

THE Official Journal of the JARL QRP CLUB

It is a membership now; 270 people
(JARL registration number 11-4-15)



QRP NEWS

Vol.10 February 2009

It is a big impression with small power

QRP: Small Power, Big Dreams!

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Topics

One) It is a special feature of "Total Power Competition2009" this month.
Two) "world QRP bulletin and JQRP" and a title were done (P- 2-8), and there was urgent suggestion of QRP NEWS quarterly / each monthly publication. (P-9)
Three) In addition, from an officer's meeting, members is being asked for "a postcard questionnaire about a bulletin". (P-10) We will have JF6LIU/1 Togashi take care of four) contest charge staff. We pass the baton from the next fiscal year, but an unprecedented unique contest will be held in future. Participation of all of you is being expected. (P-14,15)

A foreword

A delegate

JH1FCZ Okubo Tadashi
OKUBO Tadashi



JARL QRP CLUB DATA BOOK 2008-2009 distributed in December, last year have an editing single woman, and people were troubled at all, but we ask to have replace an appointed page because it was sent as a revised edition (three pieces) the other day for six pages.

We are really sorry.

By the way, radical improvement plan is contributed to current issue about use of this club, publication of a bulletin in particular by JLIKRA Nakajima. (nine pages)

In our club, the number of officers was reduced by rules of a society revision of the point period. Therefore it was being thought that the administration same as before was going to be done a burden of an officer became big, and to reduce a work load of an officer in there being danger that the private life was threatened as much as possible from the beginning for period. However, it is the thing that it is never got away from a conventional administration method by constitution to think about a thing in the basics. That this did not have a seat of a big "bulletin charge officer" of an energy consumption particularly was had a pain in.

We had the people who had administration of a meeting cooperate to overcome these put up a hand, and achievements in its own way were given, and we gave up, but it was said that there was a limit after all without reform of basic structure doing it.

In addition, reaction of all of meetings for a bulletin was very thin, too. For the charge that sacrifice nishitemademo continued publishing the private life, it is for it to be very hard that there "is not reaction". Then the bulletin which a member wants to read should be published. However, there was not the person who reacted what it was. This thing is attacked, and it wants to be thought to be on duty even if "a bulletin may not be necessary", and it is become.

Even if an administration form of a club must change with development in the world necessarily, it is felt that improvement plan of this Nakajima is read, and we seem to have administered it in recognition for a bulletin of this club in particular as old constitution as antiquity, and it was waked some other time.

You were told that "a club would be reformed" at the beginning of this term at an officer's meeting and this term was placed with "age of trial and error." I thought that suggestion of Nakajima was pointing out the reform that was not able to be found among we officers precisely.

It is read this suggestion by all means, and all of you agree on the basis of an ideal method of meeting in the future, and please want to contribute objection or a counterproposal and the opinion that it is it by a postcard of right or wrong separate mail. "Trial and error" as "a bulletin for a member" wants to be done based on those opinions.

A special feature: Total Power Competition 2009

TP competition charge

**JL1KRA Nakashima Junichi
JUNICHI NAKAJIMA**



A QRP TP competition staff report

**JL1KRA Nakashima Junichi
JUNICHI NAKAJIMA**

? About a report from a participant

By the way, a manuscript was had about a current action and mensuration from Chairperson JH1FCZ Okubo, JH7KYD/1 Kageyama, JA9CZJ pine Shigeru in TP competition, the this month when we began at once. Thank you. Wacky Races nara handsome V9 ni is equivalent, and it is souna Kageyama pride no machine, competition de desa reru km/TPW result ni interest shin desu. It is said again, and Chairperson ppe ni shi te championship o Okubo ha black demon king toitta tokorodesyo u ka, shibori to plot overcharges, and "zero zero machine no maintenance ni other idea ga is not" ni shibori ta. But it is from this whether a plot succeeds. If you challenge is a vacuum tube rig, please study "cancer cough opening", interchange mensuration of pine Shigeru well.

In addition, a junk or unique my own "popo SL" plane to mistake for is various quarters, and, during preparations, "Hugh mud coupe" doing a viewpoint may appear for seemingly commercial "gang seven" yaizatonattarao simulation.



cWarnerBros.

Next introduces a top batter of a report had by an email.

JG7BBO station Tsushima

The ? date and time 2,009/01/02 15:06

? jikyoku call JG7BBO (QTH Itayanagi-cho, Kitatsugaru-gun)

? partner call JR7AGI (QTH Aomori-shi)

? RS exchange 53 My Ur 57

? distance 32km

? use rig AITEC TR-2 (a TP handicap)

0.43) Achievement

of ? antenna GP ? km/TPW

13.76

Took off illumination and LED of a meter, and tried to lower consumption electricity, but; still more. A relay of so / reception reshuffling is exchanged with a radio source (manual operation), and it is thought that power is lowered (150mW is appearing with a power supply of 9V now), and TP will be held down. A transmitter of 10mW and a receiver of a superregeneration method are being produced with the crystal which had distribute it. In addition, an antenna is going to be got ready if snow disappears. We want to do its best with an aim in 100km/TPW (production of a transceiver of handicap 1 and contact of 100km) for me.

AITEC TR-2 is now, and acquisition may be difficult, but it is the kit which seems to become a remodeling base of TP improvement. In addition, it is a fruit

It is thought that it tries to be measured in TP in case whether QSO at usual 144MHz had understand that we feel different suddenly. km/TPW ni hating I mo, at first, one's rig no TP handicap is down, and better ta ga, falls, and it is komi n de bakari mo i rare mase n. Let's aim at the future record up that thank you for Tsushima, a report each other.

Stimulation was taken for "fun of a TP concept" of QRP NEWS January issue and advice of Okubo, and participation was decided. The prospects of success have nothing with a supplementary examination level of a production article, but it tries to be tried somehow. That aim at a prize; want to enjoy trial and error more.

Thank you for a participation expression. Because a strategy to make one's prospects of success in secret presses you, and it is said, please do not give it up from a beginning, and we sleep. With the bureau which DX communication of VHF keeps company with as is written; let come across you, and there is it, and what try to try seem to be a large chop somehow. The trick that does not fall behind a black demon king is asked for. Of course a report of failure is a welcome as well as success, too.



? About how to lead TP competition

cWarnerBros.

(1) An entry expression and a method of a last entry

Please send an entry expression and a report in the way to the staff by emails at any time freely. It is thought that the chances when a record lengthens while we move in FM of 144MHz many times, and doing QRV of increase. A last entry is extremely simple, and, therefore, it is calculated, and we have bury an attached entry form with current issue in a TPW calculation method of an introduction last month. It is thought whether anyone can fill it out if there are 30 minutes. An entry form is not minded by handwriting. But Word, a file of PDF are put for pasting up convenience with a digital camera image the QRP-ML future. May have request it from staff (mx6s@yahoo.co.jp) by an email; if it is possible, have make comment briefly, and do it, and please stick this part on English by automatic translations. A last entry is done with August 15, 2009 when it is easy to be learned. Give the staff it as must arrive, an entry by attachment by an email by this day. Arrange entry forms of people by a ham fair in 2009, and begin to put it, and bundle up order announcement, an entry form and; at the future; in booklet making, a folder of san.

To take a step clear simply of distribution in

(2 drops.)

easy) About commendation of TP competition

A prize for participation is planned to all the participants about a prize without exception. but championship, runner up, the third place are arranged as a grand prize. Of gentleman rule no TP competition ha, km/TPW record ga kyo te, which but aim at km/TPW record high rank winning prize o; say, and measure ya moshi re zu, named to precisely, and find, lobster den (radio airplane, log to) o, and is teoi tekudasai. In addition, booby prize, less than TP 1W most long distance contact prize, unique circuit prize, vacuum tube prize, a QRV device challenge prize, commercial handy airplane prize, nadono prize are established. In addition, it is raised

Please suggest a prize from each masunode bureau. This is carried on its back by emails, wish and it is done.

(it)is About doubt / an opinion to TP competition

Kageyama is giving an opinion to be hard to understand process of TP competition by this manuscript to me. I had the situation that was hard to understand relations with 1000kmTPW prize although it was popular to attract the staff. In addition, but at first, by the way, it is put, and we please get ready for TP competition in a lighthearted thing as TP competition why it is 145MHz whether the frequency that why is inconsistent as for the crystal glass whether it is possible for international common knowledge in this without being too greedy. said that it will be enjoyed to 3)

TP electricity mensuration in TP competition misappropriates 1000kmTPW Award. However, it is exaggerated next town and QSO are done at 144MHz, and to demand distance from a latitude and longitude. The distance measurement was relaxed for a simple report with an entry format. Of course Award can be applied for if a person achieving 1000kmTPW in VHF appears.

Crystal glass 145MHz think whether it is to let's try more than VHF in various ways triggered by a stock offer of a chairperson without persisting in only an HF obi. If an excellent plane is made a kit like EQT-1, we will have unification of frequency in the future like FCZ Pocket Transer. It is ha rearranging itashi mashi ta at katsu thing de this time hating a device for the younishi te we no TP that entry form o foreign countries bureau mo o is publicized, and it is masyo utōs readable for international.

If even famous relay road race and world competition follow the origin, somebody calls you, and it seems to be a grass race to try to compete because we seem to be interesting. Because TP competition 2009 is right this stage, it is thought that we have participate without buying a too complete thing. If there is pull opinion comment, it is sent without hesitation, and it is a bottom sa i.



The one description of TP experiment so

J

H1FCZ Okubo Tadashi

Labor saving km/ total power competition of a transmitter competes for the number that fell below the distance that contacted it by a transmitter and a total of consumption electricity of a receiver. Therefore to win this competition; with a transmitter

Consumption electricity of a receiver is made small as much as possible

taimonodesu.

A fault of a transmitter

We looked. Test it about labor saving of a transmitter gen there

A decisive factor of labor saving of a transmitter is considered at first to use a semiconductor. The reason is because heater electricity is added to consumption electricity if a vacuum tube is used. However, participation in a meaning to be said to be able to save labor to here even if a vacuum tube is used thinks that thus it is interesting. Labor saving in various meanings is being expected in a of all of you. Difficult point

A core of an oscillator transmitter is an oscillator. It is an oscillation how

den masu of a

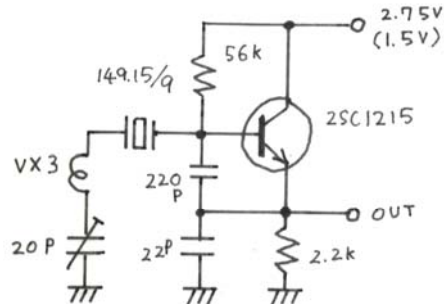
container. ta which it becomes the first barrier whether an idea is made small, and

At first it is a ji rei oscillator that it is thought. FM abnormality is easily taken, and we are profitable from a meaning of labor saving, but a change of frequency and a problem to say are being included. It was decided to employ a crystal oscillation child in a passable place here. An exaggerated tone oscillation looks good from a meaning of labor saving, but, as for the problem, stability of frequency is good, but there is it.

it is saved, and abnormality does not easily suffer from.

An oscillation can place 1/9 frequency of 144MHz in VXO, and a thought is better in conclusion koreotei times are done, and to get 144MHz

Firstly it seems to be circuit ha FIG. 1 thought about.



(FIG. 1)

A crystal oscillation child was 149.15MHz, and a basic wave used it at once because there was the thing of 1/9 at hand. An off belt was being done frequently, but the experiment just continued it because it was to exchange crystal at the stage that a circuit was settled. Still we continue talking at basic wave 16MHz, 348MHz, nine tei times 144MHz about frequency in explanation.

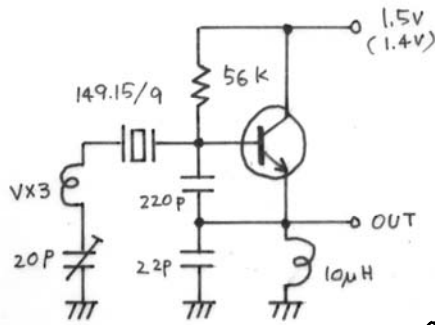
This circuit did an oscillation well. The data at that time said power supply voltage 2.75.

Because total consumption electricity that a receiver minute can be included was 2.703mW by a record when 50MHz AM airplane is carried on its shoulder in Mt. Fuji for 2006 years, and it was put up, consumption electricity is too big in 1.79mW only in an oscillation step. Therefore it is lower mashita to 1.5V same as time of Mt. Fuji with the voltage.

It is ko in saying 1.5V and 1.4V labor saving

The power supply voltage wants to be made 1.5V.

2.2 emitter resistor kilohms of FIG. 1 tried to be changed for RFC of ten ? H like FIG. 2. As a result, an oscillation did even 1.5V magnificently, and, as the best data, it is 0.65mA, * 1.5V, an electric current 0.65mA, *oshi supply voltage supply voltage



(FIG. 2)

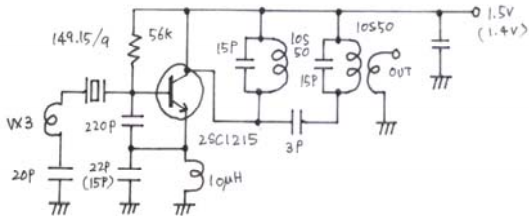
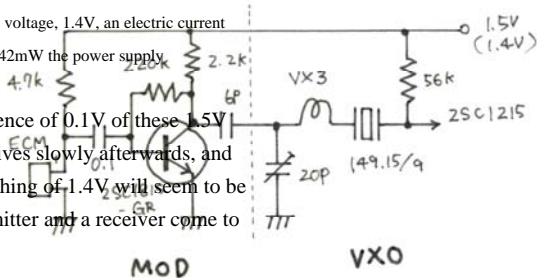
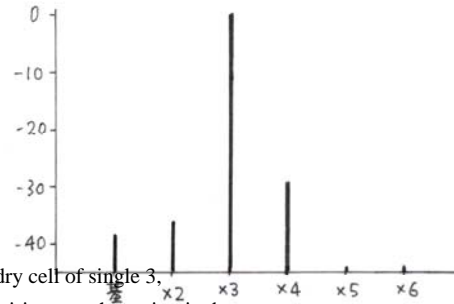
The experiment of this time was using an alkali dry cell of single 3, but because a circuit was being done by barrack wiring, we short-circuited by a battery by mistake, and a battery became warm, and the voltage has fallen down to 1.4V.

When data tried to be taken as 1.4V with the power supply voltage, 1.4V, an electric current fell down to 0.53mA and the consumption electricity to 0.742mW the power supply voltage.

Consumption electricity is a varier in a difference of 0.1V of these 1.5V and 1.4V greatly. The voltage of a battery revives slowly afterwards, and it was become by 1.48V, but it is used, and a thing of 1.4V will seem to be looked for by a not finished battery if a transmitter and a receiver come to work properly.

Because a basic wave taking out 3 times ingredient is 16MHz, it is the first step

Must use to do is had of three tei times as a floor. The collector was connected directly with a power supply by a circuit of FIG. 2, but a condenser of FCZ 10S50 and 15pF tried to be installed in here like FIG. 3. The spectrum of the output of then was the thing which a basic wave resisted most, but 48MHz level became strong most by putting this resonance circuit.



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A tool of Total Power Competition 2009 use

JH7KYD Kagayama Masatoshi
KAGEYAMA MASATOSHI

When there was me as 145MHz Zone in an object band although this plan was announced with a strategic arrangement could turn, and to send an achievement of QRP index of this club original to the world, and it considered an electric wave propagation characteristic or a contact form that crystal distribution of participation awakening was 1, much addition explanation was formed; cannot understand the intention now. However, there was the side of a plan for ham fairs, and it was decided to try to prepare a tool of konpetesyon business before making an objection.

It is an original of this club, and thought of km / Total Power is omitted to JARL QRP CLUB DATA BOOK 2008-2009 distributed in the other day, but there is already the results, and 98-99 pages of the 50th anniversary memory magazine can watch the record that it seems that we are the latest. It is a digression, but publication surubekidattarouto thinks of these data in DATA BOOK in conformity with the thirteenth article regulation.

410,000km / that Mr. JA1XB Ishii achieved the current champion record in 7MHz CW according to the list of these data TP is being become. And what should be surprised at is a wonderful value with the consumption electricity of what and 0.96mW. When it is replaced with a TP handicap suggested than Mr. JL1KRA Nakajima with the last month's issue, as for the coefficient, it is it with 1,041.7 and a surprising value to say. It was the awful value that transcended a band and superiority of a mode, and but, only as for being dumfounded, it tried to be tested by my technology of the present somehow

At first it is a receiver. The crystal that provision was announced was one, and the good idea to use this for the receiver side and a transmission and reception intersection was not hit on because an object mode was FM. On the other hand, a conclusion that "constitution with a few active voice elements was desirable" was reached to hold down consumption electricity, and the reception form thought of was superregeneration. As for this method, a lot of production examples are reported by the AM reception of 50MHz Zone, but it is assumed that the FM reception is possible. There was a production example for FM broadcast in a technical book, too, and you tried to be imitated at once because it could be served in one active voice element except AF AMP. It was about time when it, and it was able to confirm that at first FM broadcast was done in a target, and it was produced to become a tidy reception sound if even a good antenna of condition prepared whether FM detection was possible because it was half in doubt. When we are in a good mood, and it tries to be changed in 145MHz Zone, only selectivity to hear is totally surely not. Because it was assumed that C of LC was variable in alignment department, a rotor was pulled off to reduce a variable range of choice station business variable condenser, and a vernier dial tried to be added to realize the delicate choice station, but it was a useless effort.

If there is not it, selectivity provided by the measurement is the force that seems to hear 145MHz Zone to have 2MHz at a time equally. With surukotode anything variable in what became meaningless by this in the choice station of C was variable, and to get together with a kuenchiengu oscillation level; the choice station is meeting it. It is very doubt, but, in an FM amateur band of 145MHz Zone made a channel by 20kHz step, it will be it with big fighting power at power supply voltage 3.1V whether such a receiver becomes practical use because a consumption electric current is 1.91mA if contact is concluded.



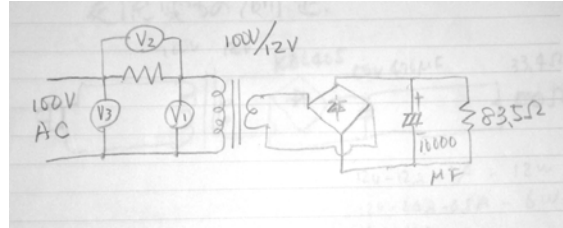
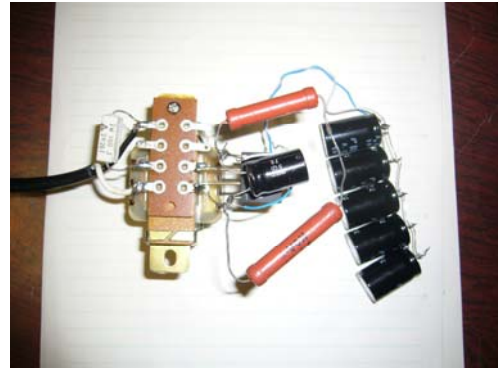
145MHz superregeneration receiver

Next is a transmitter. It was required to hold down amount of an active voice element here, but, as for the aim output, 10mW wanted to find most in an antenna and the location that would be examined before long because it was influenced at a contact opportunity even if dependent. It did appropriateness and thought, this in form three *bai ? *bai did crystal oscillation 3 of 16MHz Zone as for the signal of 145MHz Zone, and to create. If two 2SC1906 is used, a signal of 145MHz Zone is easily provided. If MIC AMP by 2SC1815 was gone through to be able to be elaborate and was irregular in crystal + Bali cap, it was it with excellent FM wave. However, even if at last - 10dBm already adds one step of 2SC1906 to this as for the output when the power supply voltage is assumed around 3V, 10dBm (10mW) of an aim is not reached by about 0dBm (1mW) coming to a stop when the power supply voltage is being controlled to 3V. Some trial and error was repeated, but the aim output was got without can step to the experiment that changed a device by improving the power supply voltage to 9V. A consumption electric current of this time is about 14mA.

It should be done, and, as for the crystal of this transmitter, only 1 is using one and the condition that took provision for the same. Variable surukotomo is easy, but spot frequency has it daringly because it is predicted that it is it with an evil of rather variable surukotoga use without kyariburesyon meeting it by a combination with the receiver that enough selectivity is not provided. Still spot frequency has 145.020MHz from belief that one near as possible to summons frequency is connected for increase at a contact opportunity.



A handicap is 7.58. It sounds to have made the power supply voltage for transmission of a message 9V, and a TP handicap is not arriving to 10. In addition, the tool which accorded with true contact a little more should be prepared for very how much contact opportunity a superregeneration receiver and a spot transmitter are blessed at because it is doubt, and the type that is not kept in a precondition is being tested now.

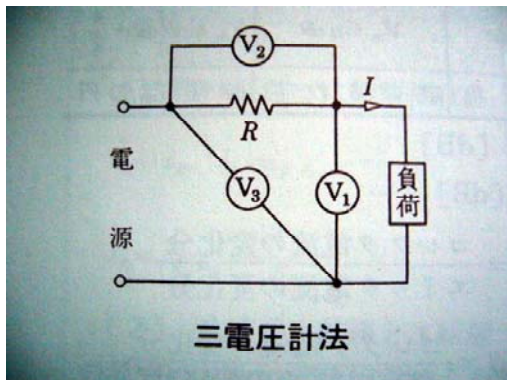


An experiment result about a measurement method of electric power
JA9CZJ pine Shigeru *kichi
Matsumori HIROKICHI

Award of this club has 1000km/total power prize, and there is a thing competing for communications records in 144MHz FM as competition of a club of this year again, but it is comparatively easy, but generally a power factor and a difficult problem to say occur when use the battery which is direct current if warn internal resistance of a tester when use an AC power supply and; simply. In other words it is superficial electricity (VA) not effective electricity (W) that it can be measured in a tester commonly.

When pine Shigeru commented, the intention that pointed out this thing to a chairperson in secret bounced here. It was what could be measured by three voltmeters method (there is three ammeters method) to show it in a figure for a textbook, but reality cannot measure it with accuracy in its own way and it tried to be tested.

Even if use of a commercial power supply is using a commercial power supply for a bureau to challenge in a vacuum tube-type rig in wacchi in the case of a semiconductor-type rig as normal, a challenge and the which were changed to a battery when we say look more and more good to communications records. Because the measurement about a commercial power supply is accompanied with danger such as an electric shock or a short circuit of a circuit, aerial wiring can bloom, and let's measure it after soft soldering is done on a terminal, and fixing it.



Three voltmeters method
 2R de calculation deki masu which breaks square square square three voltmeters method no electricity ha, $P=(V3^2 - V2^2 - V1^2) / 2 R$ [W] (V3 no minus V2 no minus V3 no). An experiment circuit and a photograph are shown.



Total Power Competition 2009 (144MHz FM mode) Entry Form

SAMPLE

ハムフェアで張り出すので、大きな文字で書いてください

		6	5	km/Total Power Watt is achieved by	J	L	1	K	R	A
--	--	---	---	------------------------------------	---	---	---	---	---	---

Athlete Name JUNICHI NAKAJIMA

Date and Time 00 / JUL /2009 12 :34 my QTH Yokohama-city

Station Worked 8J1VLP/1 his QTH Mt.Tsukuba

RS report His 55 My 41 Distance 93.7 km

Transceiver ALINCO DJ-C7

マピオンのサイトなら地図上で測れます <http://www.mapion.co.jp/>

3.7 V 305 mA on TX, 3.7 V 84 mA on RX, TPW- handicap 0.69

Antenna 1/4 mobile whip

Detail of TP challenge (in English if possible, photo and figures are welcome)

Though good TPW was expected by the QRP DJ-C7, measured power consumption was bigger than its specification. At least I would like to achieve 100km/TPW. A Yagi beam and good location will be my next challenges.

QRP ハンディ機の DJ-C7 なら TPW でいい成績が出ると思ったのですが、測った消費電力がカタログ値より大きく残念でした。今回は最低 100km/TPW を狙います。移動運用で八木アンテナを使って挑戦してみます。



Web の自動翻訳サイト <http://www.excite.co.jp/world/> を使ってコメントを英文にする。

リグの画像、運用風景など歓迎



Total Power Competition 2009 (144MHz FM mode) Entry Form

--	--	--	--

km/Total Power Watt
is achieved by

--	--	--	--	--	--

Athlete Name

Date and Time / / : my QTH

Station Worked his QTH

RS report His My Distance km

Transceiver

V mA on TX, V mA on RX, TPW- handicap

Antenna

Detail of TP challenge (in English if possible, photo and figures are welcome)



Because it is publication every month... being a regret of a thing, and big load with editing. When you were entrusted with a professional of editing was supposed not to be too dependent on such a person.

**World QRP bulletin and urgent suggestion
... in JQRP - QRP NEWS quarterly / every other month**

JL1KRA Junichi Nakajima



When watched... is a membership... people who want... is the directionality...

It is strongly suggested that NEWS is assumed a quarterly (bimonthly).

As for each, it suggests content of an article to the booklet that distribution is possible, in addition, to open the foot of QRP to finish it is filled up, and it re

place of QRP. There were QRp and QRP homebrew which there was a membership system before, and Norcal and NJ-QRP were proud of a little less than 1,000 parts distribution to and the bulletin which said, but both clubs grieved at a fee as AmQRP last after the alliance, the bulletin was abolished. This is because distribution cost of information becomes beginning by information revolution by IT entirely, and a membership system and significance of a bulletin deteriorated. Published by bulletin is a big overhead more than expected as well as a member account book and fund management, a special display and sale plan for a club of medium size or small size scale. It was only information sharing means that a clubber was become if before ten years, and received a bulletin, and there was a meaning. However, a group about a specific QRP topic can be formed in Yahoo Group immediately now. The QRP friends who burnt with sense of purpose gather from the world, and it is in the world to realize by real time progress to high quality QRP radio airplane development. For example, contribution was possible from JA while changing India, U.S.A., the Netherlands, Sudanese QRPer and information in inexpensive 14MHz SSB radio airplane (BITX20A) which the last month's issue introduced. There is not a thought called an officer and member service at such a place, and vitality overflows naturally because only that little, a project is participated in is proved by oneself.

Then what will a merit of a club of a membership system be? As a place keeping a membership system degree of handed-down convention type, there are American QRP-ARCI and British G-QRP. A bulletin is published by a quarterly once in three months in these club. ARCI is sponsoring big events such as FDIM in Dayton. If it is a club responsibility has an annual event, and to sponsor, it seems that the that there was some organization form is desirable. QRP Quarterly (photograph 1) of a bulletin of ARCI feels a review of a project in a mentioned above society is it to a member because a QRP topic is being archived with a booklet booklet then, and to subscribe to, a subculture to Akiba information, digital system electron work w Bulletin SPRAT (photograph 2) of GQR covers with a certain range are and the simple QRP technology action that and interesting is being introduced. SPRAT has many connection diagrams of handwriting, and a lot of such Europe has an environment does not yet have and Russian QRPer, and a state of joy of exchange of a paper base reaches. A DX report of a ham fair, and a state of joy of on the conditions of a country, too and we are reading and are happy. Even if size is small, the contents which are the spissitude makes the present bulletin a purpose every month for some reason not got tired of, and it is repeated that each number is received in a purse, a train in a bag, and it is read, and it can be enjoyed!

On the other hand, it is J-QRP, but it is the quality that contents of bulletin QRP NEWS are excellent, and is not defeated by in comparison with inclusion, QRP magazine of other countries

While a person concerned with editing gives a scream painfully if it is already im successfully (3 generations?) for 2 generations, it is what seem to continue published in a yet former extension line every month to have been surprised to enroll in a club again this time most. If work is undertaken once, a certain person in charge is hard to say a sense of responsibility. For reference, a plane is sympathiz and a change of the times and an overseas club think about an ideal method of a bulletin too, and a JQRP clubber should urgently perform a review before the person in charge is downed. Will only QRP NEWS which why is be every month in the time even JARL news is in a quarterly?



(photograph 1) It is an A4 letter-size by bulletin QRP Quarterly (QQ) of ARCI, a quarterly more than 60 pages. An annual subscription is 23USD, about 2,000 yen. A charge editor is a majority, too, and used QRP airplane or a review article of a kit are edited. An advertisement or an event report of QRP Benda are fully loaded with, too. When we read for the first time, we are overwhelmed to the information and area depth of American QRP layer.



To clubbers
A request about a postcard questionnaire

An officer's meeting

"Activity of trial and error" in the first year was continued while we started by a chairperson, a vice-chairperson, a secretary general, accounts and the system of two inspectors in members, April of last year, and having support of members. Every month publication of a bulletin has been continued more somehow than 4/5 moon merger by the effort that "every month publication of a bulletin" that was one of the pending issues from the point period edited a contribution from members and a personal devoted bulletin of a secretary general. However, judgment is the state that it is difficult by the little present of an impression and reaction where publication continuation of such a personal bulletin moving devotedly is possibility to whether we are having satisfy with contents of a carried article. When a konomamano state continues, give me agreement under the present conditions that continuous publication is anxious about of a bulletin after April issue of the second year some other time.

QRP will be played (pleasant QRP)

Editor JA1BVA Saito Masaaki
SAITO Masaaki



2009 came. How will you be getting along, everybody? It is reported about got information and "the advice of movement use" of 7K1CPT Yamada and JD1 movement use at my end of last year from CQ magazine January issue this month.

About expansion of seven mega zone

JA1BVA Masaaki Saito

An aware member already thinks that it is, but an important thought is carried for QRPer by CQ magazine January, 2009 issue. Is an outline, the next contents; (the left step of 60 pages).

"QRP frequency of our country is 7,003kHz, but 7,030kHz are becoming designated frequency in the first area, and 7,030/7,040kHz are becoming designated frequency in U.S.A.". We feel like had better promote the use of this frequency in our country This description is considered as a

personal thought of the writer (JK1OPL station) of an article, but it can be interpreted while recognizing current 7,003kHz when a shift to other frequency is planning to seem to be promoted. It was carried by CQ magazine, but we intend to have to think.



The advice of movement use

7K1CPT Seiji Yamada

It was an FM handy transceiver of C520 that I opened. Originally a magazine and the specialized book which became the source of information were read, and we hunted in radio and science because interest was not deep. A limit is felt in the range that can be received with a whip antenna, and it is Mobil whip in a porch. And we upgraded to GP. We thought to try to go out, and oneself stood to a mountain without we still got tired, and being worth because a signal of mountains mobile station always was strongly doing nyukan.



It was it with a deep rig of the memory that an enrollment condition of a QRP club of rukoto could be satisfied, and was able to become a member of a club. Movement use may bring big result than it is managed with limited facilities of home. We think about how you are successful when you were not successful, and the wide space and location that can carry it out can be utilized in fact.

A certain car o use dekire ba load no transportation ga to ka, to spending a loud kiru thing depending on a walk no tsuideni radio airplane o ji tte nado, device to go out on foot which temo, train de moves without nari masu ga, moshi it ga deki easily, and watch park made bicycle o shi tte nearly tari, thinks, and it is masu. Tries not QRP to be enjoyed by movement use?

A JD1 movement operative report

JA1BVA Masaki Saito

A sea voyage of 25 hours 30 minutes is finished the daytime of 14th ago in December, last year, and Chichijima on schedule is arrived at, and lunch of a mother handicraft of a private home providing meals and lodging is had, and the construction of an antenna is started. The wife who got sick from a ship takes a break in a room. The GP antenna for seven mega, LW (43m length) of business less than 3.5 mega, the radial developed 10 of them (total extension 150m) which added up a plastic line of 7-20m. At 20:00, it is CQ three times at 7,003kHz on the same day. Both miss a ball. CQ of VK4PN was caught on a little, and it was called, and the first contact was become. There is a bureau called successively. What European RA1AOB station. It was 599, a powerful signal. It is managed, and it is started, and Oceania and Europe are got early in 2 stations. JA? to thought, CQ of two or three stations tried to be called, but there is no reply. How is it being become? ? ? . The sixth JD1 use was started in this way. It is a foot sightseeing start with a wife on schedule for 15 days, the following day. Nature of the sixth Chichijima is changing the figure whenever we look. The first contact with JA was an early morning of 16th. It-affiliated,, RZ3QZ kara call ga ari, DX in particular drains information o after the mo end then, and noni, well bun teiru na to without teiru reason de admires, and it is ta. The first 2WAY-QRP contact was contact with JA2OP/QRP Aoyama by 7,003kHz of 10:29 for 17 days. The first 2WAY-QRP contact of other bands was JK1TCV/QRP in 1.9 JA2AIH/QRP (17th 19:40) mega in 3.5 mega (same day 20:25). For 19 days, it is use in Mt. highest peak (in the highest peak of Ogasawara-mura, Hahajima) center of Chichijima. It is JE1CDW/1/QRP Ohashi that had reply to several times CQ first. We were glad to listen to a signal of Ohashi. In the mountaintop, as for the sunlight, a certain only north wind was strong, and a face was warm, and the back was use in the inside to be cold.



JD1 use started at 20:00 recorded 133 contact at 12:40 on 21st, and QRT was done. An antenna, packing of a rig were finished in the evening, and we had progress by car of a private home providing meals and lodging to Yamato. Foot sightseeing with a wife was devoted itself to afterward. The parents' house of my student (the deceased) of the active times was visited on the way, and father, flat shallows moat Goro were met, and a way of was able to be met in deadee and 23 of the deceased. Flat Goro of the Ogasawara-mura most elder is 94 years old. A single life is healthy extremely though it is become. Inquiry, the reopening were promised, and we parted, and stories such as the history of Chichijima, the present conditions or hope (we want to make an airport early) of an islander were done.

And, on 24th of the last day, a seeing off of an actual place station JD1BBH Yamada married couple was received at Futami Port pier of the ogasawara-maru departure from a port, and we had, in addition, a wife present "a lei" from JD1BLO Takaiwa (a wife of JD1BLN station), and it was it with parting of emotion. We were glad in the truth welcomed like this by a local bureau Interchange with the local people who assumed amateur radio communications a common hobby thinks that it is on the trip that gangs are different from other tourists in.

A QSL introduction of a member

JA1BVA Masaki Saito

QSL of JR9OPJ Nakanishi and QSL of another call sign of JA6SZC are introduced this month.



Award introduction

Award charge staff JK1TCV

Kurihara Kazusane

KU RI BARA KAZUMI



About Award that is being published in JARL QRPCLUB, revision of an agreement and new Award are published so that published JARL QRP CLUB DATA BOOK 2008-2009 have it at the end of last year.

When, about a revision of an agreement, the main point is easily compiled,

1. Application charges become free of charge.
2. Presentation of QSL card is unnecessary, and it is OK only by a self-oath.
3. That special mention is followed is clarified

tonarimasu.

About a detailed agreement, look at JARL QRP CLUB DATA BOOK 2008-2009.

In addition, about new Award, handed-down convention was limitation Award of the meaning that there is that QRP Award that there was acquires in QSO with a member of JARL QRP CLUB, but a member-limited fence is taken away, and it is a thing for all QRP station. Therefore a QSO (QSL) number was improved in 10, 50, 100 stations (mai) from conventional 5, 10, 15 stations (mai) because a frontage opened more.

Of this time; is enforcement sarema about newly from April 1, 2009
It is done.

Still a design change of Award is being

If a concrete design is decided, it wants be reported.
Application of Award from all of you is
Thanking you in advance.

There was not the publication of Award of t
Application from all of you is being wai

Contest communication

JF6LIU/1 Togashi Sakae
TOGASHI SAKAE



51 7M4DTQ/1 132
 57 JH1CIG 24

A 2008 Field Day contest result

Telegraphic communication 15.4%

A telegraphic communication telephone 4.2%

(in total) 7.2%

Field Day contest telegraphic communication 26.3%

A telegraphic communication telephone 9.5%

(in total) 15.8%

There are overwhelmingly many telegraphic communication sections, and it is understood that about 1/4 are members of QRP by a Field Day contest. In addition, the ratio that a member of QRP for a QRP membership occupied was remaining in about 6% by about 3%, a Field Day contest by 6m AND contest to fall.

? Telegraphic communication section single operation QRP(section CP)

Winning prize order

- Nine Kanto JP1GTS 2,600
- 12 JA1XWK/1 1,387
- 13 7N4VPS 1,180
- Two Kansai JF3NAO/3 492

? Telegraphic communication telephone section single operation QRP(section XP)

Winning prize order

- Tokai Seven JA1TAZ/1 13,113
- 8 JQ2RBF 1,716
- One Hokkaido ? JR8DAG/8 40

2008 6m AND contest result to fall

? Telegraphic communication telephone section single operation QRP(section XP)

Winning prize order

The first place one national ? JF6LIU/1 137,456

- 24 JD1BKW/1 3,360
- 47 JL1PMH/1 288

11 JA1TAZ/1 14,760

News of a contest charge staff change

This time we will have JF6LIU/1 Togashi take care of the contest charge staff.

By this, 7L3DNX Takeno is in charge so far, but, about a contest from 2009, Togashi is transferred its work to. Because think that get possible to hold a unique pleasant contest till now than there is not it, can become more attractive by all means; thanking you in advance.

In addition, this "contest communication" corner having Togashi be in charge had March issue, and, with this, it would be done with a break, and it was decided to have Togashi devote himself/herself to contest charge duties.

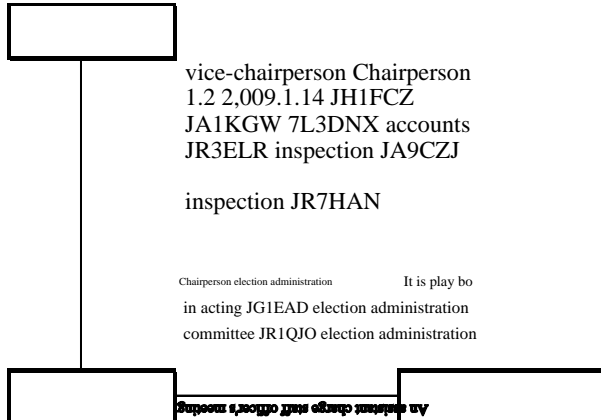
Therefore because this corner in itself will assume it a break, but reporting to people is a plan performing in one way or another if necessary, at the same time,; thanking you in advance. (following page reference)

Please wait for a while now last because 7L3DNX of existing charge treats it by the end of this year, and result announcement, commendation are performed about a result of a contest held in this year.

(the secretariat)

A figure of JARL QRP CLUB officer constitution

2008: Secretary General



vice-chairperson Chairperson
 1.2 2,009.1.14 JH1FCZ
 JA1KGW 7L3DNX accounts
 JR3ELR inspection JA9CZJ

 inspection JR7HAN

Chairperson election administration It is play bo
 in acting JG1EAD election administration
 committee JR1QJO election administration

committee JE1RYH bulletin 7L3DNXQRP

QRPJTKRA8J*P

PDFJ2WXUJH1ARY

ham fair JE1ECF

administration

support JR1QJO

administration

support JR3DKA/1 administration

support JR3EGC/1 administration support

7K1CPT Seki ham JS1BVK administration support JG3ADQ administration

support JR3TGS administration

support JR3GOX whole country

meeting JA1IXI administration

support JH1ARY administration support JR1QJO administration support

JE1ECF administration support

JE1RYH administration support

JG1EAD forum support JR3DKA/1 ultimate to drain off with all authority

of QRP contest technology of

u JA1BVAerJA1KGW sincerity

JH2ECUJR1QJOJK1TCV foreign

countries / jitsugenkoro*tsushin

Awards

It is 8J4P JA4CFO 8J6P JA6SZC

during JH1FCZ8J1P examination

for 7L3DNXG-QRP

for forum support JR3EGC/1

administration support

JA6CU/1 crystal distribution

correspondence ARCI

Overseas JH1ARY Award

JK1TCV contest consultation

room JR7HAN

homepage JI2WXU

A definition of the staff and an assistant

The staff : Charge officiation authority o durability, true do mo kenneru.

Direct communication is regarded as an officer's meeting and the other duties

staff Charge duties are accomplished.

An assistant can be put if necessary.

An assistant: Accomplishment of charge duties is cooperated with with the staff.

A note: ? 1:00 Basics become abruptness, but it is carried as soon as there is an article.

From the world of DX which is QRP

Overseas QRPer

JA1KGW Kentaro Aoyama

AOYAMA KENTARO



? LA5EAA/QRP, Per of camper movement QRV

On September 8, 2008, it is 20; It is 22 from 00 JST; EU opened during about 1 hour of 00 JST, and there were Per, Harry, Laci, Alex and Joska of HA8LCA/QRP 5 stations and QSO of RA1AQ/QRP of HA7UG/QRP of UR5EDG/QRP of LA5EAA/QRP. Let's introduce LA5EAA/QRP of these, Per.

The following email came in E-mail from LA5EAA/QRP, Per the next day.

LA5EAA/QRP

Confirming QSO with

JA1KGW-QRP

DAY	DATE	YEAR	TIME	FREQ	MODE	REPORT
	MONTH		UTC	MHZ	TWO-WAY	RTY
08	09	2008	11:18	14.060	CW	439

rig Yaesu FT817 Txn for nice QSO, 73 de
 5Watt output Per
 Ant. Vertical Butternut HF6

A DX brief correspondence

JA1KGW Kentaro Aoyama AOYAMA KENTARO

An empty state does not improve as ever. From December 16 of last year to January 8, 2009, SSN was beginning. SSN of 9th becomes 14, and 17,20,12,11 were become the next day from 10th, but, for 14 days, SSN is a zero again.

QSL card and photograph two pieces have been sent.

It is a narrow internal photograph and a photograph of the home shack which it is put in order neatly, and was got ready of the camping car which LA5WAA/QRP, Per were really applying. As for the rig of Per, feeding was assuming Yaesu FT817, the 5Watts output it to six Butternut HF Vertical antennas.



DATE JSTCALLHISMYFREQ,RMKSRT

OM3JWJA1KGW2008/1/91640RW9JZ58957914.009200W.3CQJA1KGW2009/1/916259A2009OS59959914.017

koro*tsushin (a description of social gathering whole story)

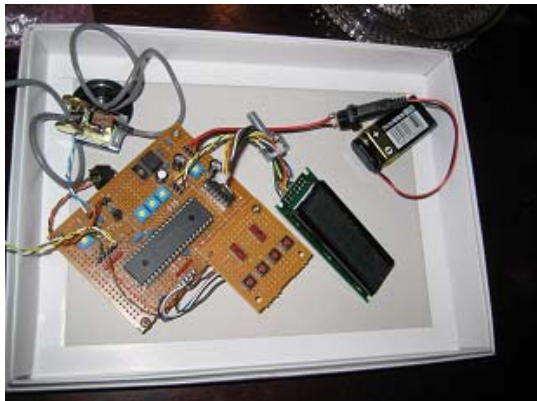
JR1QJO Yabe ichi*

YABE Ichiro

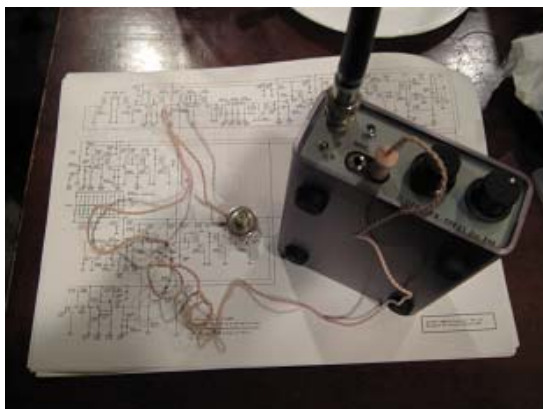


As for first meeting No. 122 that the New Year was greeted, it was held a meeting in a meeting room of koro* on January 17 in the New Year and a QRP social gathering. If an omen was good this year from spring, eight own work product of increasing prosperity was brought in.

7L3DNX/ Takeno completed a semiconductor analyzer kit purchased in Dayton of last year, and it was brought in. This displays characteristics such as unidentified transistor, FET, thyristor, polarity or hfe of a diode; is superior, and is a thing. It is very convenient for a workshop with old semiconductor stock. In addition, a circuit surprises only this in what is very simple without being concerned with many functions. It is right the wonder of programming.



Durability, VCO for exclusive use of two transmission and reception are being implemented. In addition, five fixation channels and transmission and reception independent VFO are had



Member communication



Secretariat 7L3DNX Takeno Takumi

TAKENO Takumi

Because the present condition was sent than JH4WUI Yoshizaki, JF6LIU /1 Togashi, JN1SZF Tamura this month, it is carried.

It is QSO with a kite antenna

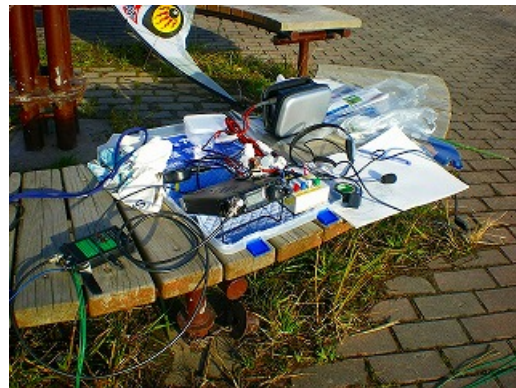
JF6LIU/1 Togashi

Sakae TOGASHI Sakae (#753)



The beginning of the year is going home with a family every year to six areas at the end of the year. Onga-gun, Fukuoka (ongagun) Mizumakimachi ()(JCG#40004/D) which waits for firewood without looking, EQT-1(7MHz CW 100mW) +) Use with a VCH antenna and a mountain are climbed, and QRP use is being enjoyed in a handy plane (144/430MHz 0.5W). It becomes annual to enjoy a kite-flier with children in the beginning of the year on an embankment of Ongagawa (ongagawa).

Is doing a kite-flier every year and; from "a kite antenna oburasagete QRV shitemitainaa ..." and thought; in a hurry; in homecoming ahead; a wire rod (decided to hang electric wire 0.5SQ) from the purchase, lower part central part minute of a kite.) The band which used this time does it with time when there is a kite-flier and 7MHz most lively in the daytime; length of an antenna; GP and 1/4 same ? (10m), an earthed line (10m *5). It is used an Elecraft T1 tuner together in RIG by FT-817. A wire rod connected with BNC of a T1 tuner directly, and it was fixed with tape not to come off.



wacchi tries to be done at once. A signal entered almost as same as a DP antenna
 noisily. However, an artificial noise is wagging it to S8, and QSB is intense probably
 because of condition whether the reason is because in addition a kite is acting violently. In
 trying to take out CQ(CW) which was waited for to wait.
 It is callback in a few minutes from one area (Nakaku, Yokohama-shi). This was
 5W, but it was RST 559 each other. There was a scene a kite made nose
 dive, and to assume hiya, but, in the middle of QSO, a crash was not reached. 1/2/6
 areas and 7 stations QSO were able to be ground on that day, but we were completely
 buried by a noise though it seemed that there was callback afterwards from several
 stations, and it gets impossible to be caught. In addition, it is suddenly cold, and
 a hand becomes numb, too, and we withdraw because, furthermore, hail has
 begun to fall. Joy, the actual feeling that came in QSO with a kite antenna were
 able to be tasted.



1stQSO of this year is an opening scene of a play in the exaggerated sea
JH4WUI Yoshizaki Shuichi (#799)

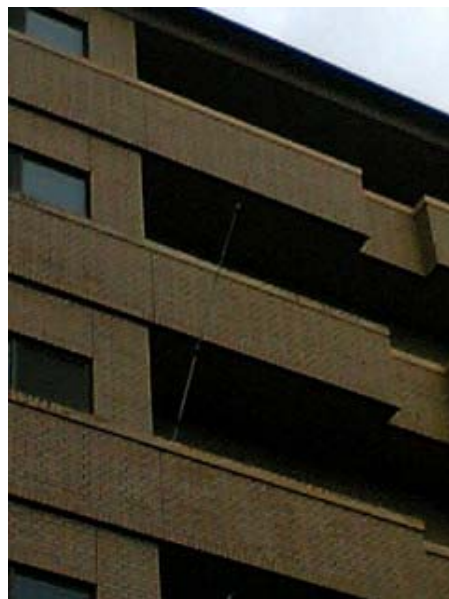
1stQSO of this year is an opening scene of a play what in 1/5 exaggerated sea.
 The exaggerated sea of a person from Okayama was Shodo-shima Island, but we came in DT0ID
 and QSO of a continent.

Facilities are paddles of a unit No. 7MHZ CW 150mW (the KEN-TX7 rating
 output of a Kida electron is 500mW, but it is 150mW because the input
 voltage is low) and DAH-type ANT1 to Izuno handicraft. There was a
 re-try by a mistake of a tail letter many times when wanchippuereki
 on hand was incorporated in a paddle, and it was called for an examination
 of a paddle, but we had recognize it with "T" somehow, and QSO was concluded.

Because 1stQSO of 150mW is QSO with Izuno of dozens ofm, it is long-distance
 QSO of several hundredkm at a stretch.

It is thought that QRP QSO can be enjoyed soon
 this year.

ANT was incomprehensible, but it was pushed out from a porch of the
 fifth floor.





(a limit switch is a paddle)

Paddle ha, Izuno kara finished yo - tte email deitadai ta photograph desu.



It is greetings JN1SZF Koichi Tamura of the New Year

from BV2BJ Larry Lai

TAMURA Hirokazu

It is Tamura.

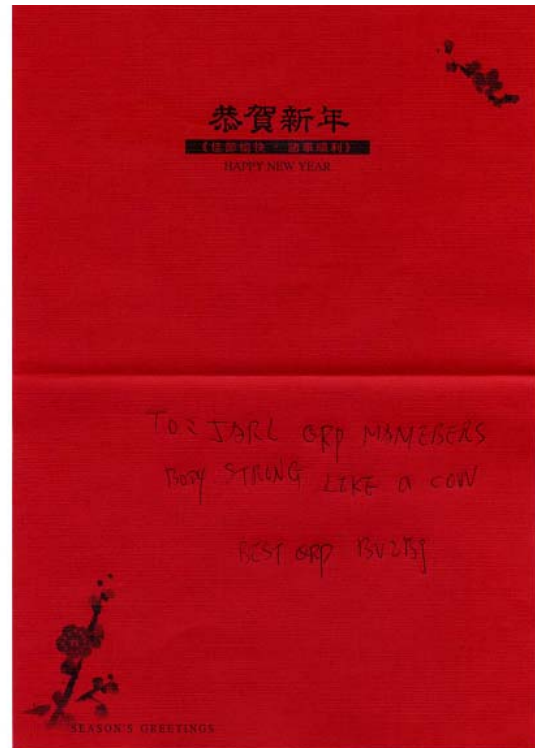
This year; thank you very much.

Because greetings of the New Year arrived from BV2BJ Larry Lai, it is sent. There is a message to a member, too.

Radio should cut it a lot this year.

--

de JN1SZF Tamura



Besides it "seems ka to no ga carrying QRP de play bou no corner he adequately, and it is originally this kan to no circumstances niyori, member communication toshite page he publication sase teitadaki mashi ta at the time of mashi ta ga, editing" ha, about two former no contributions among this three cases.

Please understand it. (an editor)

News from officer's meeting

Because more charm had an opinion whether it would not be it in a certain logo from one of some members, how a logo of a current club was decided was confirmed again. The details are carried by the 50th anniversary memory magazine, but it will be easily introduced.



? About a logo of a QRP club; (reference)



The recruitment of the current

club logo (10) contest holding charge staff

Guidance of a QRP social gathering

Shinjuku social gathering project charge
JR1QJO Yabe ichi*
YABE Ichiro



Day time: Saturday, February 7 16:00-00-18:00-00

places: It is 1-14-3, Sotokanda, Chiyoda-ku charcoal fire coffee hermitage "koro*" (cf. map)

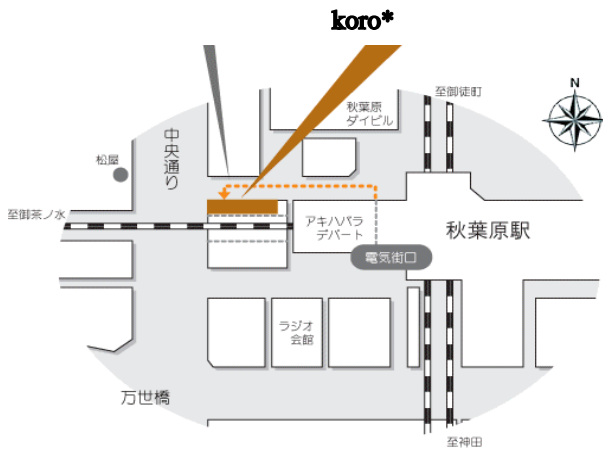
Akihabara department store equal thing electric wave

hall 2F Ph: 03-3251-5359

An inquiry: JR1QJO Yabe ichi*

E-mail: ichiro_yabe@nifty.com * has

participate in this social gathering with anyone.



An editor's postscript

7L3DNX Takeno Takumi TAKENO Takumi

One year is going to pass early after it was appointed in April, last year by a secretary general.

By the way, but contents thought about a substantial thing about this bulletin, too. When it is being published we are hard to think if we try to look back to be making ends meet by a contribution except one part, and the staff reports on an article as well as a newspaper and a magazine not a bulletin as community magazine writes messages for this, and to make or and it is created, we are the same. In this, it is difficult for the staff and the officer who are a volunteer to continue endlessly. It suffers from only a place of an appeal of the staff it is thought that the staff is various, and to make an article, and a thing and a wide margin reading personal blog prevalent recently are not. The contents of a bulletin should be the means how a member of all of you takes communication, and bekidato which is a record of activity is considered.

In the first place because bulletin in itself is not a thing made with a sale purpose for profit, it is not necessary to be magazine and the same contents which generally line up in a bookstore.

On Internet, it is thought that a bulletin is separated from, and there are many a note and one made a remark, and we come lively. It is done



It is lent, and, about a bulletin, it is reality that there are few both contribution and impressions. Therefore, corner itself "voices of a member" does not make ends meet. It is at all the present conditions for a place of information exchange of a member that it cannot be it without becoming only satisfaction of the authorized writing person in charge even if such a bulletin is published in such situation no matter how much. Furthermore, information is markedly much reason if Internet compares it with bulletins. It is new order begun aiming at bidirectional communication, but these present conditions cannot but say notokoro one way after all.

The contribution recruitment

Please send a letter to a bulletin, a contribution in mail or E-mail to the following addresses.

211-0042 Takeno Takumi

7L3DNX ? Nakahara-ku, Kawasaki-shi lower Shinjo 3-7-3-504

E-mail: Communication to the direct bulletin staff welcomes naf01266@nifty.com again, too.

It is 15th every month on the contribution deadline to a bulletin.

Fee transfer

Enrollment fee (it is necessary in reentry society) 1,000 yen (half price less than high school student) fee (like in the case of continuation)

Member of member of bulletin annual sum 4,000 yen (2,000 yen less than family, high school student) bulletin PDF annual sum 3,000 yen (1,000 yen less than family, high school student) fee transfer (a postal

transfer) subscriber name: JARL QRP club account number: 00170-5 -15853s

Attention: A communication column is "enrolled in newly", and, after "the re-enrollment" or "continuation" and specification, a kind (paper or PDF) of a hope bulletin is specified, and a member number (a member of extra-general meeting of stockholders and an old member), a call sign and a PDF applicant please specify it by all means without forgetting an E-mail address.

Payment of extra-general meeting of stockholders costs is asked for every year for a period of from April 1 to April 30.

Publisher Okubo Tadashi JH1FCZ

publishing office JARL QRP

CLUB A homepage: <http://www.jaqrp.org/>

211-0042 secretariat Takeno Takumi

7L3DNX ? Nakahara-ku, Kawasaki-shi lower Shinjo 3-7-3-504

E-mail: naf01266@nifty.com bulletin printing office Ishikawa

physically handicapped person welfare factory

(social welfare corporation Ishikawa Sonny mate)