

THE Official Journal of the JARL QRP CLUB  
 We have 272 membership now  
 (JARL registration number 11-4-15)



# QRP NEWS

It is a big impression with small power  
 QRP: Small Power, Big Dreams!

Vol.11                      March                      2009

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## Topics

- 1) It is a special feature of "Total Power Competition 2009". (P-2-8)
- 2) There is the administration cooperators recruitment of a national meeting of 2009. (P- 2)
- 3) There is a guide of a contest from JF6LIU/1 Mr. Togashi who is in charge of new contest corner. (P-9)
- 4) We have official announcement about a special commemorative stations of the international QRP day (P-12)
- 5) Do not forget to pay our membership fee for the year 2009 (P-13)

## A foreword

A chairperson  
**JH1FCZ**  
**OKUBO Tadashi**



Unpleasant one year passed after we were elected by an officer.

Here was come to, and a good news entered at foreign countries. The details had watch a written thing of Nakajima of two pages, but "JA QRP Club Challenge" Ultimate QRP-"Total Power"(G QRP) and "JARL QRP CLUB Announces the First "Ultimate QRP "Competition"(ARCI) and the article which said were carried about "the ultimate QRP competition" that our JARL QRP CLUB planned on a large scale by British "G QRP CLUB" and American "QRP ARCI" and a bulletin of the global's two biggest QRP clubs which said.

It is thought that this splendid achievement is meaning that we were about to let our doorway where everyday activity is accepted worldwide do it. Please try to think about the people that a state watched participation to competition taking advantage of this so far to participate by all means because a rig minds in nothing. It is thought that surely it may be reminded you of about only essence to say QRP separately from whether we do not do whether the participation wins a prize.

We become an officer, and we stand for one year, and there was able to be completely a thing without honor. It is a problem of a membership in a budget for this term. In the this term budget that there was in five pages of 5,6 bulletin moon merger; 182 pdf members (there was it with 183 183 member of 182 X ¥3,000 = ¥546,000), mail (X ¥4,000 = 732,000), but understood that this was an each mistake of 132 people and 133.) That there is apologizing with a report from accounts officer with the other article about this matter, but pass in one year without all the officers are different the other day so far, and noticing, and finally notice today; have blundered; is deep particularly, and reflect, and is sorry.

When we say with an occasion, there is not a poor excuse of, but the problem that there was of a question will be explained in hot email others. There was doubt about there being an expenditure item in an income in a budget. It was explanation from accounts that it was a custom from the past when it was elaborate, and it was accompanied. Accounts officer explains this matter with the other article.

There was a question about financial reserve in a budget, but it was explained in number in January, this year. On that occasion it is supplemented because there was a part lacking in some explanation. The process that made financial reserve extends in age in balance carried forward (1), and there is a predicted thing, and the expenditure that is periodical as for ¥ saves it in a decision outside the standard of. Forehead of balance carried forward is becoming annual convention costs and equal neighborhood (2), but this is done with a decision outside the standard of because a necessary amount of money is included in that by a plan. It was from a という reason. Therefore, this financial reserve is a thing before

producing need, and naturally we continue in the next age.

In addition, it is thought that we want the whole member to understand that it was picked up on a bulletin about that explanation for this financial reserve can be received like explanation for an individual with a thing of an explained thing.

There was a question about a membership to become an important item of a budget, but it is posted a membership on TOP of a bulletin than in September, last year. But it is understood that we are needless to a breakdown of a member of pdf and a member of mail, and it is being reached at the present, but, as for **appearing, it is it with 138 members of pdf, mail member 122, 12 foreign countries members as of February 23.** Still a member is not giving it off in an object of a budget abroad. Ratio "about half" of both who were mentioned in qrp-ML is a number from here.

Count of a distributed questionnaire is begun the other day from now on. Other than a postcard, a lot of one gave an opinion to even mail, an email. Because there is not the space which shows the whole sentence to here, will leave it out, but; of discussion at an officer's meeting; will refer to it. Thank you.

**QTC**

**The 2009 national meeting administration cooperater recruitment of JARL QRP club**



**JF2NMY Masato Takagi**

The national meeting is being prepared by the representative JF2NMY Masato Takagi and the secretariat JF2UJG Kazumi Ota, but cooperation of larger number of staff will be asked for our national meeting for the year 2009.

The one who wants to cooperate and living in Aichi or the JA2 area, please contact to ...

JF2NMY (kappy-t@m2.catvmics.ne.jp)

or

JF2UJG (jf2ujg@jarl.com)

**Total Power Competition 2009**

**TP competition charge  
JL1KRA  
JUNICHI NAKAJIMA**



**# Reaction from foreign countries club**

Approximately 2 dozens were able to sweep a resistance set for measurement that began distribution free. Will the measurement of people be favorable? "Ultimate QRP proposal" of Chairperson JH1FCZ Okubo was carried the other day by G-QRP bulletin SPRAT2008/2009 Winter, and there was a splendid achievement carried through 7L3DNX Takeno again by bulletin QRP Quarterly of QRP-ARCI. There are Chairperson Okubo, the personal connection that Takeno finished in both clubs, but it is joy that so on a large scale's two biggest QRP clubs take up in a bulletin. A sunspot deteriorates, and QRP-DX is dull, and own work of HF arrives at a high kit of completeness such as Elecraft, and it is felt to be paying attention to JA QRP which began a proposal and what of the Okubo chairperson whom world QRP world groping for next asks about essence of QRP or the thing that seems to be interesting. In addition, importance of sending it from Japan is repeated, and it is felt.

The real ability, the activity that we of a member have want to be shown by TP competition by all means here without remaining in a proposal of a chairperson.



**SPRAT**  
THE JOURNAL OF THE G QRP CLUB

DEVOTED TO LOW POWER COMMUNICATION

ISSUE Nr. 137 © G-QRP-CLUB Winter 2008/09



The "Bell Ringer"



The "Flea"

Two of our four minimalist transceivers featured in this issue

- The FETer Transceiver ~ The FLEA Transceiver
- Minimal Art RX/TX ~ Voltage, Current or Hybrid Balun?
- Z Match Mod ~ Transistor Tester
- The BELL RINGER Transceiver ~ dBm Chart
- JA QRP Club Challenge
- Antenna ~ Anecdotes ~ Awards ~ Communications & Contests
- QRP Calendar ~ VHF News ~ Member's News

**There is a letter of "JA QRP" on the cover page of SPRAT Winter.**

**Ultimate QRP - "Total Power"**  
 Tadashi Okubo JH1 FCZ (Chairman JA QRP Club)  
 56-12, Miyakojimachi, Sakura City, Chiba pref. 285-0016, JAPAN

QRP's objective is generally considered to be "how far can your signal go with minimal power?" To use today's parlance, it is "energy efficient communication". In this sense, "Minimal Power" points to the "transmitting power". Take a 10W transmitter and reduce the output to 1W using an attenuator. That is technically a "QRP" but it feels less than satisfactory.

The obvious next step is to limit the amplifier power, i.e. use a transmitter that is only capable of 1W of output power. Where do you get such a transmitter? Well, you make your own, of course. This is the "usual QRP".

But can you go one step further? As an expert QRP'er, you may feel real QRP requires the total energy consumption of the transmitter to be "minimal". To achieve this goal, you may have to create a circuit of your own. Some aerial / antenna R&D may also be required. Now that's "superior QRP" - or is it?

**"Ultimate QRP" suggestion of Chairperson Okubo that appeared in SPRAT**

**Because detailed rules are not appearing, it is going to be shown on our website in future.**

JARL QRP Club Announces the First "Ultimate QRP" Competition

A Message from Takumi (Tak), 7L3DNX:  
 Dear Dick Pascoe, G0BPS,  
 It was great to see you at FDIM in Dayton past May 2008. I have accepted the position of Secretary General of JARL QRP Club in April this year. The term of this appointment is for 3 years. One of the objectives we have adopted for the club is to "globalize" ourselves. We are putting our plans into action as we speak. The main concept we would like to push globally is the concept of "Total Power" used in achieving a communication. As I explain later in more detail, the "Total Power" is the sum of all power used to achieve a communication—in transmitting, in receiving and including all the power used by the peripheral equipments employed. We would like to nominate the use of "this

- Meet the members of our Club. With only a very small number of exceptions, we are unable to converse in English. However, meeting you will give us all a great pleasure!
- Attend dinner on the first evening of Ham Fair
- Be one of the presenters of the competition awards at the conclusion.

I don't believe the concept of "Total Power" nor measuring achievements using "distance achieved (km) per used total power (W)" is so common amongst QRP'ers. We would welcome your views on this matter, perhaps to be published in our newsletter.  
 That's enough from me for now. I look forward to hearing from you soon. Also, please visit our club website.  
 JARL QRP CLUB Website URL: <http://www.jaqrp.org/>

Regards and Thanks,  
 Takumi (Tak) / 7L3DNX

Comments from Tadashi Okubo, JH1FCZ:

**One part of ultimate QRP competition guidance carried by QRP Quarterly. It is carried as a report from Takeno with an eye ball image of Dayton.**

**# Reports from members declared a TP entry**

Chairperson JH1FCZ Okubo; CirQ31, Seven pages are gone over to as "which makes a QRP transmitter for exclusive use of" TP three with <http://www.fcz-lab.com/cirq.html>, and it is reported trial and error of a circuit. The person who is not being yet looked at is unmissable contents.

Information of a commercial plane entry is arriving from JA3PZM Osumi. It is a bold strategy a TP handicap is pursued, and to call an older model acquisition without remaining if an older model is dug up from a closet in a maker airplane entry. When specifications of an old model are examined on Internet, it is almost understood that received power is FB. A QRV policy of Osumi may be a correct answer in the activity situation of present 2mFM. 1,000 yen were paid to Yokohama landmark tower observatory the other day, and what said と climbed staff JL1KRA. QSO was considered to be very far so that there was it, and 144MHz on a holiday were down in cuckoo, this for some reason though CQ was started in DJ-C7 and rod antenna. It was already recorded a booby prize class with and when the cause of 1,000 yen should have been taken somehow, and only a report was given me because we asked whether it was "whom, and it was implored with" and a main channel, there was finally a reply from Aoba-ku, Yokohama-shi distance about 13km, 8.9km/TPW.

A circuit of two stone TX was contributed from JF1RNR Imai with reputation by CQ magazine serialization in my own plane. My own TX of this simple class is Tokyo science radio till now

Using it had a choice with 2ch transmitter kit MC 223

of itec sold in <http://tokyokagakumusen.jp>, but a price was slightly high with 5,040 yen for an exclusive board. Even if five FCZ10S coils are treated it to for repeatability if it is a method of Imai, it is possible for around 1,500 yen, and we are so kind to a wallet in nowadays, and we are turning for an experiment. Because kit distribution is done, it please be read till the last. It is slight mischief, but what a dummy is joined together in my own TX, and transfer a wireless microphone substitute, a favorite hit and breast かし の animation song to handy airplane is quite happy.

A TP competition participation in a war expression from each bureau, the などのご report that tried to be managed that tried to be made are being waited for sequentially. The 2m use antennas that can be easily created by itself do even mx6s@yahoo.co.jp or mail asked for in OK it.

**Older model C501 is obtained, and TP is challenged**

**#344 JA3PZM Yasushi Osumi**

With a thing without technology to create by itself, C501 was obtained at auction. Because is downed, and aim at QSO by a field day, and can go ahead All JA, 6m & through a change procedure, preparations for antenna; thanking you in advance. It tried to be measured at once, but we almost appeared according to the catalogue, and the measurement result (attachment) was done. It seems to be better than DJ-C7 slightly, but is it movement and a game with an antenna afterward because handy will not be not possibly able to stand my own plane? Hi.

**An STANDARD C501 TPW measurement result**

Eyes	A C501 catalogue	C501 actual survey
V cc (V)	3.0	3.1
I tx (mA)	280	283
I rx (mA)	34	* 50 (35)
TPW (W)	0.94	1.03
TPW handicap	1.03	0.97

VR waits for Min, (35) at \* signal reception time, and it is time. It is one Akizuki P-16 resistance Ω DVM

**Two 144MHz stone FM transmitters (output 15mW)**

**066 # JF1RNR Imai Sakae**

It was not a band, the mode which competed for TP, and, as for this TP competition, there was not the intention of participation concerning 2m FM. However, there were a thing and enthusiasm of Okubo why Nakajima could leave a mediator, and some hearts have begun to move.

People participated in a QRP meeting of Akihabara have much information, and it is thought that, in addition, there is technology, and it is made TP airplane without a difficulty, but it is thought that there is much which does not have an idea how it should have been made even if we want to participate.

Because there was a schedule with two stone FM transmitters of 29MHz by CQ serialization, this tried to be produced experimentally in 2m version. If a sound of a radio tries to be hit in handy, this is interesting! That's why it is thought whether there should be the one that tries to be going to be moored alone, and we are still in the way, but production example is reported.

Brief description and circuit diagram were attached.

Figure 1 is circuit diagram. Four times assume crystal of 18.15MHz it with VXO, and 72MHz obi is being taken out. 72MHz are gone along with in double alignment and 7pF of FCZ10S50. Two times are done by the finals more, and 144 M obis are being taken out by double alignment of 10S144. スプリアスは thought about to the trace, and a Model T filter was hired. When eight times of crystal of 18.15MHz became 145.200MHz, and it was used in VXO, it was used because it was convenient for FM interband. In addition, the output seems to be bigger than 16 M \*3\*3s. Abnormality is hanging the output of a condenser microphone to a direct variable capacitance diode. Varicap is using ,1SV101. FCZ10S3R5 seems to be good for a VXO coil. About 6-9 μ H looks good. The voltage is being stabilized with a regulator of 5V not to raise ,QRH because 5V are being taken for the voltage of varicap with a power supply of a condenser microphone. In this way we are deep enough, and abnormality does not suffer unless we let do VXO more than 200kHz when direct, abnormality is taken. I can adapt myself to 144.92MHz in core of a VXO coil. Transistor 2 is using SC 3358. It thought whether high one could take the output, and you were chosen from holdings. It is thought that even two SC 1906 and two SC 3355-3357 may be good. 14.8mA spread in 006p of 9V, and the output is 15mW. The reception is going to use a handy plane.

Still this circuit is the same as a VXO circuit of 144MHz DSB transceiver in a my book "introduction to handmade transceiver". Crystal of 18.15MHz is available by a mail order of Sato Electric. If 48 M obis are taken out as 15pF with an alignment condenser of output coil 10S50 of ,VXO when crystal of 16MHz is used, it is possible to be the same afterward. It was considered to be incomprehensible in a state of a board, but a photograph (figure 2) of 144MHz FM transmitter was attached. It is put a regulator of 5V, but there is approximately 2mA unnecessary electric current food only with a regulator. すが, regulator を is taken in 9V を使 って now, and it is these three four さって voltage を 落 て battery かで 4.5V, 6V とすると 3-7m W degree になり ますが, が TP には advantage かも しれ ません.

(table 1 )PARTS LIST)

Tr	Two SC 3,358*2 (equivalent)
Di	1SV101
C	0.1 *2, 0.01 *3, μ μ 100p *2, *1, *4, 33pF 7pF 1pF *2s
TC	20pF
R	47 *1, ten *1, 4.7 *2, 3.3 *1, 470 kilohm kilohm kilohm Ω *1,
L	100 μ H, FCZ3R5 *1, *2, FCZ10S50 FCZ144 *2,
An IC	78L05
X	18.15MHz (SATO)
SW	DPDT (two two circuit points of contact) *1
MIC	Electro chemical machining *1
	There are little 006P, Snap, board, tin plating Line 1.0, and it is wiring materials

**A RNR-2 stone TX kit!**

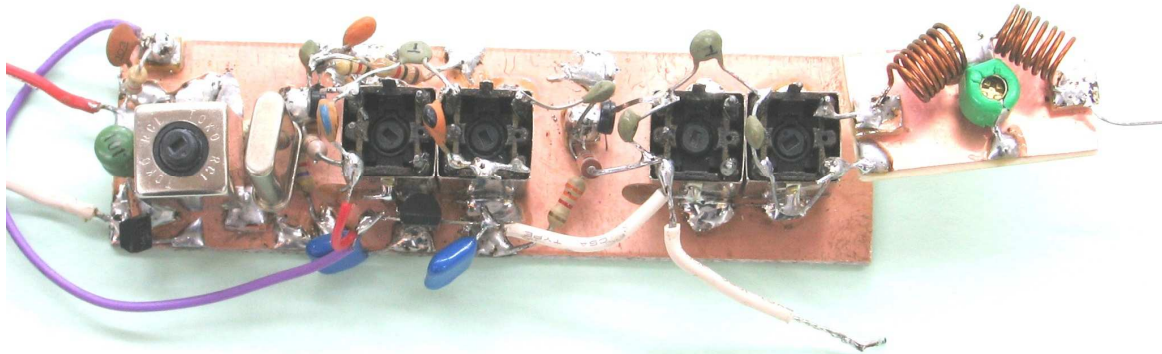
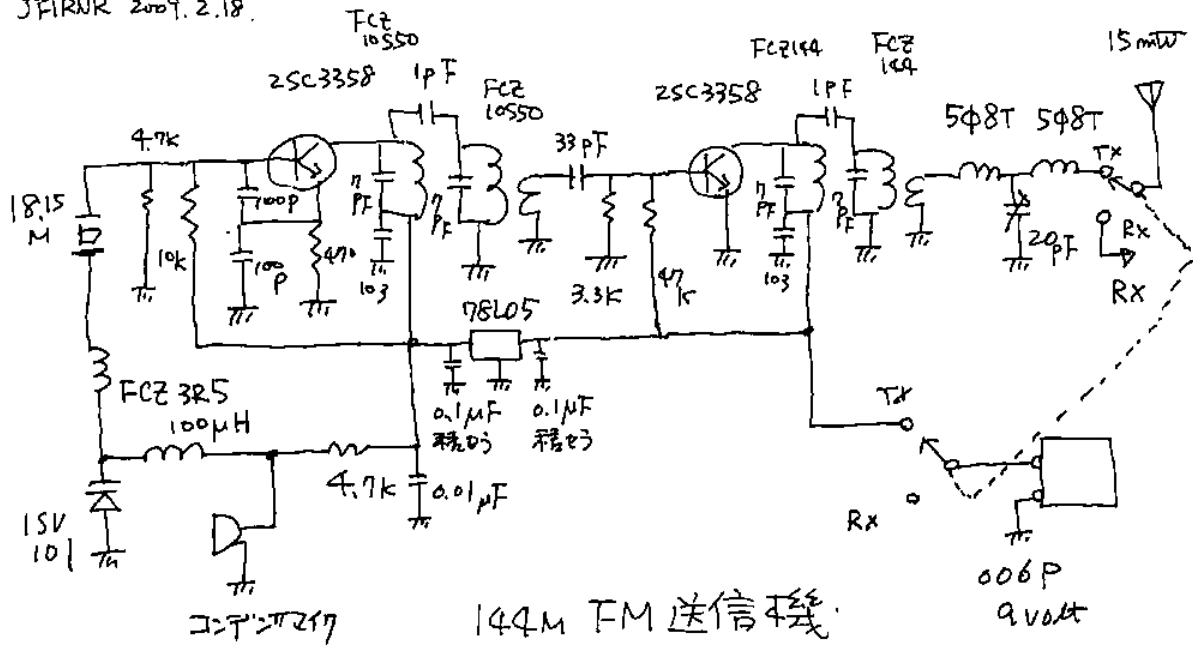
An urgent kit does a part in a board of two stone TX of RNR Imai with the TP competition staff. A distribution object is one it is really produced, and to try to participate in TP competition.

As for transistor 2, SC 1,906, 18.15MHz crystal glass of Sato Electric, 16MHz level crystal glass (frequency leaves hope なくばお) additional enclosure of a chairperson offer, a both sides student board of small size are set. Electro chemical machining and a DPDT switch please use holdings. Only price 1,800 yen (postage 200 yen), the number of the prior orders are limited production.

Of hoping please inform me of an address to mx6s@yahoo.co.jp (telephone 080-5511-0550) as two "TP business stone TX kit hope" by an email in the beginning of April on a dispatch due date on Saturday, March 14 on the application deadline. Because you are contacted at the time of kit shipment, the price is asked for in 銀行郵貯, a stamp gold note. Enclosure of a resistance set for measurement is done in OK it at the time of shipment.



JFIRNR 2009.2.18.



It is explained implementation (figure 2). Red of the left leads to a condenser microphone. White of the lower left is GND. A power supply is white of board bottom.

**JR4EDG existence field Hiroshi 丞**

Hello all of you are JR4EDG Arita. Because a cool part was found, it is introduced. It is "a round meter" of a photograph; ". We are slightly nostalgic, and it is, でしょ which て "is good for small. A lamp enters, too. A part black (there is a substitute) is very chic in putting the wet blanket. I intended to use you as a transmitter of a vacuum tube, and it was bought. Of course an upper pig part can be taken off, too. But please be careful because a needle is easy to be bent. A person of a shop said, too, but I have done it, too. <g> ネダン is handy with 1,500 yen. But please buy it with the intention because this is a basically simple indicator.

There are □ 35mm \*35mm V, A three kinds  
MODEL "SD -39"

Acquisition

556-0005 〒 4-6-7, Nihonbashi, Naniwa-ku, Osaka-shi

**A good thing is**



## Let's play with QRP (pleasant QRP)

Editor JA1BVA

SAITO Masaaki



It is introduced this month because a member only for the area one gave a QRP report to me both. Naha-shi, Okinawa is a report of Chichijima movement use of one day from an introduction of a porch antenna, JD1BKW Kitagawa of Ogasawara-mura from JS6PLY Matsuda of a permanent setting place.

### My porch antenna

JS6PLY Matsuda Hirohito



A contribution request was had concerning an only member in Okinawa, but, by sad fate of a transfer group, two areas are being taken up a job in leaving his family behind now. One area was being taken up a job in leaving his family behind until June, last year. Therefore it is the situation applying it scantily in an interval of family service when it returned from Okinawa on a holiday of the beginning of the year at a tray and the end of the year with three times, the Golden Week in a year. (because work is busy alone in a point, it is almost an activity dormant state.)



The porch antenna which shines in a blue sky of Okinawa

I am living in the fourth floor of an apartment in Okinawa, and, same as various places of much "apartment mansion", it is the subject of concern that is greatest for the cause of worry why an antenna is the first again. It is two ンドダイポールアンテナ of 18 / 21MHz that it is full, and used about 6m wide of a

porch that it is opened, and various articles are referred to, and produced when there is not an interval. SWR did not fall down to be constructing it it was almost a building and and this was parallel, but a stub of a coaxial cable was installed, and SWR was able to be driven into balun to around 1.1 by a cut and try. Distance of an element of 18MHz and 21MHz is being fixed in a toothpick with about 4cm. In addition, a part of balun covers it with a plastic bag, and squall measures are being easily done. We have passed more than ten years while thinking that waterproofing measures were not done well sometime.

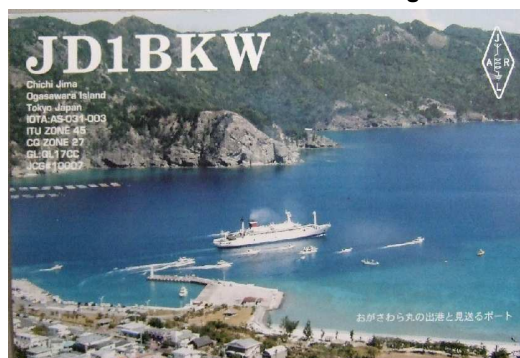
This antenna constructs it at the time of use, and withdrawal is being repeated if over, but it can be still used with atonality Hitoshi.

We had this antenna and opening of an office are "QRP-PLUS" which is being used from the first, and do QSO in national various places and CW, but condition is bad, and the disappointing situation is continuing now for a bottom for a cycle.

In addition, one, areaに住んでいるときに is produced, and た 7MHz の MV antenna があります が, this place は あまり flies, and が well few ため makes trial and error, and it is ていませす. It is being intended to try to test it by movement use if we return on a holiday this time. If a weak electric wave is heard, a voice かげよろしくお wish is done.

### This is JD1...it's your turn

JD1BKW Kitagawa Hisaaki



"The departure from a port of Ogasawara-maru and a boat to shelve"

It is シャツ in heavy shielding curtain! と is opened. Solar light and heat jumped into a room. We appear in a porch, and the sky is looked up at. We are dazzling, and eyes narrow. But the blue sky is opening over there. "よっしゃ!" It is !# whether it goes 1st of movement use begins for と, such a feeling. Battery for IC -703s is removed from battery charger, and at first the voltage is checked! Security is provided only in this. (because though we were connected in battery charger, there was able to be the thing that an outlet was not being plugged in)

And usual debugging is packed with rigs.

703. IC - microphones / a coax / several kinds balun wire dipole elements / a rope, a notebook & pen / a clock / a camera towel enter basically. The others standing wave ratio meter / a PC / GPS / binoculars can be taken.

A shop near to a house is stopped at, and bread and ポカリスエット are supplemented, and it is さあ departure. Generally は, where に moving か は is decided by the previous night, and but, goes out,

and てはいる の gives plural a certain event が の  
 で, bid city を only in た last が squall (a local heavy  
 rain) だ っ たり, 前 を running car が mountain の  
 parking lot に 入 っ ち や たり と, island that Noboru  
 brazing filler metal と does from now on, and it is て  
 お きます. Even if movement is applying it at the  
 minor place "where will not be come to possibly to  
 here" when the summertime in particular liner from  
 Tokyo is entering port, mind cannot be outrun because  
 a tourist takes a walk.



**It is being managed at a central mountain (319m)**

By the way, the operative ground of today was  
 arrived at, and an expansion and contraction pole is  
 taken out from a car, and debugging is assumed.  
 Sneakers are changed into by a place, but we always  
 go with studio with popular name "rest room sandals"  
 sold for around 480 yen in Home Center briskly.  
 Because five years have been already spent, a foot is  
 being fitted most. If degree, a mountain path are  
 walked for 10-20 minutes if all operative material goes  
 down from a car, we arrive. When we were urgently  
 asked to come by work, a place to take of much time  
 cannot cope, and it is ... because it must have a hot  
 time during use when we came to have a stomach  
 ache.



**A wild goat (forward, 2) replied to CQ**

OK, it is arrival! According to the aim, there is  
 nobody. It is a charter state. At first it is グビツ in  
 ポカリ! An expansion and contraction pole is  
 installed after drawing breath. Balun is moored  
 through a rope to a pulley, and it is cup  
 びで fixation! A coaxial cable is connected to balun.  
 A wire dipole of 21MHz use is connected to balun.  
 Do it; raise a rope smoothly. A coax is connected to  
 battery to a rig, and a power supply is on! Frequency

is added and 21MHz. Is known; is known! An  
 element is developed after confirming that several  
 stations are being left. ! We were known more.  
 A notebook is opened, and, with a pen, a microphone  
 is connected

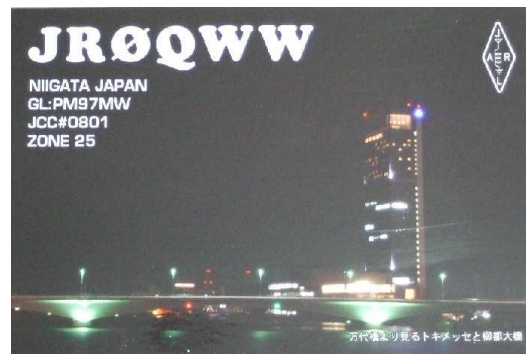
"CQ CQ CQ this one is ... 」 "

Oops! The future is your turn from here!

**A QSL introduction of a member**

**JA1BVA Masaaki Saito**

The last is given glory to in 2008, and QSL of  
 JR0QWW Iguchi and JA5DIM forest is introduced.



**"Japanese crested ibis Messe and willow capital  
 Ohashi to look at than all ages bridge"  
 Will it be a night view of an Iguchi favorite?**



**It is Shaq of the forest pride where the former  
 excellent planes form a line**

**QTC**

We had heap up を which "was idle in  
 QRP" by a contribution of many members  
 for one year, and thank you. "QRP で  
 playing の charge を is finished this  
 published by bulletin system が 執 ら れ る  
 thing から, number を 持 っ て that から  
 is new in April, and it is ます". 72

## Contest Information

**JF6LIU/1**  
**TOGASHI SAKAE**



A result of the 29th all the cities all counties contest that it was taken for from 11 to 12 on October in 2008, and was held was announced. In a QRP section, the ratio that a member of QRP for an entry occupied tried to be calculated this time.

Telegraphic communication 16.6%  
Telegraphic communication telephone 7.0%  
(11.2% in total)

Same as a 6m AND Down contest to fall of last year, a Field Day contest, a participant of a telegraphic communication section understands overwhelmingly many things. Telegraphic communication was holding about 30% in a multi-section. Multi-, multi-, in the telegraphic communication section, a telegraphic communication telephone section seems to attract 50MHz obi again an HF low band, 50MHz Zone.

### 2008 all the cities all counties contest result

Notation of \* single operation is omitted.

\* order is QRP

A ● telegraphic communication section

A ○ oar band (section CA))

Order		
Nine JA5DIM		17,262
Eight JA2MAX/1	11,970	
Ten one JR CHUmean /1s		268
11 JA1XWK/1	156	
○ 3.5MHz band (C35)		
Order		
Four seven one k CPT /1s		2,907
○ 7MHz band (C7)		
Order		
Three JK1TCV	11,124	
○ 50MHz band (C50)		
Order		
Four Kanto JP1GTS	306	
Two Tokai JG2GSY	180	
Three Kansai JH3DMQ	16	
A ● telegraphic communication telephone section		
○ oar band (XMA)		
Order		
One JF6LIU/1	275,400	
Five JA1TAZ/1	100,719	
○ 50MHz band (X50)		
Order		
Three Tokai JF2UJG/2	868	
In north seas, it is one eight JR DAG		140

A call sign is extracted from QRP CLUB direct access terminal application BOOK in \* 2009

### A March degree QRP section contest calendar

#### The country

#### The 49th Tokai QSO contest

It is from 9:00 to 15:00 (祝) on March 20 a holding period

A use frequency band; more than 3.5MHz Zone:

It is telegraphic communication telephone single operation oar band QRP a section

#### Foreign countries

#### ARRL International DX Contest

A holding period; on Saturday, March 7; at 9:00 or more; on 8th; on Monday; at 9:00; (JST):

It is 3.8-28MHz a use frequency band

It is telegraphic communication QRP a section

#### Russian DX Contest

A holding period; on Saturday, March 21; at 21:00 or more; on 22nd; on Sunday; 2,100 (JST):

It is 1.8-28MHz a use frequency band

It is telegraphic communication telephone QRP a section

#### CQ World Wide WPX Contest SSB

A holding period; on Saturday, March 28; at 9:00 or more; on 30th; on Monday; 900 (JST):

It is 3.5-28MHz a use frequency band

It is single band, oar band QRP a section

## A contest

**JF6LIU/1**  
**TOGASHI Sakae (#753)**



### News

Because the date for QRP/QRPP contest of this year was decided as follows, you are informed. It is printed in the next issue about

#### A ○ 2009 QRP contest

The date; on Saturday, June 13; at 9:00 or more; on Sunday, June 21; at 21:00; (JST):

Nine days including □ international QRP D (6/17)

#### The third ○ QRPP contest

The date; on Saturday, July 18; at 09:00 or more; on July 20; (moon / 祝); at 21:00; (JST):



Contest Information becomes a break with current issue. Thank you for a short period for about 1 year. Contest (the staff) charge duties are succeeded from 2009, and it will be devoted. The pleasant contest that much one can participate in on the basis of impressions hating it as a result of contest wants to be aimed at. Sequentially; thanking you in advance. In addition, a short sentence is good if there is an article about a contest. Please inform me by all means. Thanking you in advance.



From the world of QRP DX  
Overseas QRPer

JA1KGW  
AOYAMA KENTARO



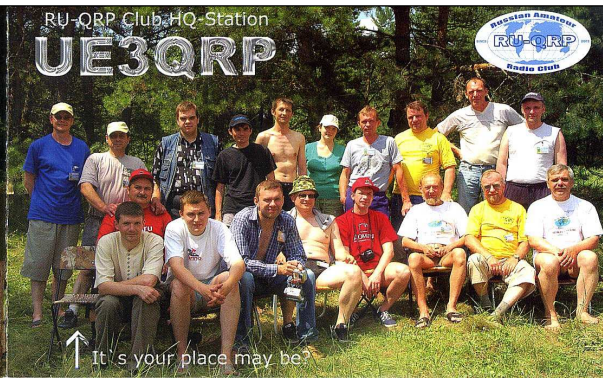
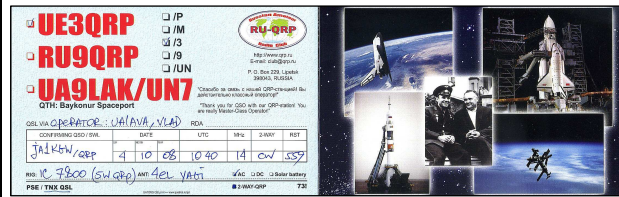
Russia QRP club (RU-QRP Club) bureau,  
QSL card from UE3QRP/3/QRP

It was possible for two WAY QRP QSO with UE3QRP/3/QRP/QRP of RU-QRP Club HQ-Station (the headquarters use station of Russia QRP club), Vlad by 40 JST, CW of 14.060MHz 19 (2008) on October 4 in 2008. Originally Vlad is a bureau applying call sign of own, UA1AVA/QRP and UA9LAK/UN7/QRP. By the way, with UA1AVA/QRP, there is 11 times of two past WAY QRP QSO with the past 14 times of two WAY QRP QSO, UA9LAK/UN7/QRP each. Vlad is very high QRPer of an activity.



Is it "It's your place may be with an arrow in 処 of a space chair of the lower left of a set photograph of the right aspect of QSL card? (you do not divide a seat into here) Invitation to a ... club;)? と witty words are written.

From Vald, the 45th anniversary memory card of Yuri A. Gagarin (moth moth Lean) which did a space trip first has been sent at the same time in 1961 by Vostok-1 (Vostok 1). The commemorative QSL card which did the space technology that Soviet Russia is proud of most advanced technology to in a theme is a splendid thing, but it is the theme that the rocket technology that launched Japanese broadcast, communication, a weather satellite in space can boast of to the world again, but "thinks that it is possible for the memory card which took in the photograph which photographed the blue earth going up the horizon of the surface of the moon with a high accuracy camera as soon as even this club smells".



**A DX brief correspondence**

**JA1KGW Kentaro Aoyama**

**A brief correspondence (from January 16 to February 15) of February**

**JA1KGW Kentaro Aoyama**

On earth how will the sky have become it? It is the state that seems to want to lean a と neck to one side. It is taken in this month from last month, and SSN =13 was become on January 19, and the surface of the sun is the beautiful woman face that there is not "stain" one afterwards.

A report of a low band was had from JA1AA Shono OM last month. QRV tried to do 7MHz particularly with care this month. An antenna is "triangle loop" which JA1BVA Saito OM gave wisdom to before. A top is about 10m height, and, as for the full length, it is put 230 SG auto tuners of SGC company in 42m, the center of the base. This full length is length of 42m, and standing wave ratio 1.5 can be covered to 1.8-28MHz as follows. Because it was difficult at all, the bureau which was mainly starting CQ was aimed at, and what had a bureau doing QSO pick up the signal which had weak QRP from interference did QSO.

As for 14MHz and 18MHz of a high band, ワッチ did W of an early morning and EU of the evening.

**JA1AA Hisao Shono**

ワッチ of a band of lower than ten mega was continued until about 20:00 while it was for there to be a test of CQ-WW-160, and wanting to watch result of a new antenna if age was changed. However, a test publicized by agreement revision from 24th was participated in while worrying without any regret. However, it was complete defeat at 5W to weak KL7 and HA 9/0 only at HL station that it was able to be received in a repeated calling of intense JA station by midnight. It is the first thing. South America was open greatly earliest in the morning, and the bureau where result was given to very much heard it when much.

DATE	JST	CALL	HIS	MY	FREQ.	RMKS	RPT
2017/1/9	1540	RA0JF/QRP	599	599	14.06	5W,GP	JA1KGW
2017/1/9	1600	EW7BW/QRP	339	559	14.059	5W,DELTA LOOP	JA1KGW
2017/1/9	1625	RZ4NWA	559	579	14.0595	10W,2CQ	JA1KGW
2017/1/9	1640	DL8FCY	539	549	14.059	OP;Manfred	JA1KGW
2017/1/9	2019	DS1REE	599	599	3.506		JA1AA
2020/1/9	1616	AH2L	599	559	18.08	OP:Ed	JA1KGW
2020/1/9	1631	UA4NU/QRP	339	589	14.06	1W,IV	JA1KGW
2021/1/9	1450	UA9KW	589	559	14.025	OP;Yuri	JA1KGW
2022/1/9	1458	RN3QP	579	559	14.023	OP;Nick	JA1KGW
2022/1/9	2207	UA3KA	599	559	7.012	OP;Andy	JA1KGW
2022/1/9	2225	UA3KA	599	449	7.0024	OP:Igor	JA1KGW
2022/1/9	2307	JT1DA	599	519	7.0131	OP:ENKHABAYAR	JA1KGW
2023/1/9	720	LZ2VU	599	529	7.001	OP;Peter	JA1KGW
2024/1/9	545	LY2FM	599	569	7.00225	OP;Richard	JA1KGW
2024/1/9	610	LY2W	599	569	7.002	OP;Arthuras	JA1KGW
2024/1/9	2100	DK3AOL	579	549	7.003	OP;Dimitry	JA1KGW
2024/1/9	2138	K2VV	599	549	7.0122	MO,OP;Jhon	JA1KGW
2024/1/9	2155	EW7LO	599	499	7.0035	400W,3Y,OP;Vlad	JA1KGW
2025/1/9	700	LZ1MS	599	589	7.003	1KW,3Y,OP;Rumen	JA1KGW
2025/1/9	710	YU1DW	599	579	7.001	OP;Miroslav	JA1KGW
2026/1/9	2035	RN6ON	599	579	7.003	OP;Alan	JA1KGW
2027/1/9	1635	I1YRL	589	579	14.01	IC761,TH7DXX	JA1KGW
2027/1/9	1650	ES8DH	599	599	14.016	OP;Roy	JA1KGW
2027/1/9	2040	DS3MOY/QRP	559	559	7.003	5W,OP;Kim	JA1KGW
2028/1/9	715	KK7BL	579	339	14.058	WA,OP;Jerry	JA1KGW
2028/1/9	721	N0EK	599	549	14.0603	AK,OP;Ed	JA1KGW
2029/1/9	1550	HL4CEL	599	599	18.079	OP;Somg	JA1KGW
2029/1/9	1620	UU7JF/QRP	539	559	14.0602	5W,Op;Vit	JA1KGW
2029/1/9	1635	RV2OM	559	559	14.06	Kallingrad	JA1KGW
2029/1/9	1638	S58AW	599	559	14.0601	OP;Branko	JA1KGW
2029/1/9	2011	UN7GX	599	599	7.008		JA1AA
2029/1/9	2105	DT0ID	599	599	7.013	QSL 6K2GDT	JA1KGW
1930/1/9	1645	DL0NW	599	529	14.004	700W,2CQ	JA1KGW
1930/1/9	2200	UA3AK	599	569	7.0074	OP:Igor	JA1KGW
1931/1/9	2018	HL1/SP5AUC	599	559	7.007	OP;Tom	JA1KGW
2001/2/9	1702	RZ0SO/QRP	529	579	14.06	5W,GP,OP;Oleg	JA1KGW
2001/2/9	710	IK4ALM	559	559	7.007	OP;Alex	JA1KGW
2001/2/9	730	YO8TOH	599	599	7.003	OP;Alex	JA1KGW
2001/2/9	1556	DS3MOY/QRP	479	579	7.003	500mW	JA1AA
2003/2/9	708	JT1AA	599	559	7.005	OP;Ganyvlga	JA1KGW
2004/2/9	656	JT1DA	599	559	7.002	OP;Enkhabayar	JA1KGW
2004/2/9	2130	W9NGA	599	559	7.007	AZ,OP;Don	JA1KGW
2005/2/9	639	YO9HP	599	559	7.01	OP;Alex	JA1KGW
2006/2/9	705	W7BU	599	559	14.008	100W,OP;Gene	JA1KGW
2006/2/9	1618	RA3AL/QRP	439	559	14.06	1W,3Y,OP;Gen	JA1KGW
2006/2/9	1930	YO9HP	599	449	18.082	OP; Alex	JA1KGW
2007/2/9	1532	EU7SA	599	579	18.073	OP; Andy	JA1KGW
2007/2/9	1547	RW6BX	539	339	18.086	OP; Alex	JA1KGW
2007/2/9	1648	UT1IM	559	559	18.086	OP; Vlad	JA1KGW
2007/2/9	1558	LZ1GU	559	569	18.086	300W,OP;Harry	JA1KGW
2007/2/9	1630	F5IN	599	559	14.028	OP; Michel	JA1KGW
2007/2/9	1956	ZK4YI/1	599	599	3.51		JA1AA
2007/2/9	1911	9M6XRO	579	599	7.006		JA1AA
2008/2/9	700	K7TQ	579	559	14.0612	ID, OP; Randy	JA1KGW
2008/2/9	715	N0EK	599	559	14.06	AK, OP Ed	JA1KGW
2008/2/9	725	KI0J/QRP	559	559	14.061	CO, OP Albert	JA1KGW
2008/2/9	2005	RV9CX	599	559	7.005	OP; Dima	JA1KGW
2008/2/9	2125	HL2KIG/QRP	589	549	7.01	4W,GP,OP;Choe	JA1KGW
2008/2/9	2150	RW9JZ	599	569	7.0065	OPIeo	JA1KGW
2008/2/9	2258	EW7LO	599	559	7.003	OP; Vlad	JA1KGW
2009/2/9	655	W6DVO	579	539	14.06	100W,R7000	JA1KGW
2009/2/9	705	K7RR	579	339	14.0595	WA, OP; Pete	JA1KGW
2010/2/9	721	NY7N	579	579	14.0595	100W,DP,OP;Georg	JA1KGW
2010/2/9	1635	UT5UX	579	579	14.013	OP; Vic	JA1KGW
2011/2/9	705	N6MOB/QRP	339	449	14.059	2W	JA1KGW
2011/2/9	1146	RW0LFN	579	549	7	wkd 1W(MFJ Cub)	JA1KGW
2011/2/9	1703	UR5ICG	599	569	18.086	OP; Vlad	JA1KGW
2011/2/9	2129	RW9IZ	549	569	7.006		JA1AA

**KORONA TSUSHIN**  
(a description of social gathering)

JR1QJO

YABE Ichiro



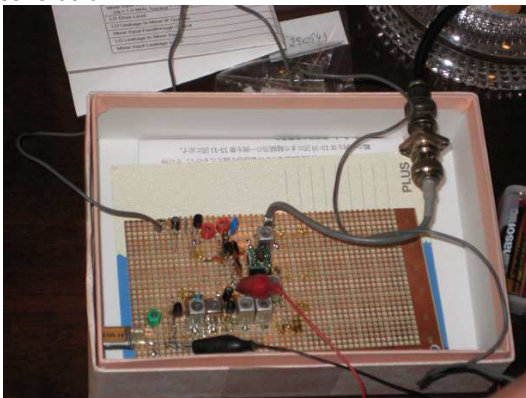
**The 123rd QRP social gathering**

It was completely held a meeting this year in a meeting room of 古炉奈 in the New Year and the 123rd QRP social gathering on springlike February 7 by a mild winter.

The top is two pitches of CW transmitters working at only 12V of JA9TTT/ Kato! It is for the revealing of a secret of a device to have used an old ball for car radios of 1950's. According to Kato, as for these balls, the transistor which was invented because a speaker cannot be sounded seems to have been used. The place that a ball can use because a then transistor was expensive as for the reason to use a vacuum tube for is as possible a ball; seem to have been precocious. Because plate current is hard to flow, transmitter in itself becomes nature and QRP.



2m total power transmitter of JG1EAD/ Senba himself was brought in. Senba is using a low power mixer IC obtained in a net. Frequency modulation is performed at 10.7MHz, Reception crystal of old FM airplane is used, and it is being lifted to 145MHz. We are in a clean box, but an idea is bold.

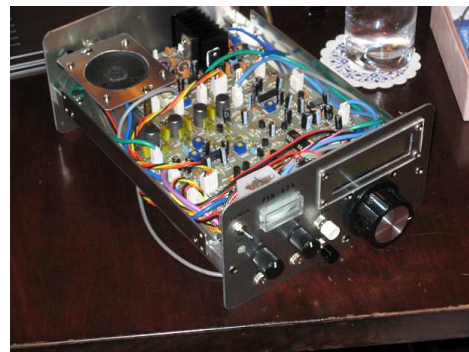


Me, JR1QJO let bring in an experiment transmitter for the 2m total power that used MC 2831 of an IC for cordless phones of Motorola, but a photograph was taken, and there became a blunder. An experiment

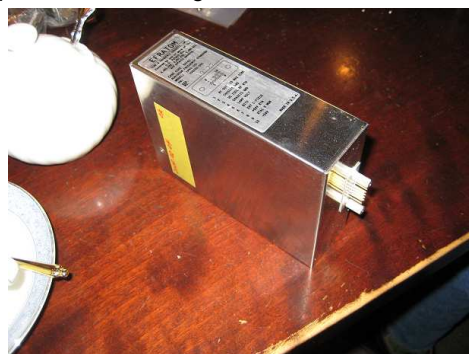
with a vacuum tube replaced Shigeru んのようで, any kind of ball recently, and JH1ARY/ Kuroda brought in a possible regenerative radio. A socket part is becoming plug-in type, and a pin connection can be changed at will, too. When there was regenerative reception with a transmission of a message ball, Kuroda replaced 2E24, and it was tested, and it was shown.



A highlight of this meeting is 634 PSN kits which fitted into an established case wonderfully of 7K1CPT/ Yamada. Perhaps it will be a thing and the wonderful workmanship that Yamada completed this kit first that stare wide-eyed. According to Yamada, adjustment is still with need, but the finish is distinguished.



Kato dropped it in net auction last, and a rubidium frequency standard was shown. This frequency standard seems to have been used for a mobile base station in China, but it seems to have been discharged with machinery renovation. We were very expensive, and it was said to be for laboratories the atomic frequency standard, but we were comparatively cheap and became available thanks to mobile telephone technology once by today. The laboratory use where size is old with hard disk drive rank becomes small in comparison with a thing.



The continuance of a meeting was performed with a usual "long-nosed goblin". It was a time of the supreme bliss that beer one hand rag Zhu made radio preaching such as own work. 72

**News from officer's meeting**

**Secretariat 7L3DNX  
TAKENO Takumi**



**About a bureau especially internationally commemorative ■ a QRP day**

This time, in JARL QRP CLUB, international QRP D (June 17) was memorialized, and it was it with progressing to apply the following bureaus as a special commemorative bureau. It will be press-agented as a news flash here.

And total responsibility is gathered (1), and it is the system

- Original Chairperson at license person JARL  
| (each an establishment applicant,.; prefecture manager of a branch office)
- | Chairperson at |- trust / administration person in charge JARL QRP club  
| JH1FCZ Okubo Tadashi
- | It is JARL QRP CLUB secretary general a whole |--- administration person in charge  
| 7L3DNX Takeno Takumi
- | The |--- use station and an  
operative person in charge  
A call sign use person in charge  
One area 8J1P JF6LIU/1  
Four area 8J4P JA4CFO  
Six area 8J6P JA6SZC

It is a schedule of use (2)

Until from Sunday, April 26, 2009 to Tuesday, June 30

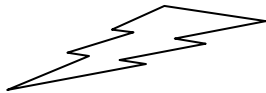
It is a footnote (3)

Because decision making of opening of an office was late about 8J1P, a plan was similar at first, and we were not entering, but it was it with progressing to establish this time because application of the memory station was able to get it ready especially.

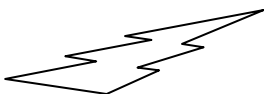
Still because chase you, and, about the details, announce it in a bulletin, Web, ML; thanking you in advance.

**Chairperson JARL QRP CLUB Okubo  
Tadashi**

8J1P



8J4P



8J6P

**An international QRP D special**

**About a ■ questionnaire**

The answer that request "about a postcard questionnaire was made to" clubbers with QRP NEWS February 2009 from an officer's meeting was done with a total on February 28.

By cooperation of member all of you, thank you for a postcard, answer 104 with a sealed letter, in total 119 (a February 28 point in time) answers of 15 answers by an email.

A postcard and an email answer are scanned, and it is added up, and it is thought that a result can be reported to members in number in April from now on. Still it is thought that members can be informed of to in May in April at the latest if it is possible when publication "of a" bulletin and a-affiliated concrete policy / policy are accompanied as a result of examination based on a count result at an officer's meeting. Time wants to be had for a while.

**Vice-chairperson JA1KGW Aoyama Kentaro**

**It is an answer to a question about financial reserve in a ■ budget**

Around 50s have increased from substance of the number of the fee delivery in 2007 when 182 members of PDF and 183 mail members became the cause of an estimate with a fee possibility amount of money of a budget like indication in 2008 in total. Though it was able to be misread when the number of the fee delivery of 2007 was almost halved, and the enrollment estimated mail 133 with 25 of the same number, and PDF 132 were driven from a keyboard, we did not notice. I'm sorry. Posting will be reduced as much as possible in future, and 再検 is performed with plural eyes, and a recurrence is lost. In addition, financial reserve set for this term cannot really enter an item of an expenditure plan in the year for a temporary item without a plan with expenditure before the year. Financial reserve and the forehead which did it are reduced in an appearance from a department of an income with the last year balance carried forward that it is distributed, and will be managed, and income possibility in the year has it.

**Accounts charge JR3ELR Nobuyuki Yoshimoto**

2008年度 QRPクラブ事業計画 吉本信之  
修正2009年3月1日

	予算額
収入の部	
①前期繰越	¥1,136,141
pdf会費 (132名×¥3,000)	¥396,000
郵送会費 (133名×¥4,000)	¥532,000
入会金 25名×¥1,000)	¥25,000
記念事業積立金	¥-100,000
記念局整備積立金	¥-50,000
選挙費積立金	¥-10,000
②当期収入見込み合計	¥793,000
③収入見込み合計	¥1,929,141

	予算額
支出の部	
会報発行費	¥500,000
会議費	¥200,000
事務費(料金を含む)	¥50,000
コンテスト費	¥50,000
ハムフェア運営費	¥120,000
関西ハムフェア運営費	¥30,000
全国集会補助金	¥50,000
全国集会フォーラム費	¥10,000
エリア担当費	¥50,000
各種担当費	¥50,000
④当期支出見込み合計	¥1,110,000

	予算額
繰越の部	
③収入見込み合計	¥1,929,141
④当期支出見込み合計	¥1,110,000
⑦次期繰越見込み	¥819,141

The receipt of money of ■ extra-general meeting of stockholders costs is not forgot!

A mention example of transfer paper is shown below in the lower berth of this page.

The details such as transfer amounts of money look at "a fee transfer point" of a page in the bulletin last.

In addition, receipt of money processing is asked for by a day in the end of April after April 1.

A ■ hot line

The hot line which links an officer's meeting to a member is being established. Please contact me to an opinion, a demand, suggestion, reporting, a contribution to a bulletin, the address which are equal to or less than it willingly why

It is qrpclub\_hot\_mail@jaqrp.org an address

A request for promotion of efficiency of ■ bulletin editing!

When we have send a contribution manuscript in electronic data, an alphanumeric character in prose please use a half size alphanumeric character in all by all means. In addition, use of a full size letter is asked for about katakana by all means. (an editor)

払込取扱票

00 001705 / 15853

JARL QRPクラブ

メールサイン 会員番号

郵送4000円 ←どちらかに○→PDF3000円

※4月1日～4月30日の間に送金下さい。

日 附 印

振替払込請求書受付証

001705 / 15853

JARL QRPクラブ

日 附 印

Extra-general meeting of stockholders costs credit slip entry example

## A member introduction

Secretariat 7L3DNX  
TAKENO Takumi



A new member is introduced.

### #822 JF1ISC Okubo Naofumi

In November, 2007, amateur radio communications were returned to after an interval of 35 years. Ex. It is JA8DIQ. It is QSY in three areas as soon as it returned. Thereafter "apartment mansion" QRPer is given only with 817. Because even 80m, 160m considered whether it was impossible were flying in there there, we have fitted in more and more. Because it can be shaken for appreciation of the yen after a long absence, at this chance it is thought whether QRP kit will be bought up.

Possession QRP radio; (maker type identifiers)

- FT-817ND
- SST -30 of Wilderness Radio; during assembling. But a color code of a part or a symbol is hard to be considered, and a finger-tip does not move as expected, and we appear, and we are depressed slightly. Thing or ... that completion is when.

## Guidance of a QRP social gathering

Shinjuku social gathering project charge  
JR1QJO  
YABE Ichiro



It is from 16:00 to 18:00 on Saturday, March 7 time on a day

A place; charcoal fire coffee hermitage "古炉奈"; (cf. map):

1-14-3, Sotokanda, Chiyoda-ku

Akihabara department store equal thing electric wave hall 2F

Ph: 03-3251-5359

It is JR1QJO Yabe 伊知郎 an inquiry

It is ichiro\_yabe@nifty.com E-mail

\* has participate in this social gathering with anyone.



## An editor's postscript

7L3DNX TAKENO Takumi



The new officer system was started, and one year has passed at last. Meanwhile, editing of a bulletin was performed by the secretariat and an additional post. The space is filled up by cooperation of many all of you, and we gave up, but there is a limit in published by bulletin in such a form, and it is being thought that it is difficult to continue publication by this system as it is in future.

If a count result of a questionnaire by a performed officer's meeting is not waited for, we cannot be decided about the last future policy, but we can want to **advance** the other day in the **direction** that it is **limited when there is a communication matter from officer's meetings again, and publish a bulletin when** during then or that it is not concluded is assumed, and **assistants** who **had we really ask so far than in Masaru** **ってながら, April in the next fiscal year, and write a manuscript is freed, and there is the thing** which a **manuscript reached in future**. Therefore, a figure of a bulletin like the present may change completely, but when is put to members, understand it, and understand it; thanking you in advance.

Wrote difficulty to assistants who had cooperation for this one year very much, and it was done. Here is thanked you for some other time. Thank you. (Tak/7L3DNX)

## The contribution recruitment

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

Takeno Takumi 7L3DNX

211-0042 Nakahara-ku, Kawasaki-shi lower Shinjo 3-7-3-504 E-mail: naf01266@nifty.com

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)

A fee (like in the case of continuation)

Member of bulletin annual sum 4,000 yen (2,000 yen less than family, high school student)

Member of bulletin PDF annual sum 3,000 yen (1,000 yen less than family, high school student)

Fee transfer (a postal transfer)

It is 00170-5 -15853s JARL QRP club account number a subscriber name

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