater coordination between the IARU MS coordinators in the three IARU regions, a single website to more effectively collect data on intruders and to record action being taken on them, and to provide information to assist those submitting intruder observation reports.

The Conference confirmed the importance of participation in regional telecommunication organisations, which are setting directions on regulatory matters that could impact on amateur services. IARU member societies are encouraged to be involved in that activity, where possible.

The regional telecommunication organisation's decisions significantly influence the decisions taken by the ITU World Radiocommunication Conference (WRC), with the next being in January 2012.

The NZART received praise for a number of its initiatives. One was its "ZL3 Buildathon" project that involved the encouragement of electronic project construction in schools and elsewhere in the community to lift the profile of amateur radio. Another was the 'Radio WAVE' project that demonstrates the principles of radio frequency propagation, polarity and effective radiated power.

The Conference heard that the Amsat-ZL's KiwiSAT amateur satellite project was undergoing final development. Some difficulties has arisen because of the US restrictions on the export of technology. KiwiSAT was expected to be ready for launch in 2010, although no decision has been made on launching it

2009 IARU Region 3 Conference Report from Christchurch (cont)

into orbit.

A total of nine documents on the agenda referred to emergency communications and amateur radio. ORARI and CRSA were highly commended on the role that they and radio amateurs had played in Indonesia and China after major natural disasters.

The Conference considered the concept of emergency centre of activity (CoA) frequencies worthwhile, and adopted 3.600, 7.110, 14.300, 18.160 and 21.360 MHz. These have been immediately included in the IARU R3 Band Plans.

CoA are not spot frequencies, but starting points + or - 5 kHz, are not the only frequencies to be used, and are not mode specific and should be considered as being 'all modes'.

The Conference also encouraged radio societies and emergency groups to include in their planning and training, how best to publicise the role of radio amateurs during emergencies and make it known internationally.

Among the other agenda items considered were ARDF, better utilisation of all allocated amateur bands, BPL/PLT, EMC, visitor licensing, liaison between societies and the radio administrations in their nations, operating ethics and standards, and support for the development of amateur radio in the region.

An election was required for the five-member IARU R3 Directors, with Michael Owen VK3KI, Shizuo Endo JE1MUI, Peter Lake ZL2AZ, Gopal Madhavan VU2GMN and Joong-Guen Rhee HL1AQQ being re-elected. The Directors then nominated Michael VK3KI as their chairman, which was endorsed by Conference. The Secretary, Jay Oka JA1TRC, was elected unopposed.

Michael VK3KI described the Conference as one of the most constructive and friendly he had attended. He said the credit for that goes to all who participated in the meaningful discussions resulting in productive outcomes.

All in attendance were in praise of the NZART organising committee, headed by Terry Carrell ZL3QL, who also took on the role of Conference Chairman, contributing greatly to its success. Sue Carrell and Mary Rogers ran a full women's program during the week for the wives of delegates and visitors.

The IARU recognised the work of Bob Knowles ZL1BAD on his retirement as the IARU MS Coordinator, a position he held for more than 20 years.

The Conference elected Peter Young VK3MV as the IARU R3 Regional IARU MS Coordinator. All other regional coordinators were reappointed.

The Conference received two invitations, one from ORARI for Bali, Indonesia, and another from VARC for Ho-Chi-Minh City, Vietnam to host the next Conference. The delegates voted in favour of accepting the VARC invitation for the 15th Conference in late 2012.

2009 Branch 20 Activity Contest

There are still a number of members who are yet to submit their logs for the Branch's Activity Contest. Could you please send them to me via one of the following ways so I can process them. If you do not wish to enter your log in to the contest, then please still send them to me as a check log so I can use them for cross referencing, thanks. Send you log to: Email, zl2sky@zl2ko.org.nz or post to either, MARS Activity Contest P O Box 1718 Palmerston North 4440 or to my home address which is, 365 High Street Dannevirke 4930.

So far to date I have received a number of logs and I must say that it has been a bit of a task at times deciphering some of them, and it looks like it has been a closely fought contest with quite a few in the running for top honours.

CQ announces 75th anniversary Worked All Zones award

The November, 1934, issue of R/9 magazine announced a new operating award for radio amateurs, designed to encourage the growing popularity of contacting stations across the globe, what we know today as DXing. The award was called Worked All Zones and was to be granted for making confirmed contacts with hams in each of the 40 zones into which the world had been divided by R/9's editors. Today, 75 years later, R/9 has been succeeded by CQ magazine and WAZ Worked All Zones sponsored by CQ since 1945, continues to be one of amateur radio's most prestigious operating awards.

In celebration of the WAZ's 75th anniversary, CQ magazine is announcing a limited term "Diamond Jubilee WAZ" award. A special certificate will be issued to amateurs who make contacts in all 40 CQ Zones of the World between November 1, 2009 and December 31, 2010. Certificates will be numbered but there will be no endorsements. Confirmations will not be required. However, it is expected that applicants will continue to uphold amateur radio's longstanding tradition of honesty and self regulation.

Standard WAZ application fees will apply. Complete details on the Diamond Jubilee WAZ Award will be in the October 2009 issue of CQ, and are posted on the CQ website, www.cqamateurradio.com with a link from the October issue highlights page.

WAZ is the second oldest amateur radio operating award still offered today. The only current award that is older is the International Amateur Radio Union's Worked All Continents award. The ARRL's DX Century Club (DXCC) award was introduced in 1936. To date, more than 8,600 basic WAZ awards have been issued.

More information on the WAZ award program is available on the CQ website at: www.cqamateurradio.com/awards.html



2009]

The Committee and members of Branch 20 Manawatu would like to thank Kris, Phil and the rest of the staff at Jaycar Electronics Palmerston North for their recent support of our Table Sale at Longburn Hall on October 3rd. The raffle prizes that were donated by Jaycar were very popular and helped

immensely with our overall funds that were raised at the sale.

Please remember that as a Branch 20 Manawatu Amateur Radio Society Member you can use our Branch account number when making purchases from Jaycar which will in most cases give you your purchase at a discounted price. So please support Jaycar when thinking of buying your components, plugs, sockets and other items, as Jaycar has supported us in our last two Table Sales.

To use the Branch account you will need the account number. If you do not know this then please contact either myself or Pete ZL2AUB to obtain it.

As this is a Branch account, this offer is only available to current financial members and a copy of current financial members is updated regularly to Jaycar for this purpose. When making your purchase, to receive your discount you will need to provide the Branch account number and your name and or, callsign which will be checked against the register that is supplied to Jaycar by us.

Contact details for Jaycar are:

Store Location: Corner of Ada & Ferguson Streets Palmerston North.

Phone: 06-353-8246

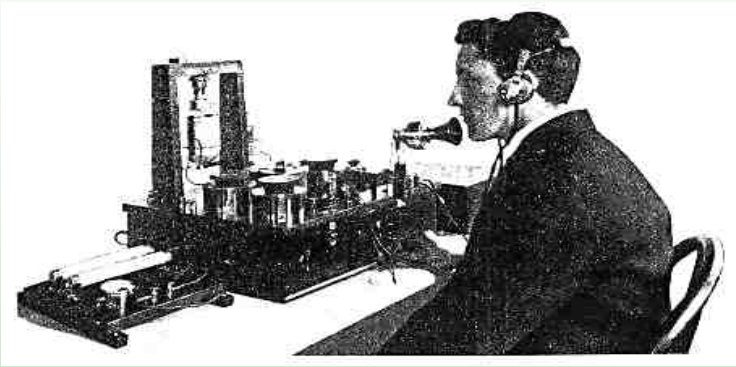
Web Address: www.jaycar.co.nz

73 de Allan ZL2SKY.

A Hundred Years of Amateur Radio

By G3NGD

Part-1 The first 50 Years



The conception of the transmission of electromagnetic waves from one point to another, with no material connected between them is just over a century old. From the last decade of the nineteenth century, scientists, amateurs, experimenters and engineers have worked together to develop radio as a practical means of communication. This miniature thesis tells the story of the pursuit of one of the most fascinating hobbies Amateur

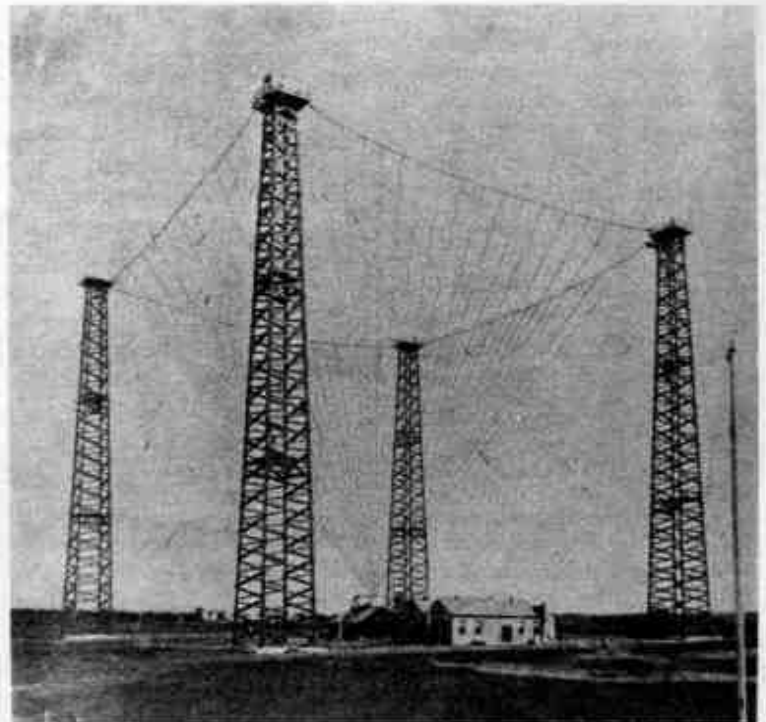
Radio in

which many

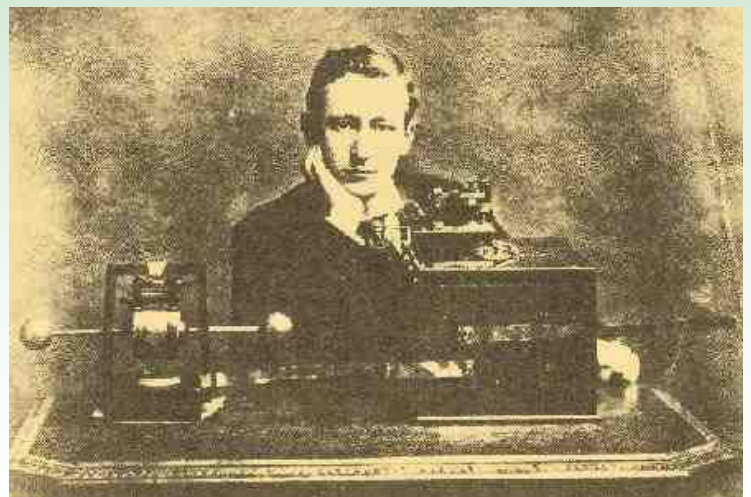
people living in the United Kingdom played a pioneer role.

The term "Radio Amateur" can be defined as the practice of two-way shortwave

radio communication, not as a business or means of profit, but as a hobby, pursued for the pleasure to be derived from an interest in the radio technique, construction and operation for the ensuing friendships which can be made with people all over the world.



Marconi station at Poldhu, Cornwall, England, about 1905. The four wooden towers support a network of wires which converge to a point just above the transmitting and receiving buildings between the towers.



A Hundred Years of Amateur Radio Part-1 The first 50 Years (Cont)

The beginnings of amateur radio, as of radio itself, lie deep in the past, indeed one could begin thousands of years ago with those persons whose curiosity was aroused by the attraction of small particles by beads that had been rubbed. This was not really investigated until Gilberts' experiments in electricity during the reign of Queen Elizabeth I, followed by the discoveries of Ampere, Volta, Faraday and Maxwell, which prepared the world for what was to be one of the greatest revelations of all time the means of telecommunication by wireless telegraphy.

Michael Faraday was the first to suggest that this relationship existed between light and the new "electromagnetism", but it was Heinrich Hertz at Karlsruhe, Germany who in 1887 finally established by experiment the principle of radiation. This was called Hertzian wave wireless communication.

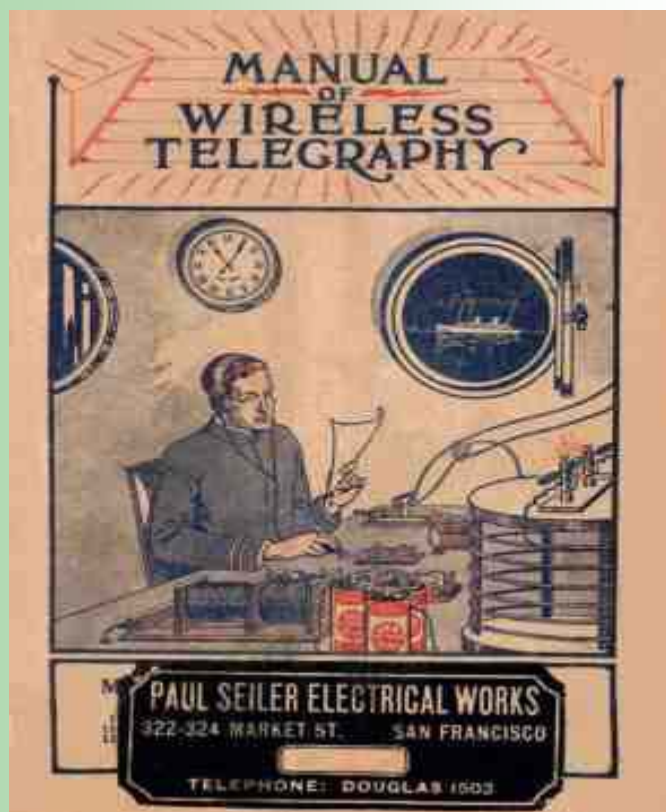
Marconi's first wireless system (patented in 1896) was based directly on the experiments conducted by Hertz some eight years earlier. In 1897 Marconi succeeded in transmitting signals across a distance of eight miles; the following year a distance of eighty-five miles was achieved.

In December 1901, the world was startled by the news that Marconi at St. Johns, Newfoundland, had received the Morse letter "S" transmitted by Ambrose Fleming at Poldhu, Cornwall. And so, as the twentieth century began to take shape, hundreds of people, young and old, possessed of a scientific bent and thrilled by the news that transatlantic wireless communication had indeed taken place, accepted the challenge of the unknown laid down for them by their illustrious forbears and became the world's first radio amateurs.

The Postmaster General (Lord Stanley) in his Report to parliament for the year 1903-04 recalled that he had recently introduced in the house of Commons, a bill for the purpose of requiring all wireless stations to be licensed. He gave as a reason the Government's decision to secure an adequate control of all wireless telegraphy installations. The Wireless Telegraphy Act 1904 became law on August 15 of that year, and was the first piece of legislation of its kind in history. It remained in force until July 31, 1906, after which it was extended on a year to Year basis under the Expiring Laws Continuance Act until replaced by the Wireless Telegraphy Act of 1924.

The Postmaster General, in his Report to Parliament for 1904-05 referred to the strategic importance of Wireless Telegraphy. He reported that he had received numerous applications for licences under the terms of the Act; the majority being from persons who desired to use wireless telegraphy for experimental purposes. His desire to encourage the wireless experimenter was confirmed when he said, "the class with whom I have the greatest sympathy are those who wish to go in for experiments in this science. I have been able to frame a clause which will give absolute freedom in that direction, merely requiring registration on the part of those who wish to engage in experiments. In a matter of this description the House will doubtless desire that the Act should be administered as liberally as possible and I shall certainly do my best in that direction. For what it is worth, I will give an understanding that no request for a licence for experiments shall be refused unless the refusal has been approved by me personally".

Quoting this speech by Lord Stanley at the opening of the Fourth RSBG Amateur Radio Exhibition on November 22, 1950, Mr Hugh S. Pocock MIEE (then Editor of Wireless World Magazine), suggested that if it had not been for this sympathetic attitude to the amateurs on part of the then Postmaster General, it was conceivable that private experimental licences would never have been granted.



A Hundred Years of Amateur Radio Part-1 The first 50 Years (Cont)

Although Lord Stanley had indicated that those who wished to experiment would merely be required to register, Section 2(1) of the Act stated that "where the applicant for a licence proves to the satisfaction of the Postmaster General that the sole object of obtaining the licence is to enable him to conduct experiments in Wireless Telegraphy, a licence for that purpose shall be granted, subject to special terms, conditions and restrictions as the Postmaster General may think proper, but shall not be subject to any rent or royalty.



On May 29, 1906, the then Postmaster General (Sydney Buxton MP) was ordered by the House of Commons to render a Return "applications for Licences under the Wireless Telegraph Act 1904, showing how each Application had been dealt with". This Return dated June 13, 1906 is of interest because it gives the name and addresses of sixty eight persons to whom an Experimental Licence had been issued the first such list ever published.

From Encouragement to Restriction

In April 1913, the Postmaster General announced that the number of licences for experimental purposes had increased to almost two thousand. It was certain that certain people in high places began to show concern, and Parliament was informed that new licence conditions were to be introduced. The new conditions would ensure, as far as possible, that licences to conduct experiments would only be issued to persons having the necessary qualifications. In addition, the Post Office would impose a licence charge of one guinea. ***Each station was to be allocated a callsign which was to be used for identification purposes.***

It was with the knowledge that new conditions were to be introduced that wireless enthusiasts up and down the country began to realize the urgent necessity for taking collective action. Against the background the London Wireless Club was formed (later to become the Radio Society of Great Britain RSGB). Then the war clouds rolled up, bringing in their train a telegram to all licence holders that was destined to put an end to amateur wireless experiments for a very long while.

The First World War culminated with the signing of an armistice on November 11, 1918. The enthusiastic amateurs looked forward to the return of their licences. Months passed by with no word from the Government of their intention in regard to the wireless amateur. The pages of Wireless World Magazine throughout the period from January until December 1919 were alive with references to "Amateur Radio Position".

Senatore Marconi wrote: *"In my opinion it would be a mistaken policy to introduce legislation to prevent amateurs experimenting with wireless telegraphy. Had it not been for amateurs, wireless telegraphy as a great world fact might not have existed at all. A great deal of the development and progress of wireless telegraphy is due to the efforts of amateurs"*.

Late in November 1919 the Post Office announced that a new Wireless Telegraphy Bill would shortly be introduced into Parliament. The new licences were issued in April 1920, and contained additional conditions to the previous licence. The applicant must now satisfy the Post Office that he/she has "some definite object of scientific value in view". Applicants must "have a knowledge of the regulations insofar as they relate to interference". A Morse operating speed of at least twelve words per minute sending and receiving would be required.

Many and strange were the applications composed to fulfil the requirement as to the object of scientific value. Perhaps it was fortunate for many that once the experimental licence was issued, the authorities seemed to lose interest in those "experiments".

A Hundred Years of Amateur Radio Part-1 The first 50 Years (Cont)

An "Artificial Aerial" licence was available which required no examinations to be taken. This licence gave no right to radiate signals, but merely to install or build transmitters. Sometimes it seemed the Post Office had engaged the applicant in a form of chess. The would be amateur would submit a list of proposed experiments to improve transmitter design the Post Office would counter by declaring such experiments could be equally well carried out with an artificial aerial permit. The frustrated applicant would consult one of the fortunate, who had already obtained a licence, and together they would concoct a new thesis, this time bringing in some mention of aerials and propagation.

After a licence had been held for a period of six months, a permit to run high power could be applied for. This usually meant that the applicant would have to dream up some more "experiments" that would justify the application. One of the main developments in radio after 1918 was the discovery of the usefulness of the shortwave bands. It was generally considered that wavelengths below 200 metres (1.5MHz) were useless except for short distance transmission, though cases were known of long ranges being obtained on short waves. These were regarded as freaks, however, and wavelengths below 200 metres were after 1918, allocated to amateurs who encouraged by these "freak" results, arranged trial broadcasts from America to England. Their success showed that shortwave low power broadcasts could be heard over long distances.

The first American amateur stations were heard in Britain during November 1921, and the next year, amateur stations in London and Manchester were heard in America. A year later, in November 1923, the first amateur two-way Trans-Atlantic contact took place on about 110 metres between France and America; and within a few days of this event British amateurs reduced their wavelength and began to communicate across the Atlantic.

With valves and components then available it was no simple matter to achieve operation on wavelengths of 100 metres and below. By the following autumn, two-way contacts between Britain and New Zealand on the eighty metre band represented the longest distance of communication possible on the globe. Soon operation on the forty and twenty metre bands were producing long distance contacts at all times of the day and night, and there began a flood of commercial stations opening up to exploit those discoveries which had stemmed directly from amateur radio.

By 1928 the Atlantic was spanned on ten metres, and even five metres was being used by amateurs before the end of the 'twenties. The authorities became alarmed at the ease with which the amateurs were working one another throughout the world and introduced a ban on international working by British amateurs. These restrictions were eventually removed, but not until after a tough fight with officialdom.

In June 1933 a National Field Day was held at many locations in the British Isles. The purpose was to demonstrate that low power portable stations set up at short notice out of doors were capable of maintaining reliable communications with other low power portable stations in different parts of the British Isles. The results showed "that if the necessity arose, the Amateur Radio Movement in the United Kingdom could place into operation an emergency network at short notice". Six years later, many radio amateurs who were among the first of the many thousands of R.A.F. reservists to go abroad, were grateful for this experience. During the summer of 1938, a civilian reserve was established, and licensed radio amateurs between the ages of eighteen and fifty five were recruited. As part of their training, they visited R.A.F. stations and studied R.A.F. procedure and servicing. On passing the Morse examination at eighteen words per minute, a grant was made of two pounds Stirling, and opportunities were provided for promotion to commissioned rank.

The blow came suddenly but not unexpectedly. A notice in the London Gazette of Thursday 31 August 1939 proclaimed: "I Major George Clement Tyron, His Majesty's Postmaster General, hereby give notice that ... all licences for the establishment of wireless telegraphy sending and receiving stations for experimental purposes are hereby withdrawn". ***The second world war had begun! To be continued...***

DX NEWS

From the Web (tnx to opdx, 425 dx news, arrl zldxc...)



3W, VIETNAM (Update [VERY RARE IOTA #2])

An international group of operators will be active as 3W6C from Con Co Island (AS-185), Vietnam, between April 10 & 18th, 2010. This multinational project, being coordinated by Swiss ham radio operators, consists of roughly 20 individuals including one woman with members not only from Switzerland but also from Vietnam, Germany, USA and Japan. Operators mentioned as of today: Team Leader Hans Peter/ HB9BXE, Jan/ DJ8NK, Hans/ HB9BHW, Rene/ HB9BQI, Christine/ HB9BQW, Markus/ HB9DIZ, HansJurg/ HB9DKZ, Paul/ HB9DST/ AA1MI, Leo/ HB9DWL, Hans Peter/ HB9EHP, Matthias/ HB9JCI, Peter/ HB9PJT, Eddy/ XV1X and Michal/ XV9DX. During their stay, they plan to have 4 stations on the air. Their goal is to make contacts on as many different frequencies as possible, even on the 80 meter and 160 meter bands, which makes this Dxpedition very special. But this goal also means that the group must transfer considerable amounts of equipment including radios, antennas, power generators, computers, and various ancillary supplies with them to the island. The team is looking for sponsors (whether individuals, ham radio clubs or commercial) to help offset the costs. Complete details are available at: <http://www.3w6c.qrv.ch>



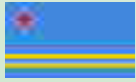
DP3, GERMANY (Special Event) Members of the Waldkirchen Radio Club will activate special event station DP3SSKW on CW and SSB through to December 31st. Activity is to celebrate the 3rd

Shitoryu Shukokai Karate 2009 World Cup being held in Waldkirchen. QSL via the Bureau; direct QSL's only via DK7FK. Skeds for 40 and 80 meters are possible via email to DK7FK b.barth@pensionmonika.de



FO8, FRENCH POLYNESIA (Update)

Phil, F5PHW, who will be in Tahiti for the next two years and active as FO8RZ, has reported that he has installed the 160 meter kit on his HF6V antenna. It is suggested to start looking for him on 160m. Over the past week Phil has been on 40/30/20 meters CW, with some RTTY. QSL via LoTW. QSL is also 'OK' via F8BPN, either direct or via the French Ref Union Bureau.



P4, ARUBA

Marty, W2CG, will once again vacation and operate in Aruba between January 5 & 26th, 2010. Look for him to use a special callsign, either P40C or P40CG (awaiting approval). Activity will be primarily CW/ RTTY on 80-6 meters, usually between 1200-1400z and 2000-2400z, other times as schedule permits. QSL is via the LoTW (prefers), or via his home callsign, by the Bureau or direct (U.S. stations, if not LoTW then SASE via Call Book Address).



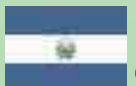
VP2M, MONTSERRAT

Operators Tom/DL2RUM (as VP2MUM), Rudi/DM2XO (as VP2MXO) and 3D20CR op Jan/DJ8NK (as VP2MNK) will operate from Montserrat between November 3-15th. Activity will be on 160-10 meters using CW, SSB and RTTY. QSL via their home callsigns per the QRZ.com address or by the Bureau.



YM, TURKEY

Nick, LZ1NK, will be active from Asian Turkey (Zone 20) as YM3A during both the CQWW DX SSB Contest (October 24-25th) as a Single Op/Single Band (40 or 20m) entry and the CQWW DX CW Contest (November 28-29th) as a Single Op/Single Band (40m) entry. QSL via LZ1NK. ADDED NOTE: Look for Nick as TA3/LZ1NK before each contest.



YS4, EL SALVADOR

Operators Gregor/DF7OGO, Tom/K3WT, Ron/N0AT, Vlad/N0STL and Bill/W0OR will be active as YS4U during the CQWW DX CW Contest (November 28-29th) as a Multi Single entry. QSL via N0AT. Look for activity outside of the contest. Operators will be in YS-land between November 20th and December 1st.

DX NEWS (Cont)

From the Web (tnx to opdx, 425 dx news, arrl zldxc...)



NIUE; ZK2DL (OC-040) 19th Oct - 7th Nov.

DL2FAG plans to operate mainly RTTY, PSK and SSB on 10-80 metres, using a Triple leg multiband and dipole. After Niue and before moving on to Samoa he will be visiting New Zealand's South Island (OC-134) and be active sporadically as ZL4/DL2FAG. QSL via home call. Log searches will be available at www.qsl.net/dl2fag/



P2 PAPUA NEW GUINEA; (OC-102), (OC-231) & (OC-205) 22nd Oct - 9th Nov.

G3KHZ (P29NI) has announced a new IOTA Dxpediton from the Tanga Islands (OC-102), the Green Islands (OC-231) and the Woodlark Group (OC-205). He and four other operators, CT1AGF, G3USR, G4EDG and SM6CVX) will operate CW, SSB and RTTY on 160-15 metres, using new single band vertical dipoles for 30-15m and a ground plane for 40m. The announced schedule and callsigns are as follows:
OC-102 Tanga Island; callsign P29VCX (via SM6CVX); October 22nd-26th
OC-231 Green Island; callsign P29VLR (via SM6CVX); October 27th-31st
OC-205 Woodlark Island; callsign P29NI (via G3KHZ); November 2nd - 9th. Further information is expected in due course. The web pages for the expedition are at http://www.425dxn.org/dxped/p29_2009/index.html



YJ VANUATU; 30th Oct-5th Nov by VK2CCC (LY1F). Callsign is to be announced later. Activity will be "part time", but mainly on 160 and 80 meters CW. QSL via VK2CC, by the Bureau or direct.



GUYANA; 8R1PY 31st Oct-4th Nov.

From Lethem, Guyana by members of the "Amateur Brazilian Team". Activity will be on 160-6 meters, including 30/17/12 meters, using CW, SSB, RTTY and PSK31. Operators mentioned are PU8TEP, PV8AZ, PV8DX, PV8IG, PY1YB, PY2TNT and PY2WAS. QSL via PY2WAS.



EASTER I; XR0Y (SA-001) 31st Oct-15th Nov.

By a six member team with Europe as their main target running for almost two weeks. They plan to focus on 160, 80, 40 and above all 30 metres (CW only, as digital modes on 30m are not allowed). Working Europe on 30 metres will be their priority during the first week on the island. XR0YA will have three stations with two amplifiers and several antennas. Although SSB will not be neglected, CW will be the main operating mode, with some RTTY being planned as well. QSL route TBA. Further information can be found on the DXpeditions web site: <http://rapanui2009.org/>



VIETNAM; XV (AS-128) 4th -17th Nov.

From the Island of Phu Quoc by DL7DF, who will lead a crew of operators. Their callsign has not been announced yet, but it is expected to be the XV prefix. Activity will be on 160-10 meters using CW and SSB with several stations on the air. One station will be exclusively dedicated to RTTY, PSK31 and SSTV. Their equipment consists of 3 transceivers (two K2's and one IC-7000) with three kW linears into two 18m low-band verticals, a 2 element vertical for 40m, a 2 element vertical for 30m, two Spiderbeams for 20/17/15/12 & 10m, and some beverage antennas. Operators mentioned are: DK1BT, DL4WK, DL5CW, DL7DF and DL7UFR. Pilot station for this Dxpediton is Bernd, DF3CB. QSL via DL7DF, by the German QSL Bureau or direct to: Sigi Presch, Wilhelmsmuehlenweg 123, D-12621 Berlin, Germany.
For complete details, visit <http://www.dl7df.com/xv/index.html>



SENEGAL; 6W/EI6DX 7th -16th Nov

From Somone which is located 70 km southeast of Dakar. He will concentrate on the lower bands and CW. QSL via RX3RC, by the Bureau or direct.
Look for updates at <http://www.ei6dx.com/senegal/>



International Space Station Observation Passes Viewable from Palmerston North

The tables below will give you an indication of when the International Space Station will be visible over Palmerston North from October 19th to November 24th. The next Space Shuttle mission will be STS-129, currently targeted to launch on November the 12th.

Date	Mag	Starts			Max. altitude			Ends		
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.
19 Oct	-1.0	21:00:35	10	SSW	21:02:37	17	SSE	21:03:46	14	SE
19 Oct	0.4	22:35:09	10	SW	22:35:12	10	SW	22:35:12	10	SW
20 Oct	-0.4	19:49:44	10	S	19:50:44	11	S	19:51:43	10	SSE
20 Oct	-2.1	21:23:51	10	SW	21:26:32	33	SSE	21:26:32	33	SSE
21 Oct	-1.0	20:12:47	10	SSW	20:14:50	17	SSE	20:16:51	10	ESE
21 Oct	-1.8	21:47:20	10	SW	21:49:18	37	WSW	21:49:18	37	WSW
22 Oct	-2.2	20:35:58	10	SW	20:38:43	33	SSE	20:40:39	16	E
22 Oct	-0.3	22:11:22	10	W	22:12:04	14	W	22:12:04	14	W
23 Oct	-3.3	20:59:24	10	SW	21:02:21	79	NW	21:03:27	34	NE
24 Oct	-1.4	21:23:21	10	W	21:25:44	22	NW	21:26:17	21	NNW
25 Oct	-3.2	20:11:19	10	SW	20:14:15	79	NW	20:17:11	10	NE
26 Oct	-1.2	20:35:12	10	W	20:37:34	22	NW	20:39:55	10	N

Date	Mag	Starts			Max. altitude			Ends		
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.
13 Nov	-1.3	05:17:37	10	N	05:19:57	22	NE	05:22:18	10	E

Date	Mag	Starts			Max. altitude			Ends		
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.
15 Nov	-1.4	04:29:02	16	N	04:30:24	21	NE	04:32:43	10	E
16 Nov	-3.3	04:50:53	18	NW	04:52:56	74	NE	04:55:53	10	SE
17 Nov	-1.2	03:41:16	19	ENE	03:41:16	19	ENE	03:43:00	10	E
17 Nov	-2.2	05:12:56	10	W	05:15:40	35	SSW	05:18:25	10	SE
18 Nov	-3.3	04:02:55	65	N	04:03:10	71	NE	04:06:06	10	ESE
19 Nov	-2.2	04:24:27	22	W	04:25:48	36	SSW	04:28:35	10	SE
20 Nov	-1.4	03:14:34	29	ESE	03:14:34	29	ESE	03:16:11	10	ESE
20 Nov	-0.9	04:46:29	10	WSW	04:48:37	18	SSW	04:50:44	10	SSE
21 Nov	-2.1	03:35:56	37	SSW	03:35:56	37	SSW	03:38:36	10	SE
21 Nov	-0.3	05:10:24	10	SW	05:11:33	12	SSW	05:12:41	10	S
22 Nov	0.0	02:25:54	12	ESE	02:25:54	12	ESE	02:26:07	10	ESE
22 Nov	-0.9	03:57:14	14	SW	03:58:32	18	SSW	04:00:42	10	SSE
23 Nov	-0.7	02:47:07	22	SSE	02:47:07	22	SSE	02:48:29	10	SE
23 Nov	-0.2	04:20:12	10	SW	04:21:24	12	SSW	04:22:35	10	SSE
24 Nov	-0.8	03:08:16	19	SSW	03:08:20	19	SSW	03:10:31	10	SSE

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ZL2KO SUNDAY MORNING NET ROSTER

<u>AUGUST</u>	<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>
	6th ZL2SKY	4th ZL2LI	1st ZL2BPX	6th ZL2RMH
	13th ZL2KID	11th ZL2FE	8th ZL2IAN	13th ZL2ADN
	20th ZL2RMH	18th ZL2BEQ	15th ZL2BJA	20th ZL2KID
	27th ZL2ADN	25th ZL2AUB	22nd ZL2VX	25th ZL2AUB
30th ZL2AFJ			29th ZL2AFJ	27th ZL2FE



**2009 M.A.R.S.
BRANCH 20
AMATEUR OF THE YEAR**

**BRANCH 20 MANAWATU AMATEUR
OF THE YEAR AWARD NOMINATION FORM**

I would like to nominate: ZL_____

For the Branch 20 Amateur of The Year.

My reason for this nomination is: _____

Signed:.....

Callsign.....

**Please send to:
MARS Amateur of The Year Award
P O Box 1718
Palmerston North 4440**

Via Email: stanruss@inspire.net.nz

Or place in the box on the desk in from of the whiteboard in the Branch 20 Clubrooms.