

## PA3CLQ's Leuke Linken Nr. 526

### **Saturday, April 27, 2019 is International Marconi Day.**

W2RC (skcc-5073T) will be celebrating as an official Marconi Day station from the Marconi Shack in Rocky Point, NY. SSB operations around 14260 and CW on 40m (7117, 7062, 7054) depending on conditions.

Contact certificates sent to your email address as per QRZ.COM.

Spotter page at

[cwfun.org/funspots/imd](http://cwfun.org/funspots/imd)

We probably wont have an internet connection.

Dick. k2rfp

### **Beste mede amateur,**

### **Dear fellow amateur,**

In deze mail staat een link waarop het negenenveertigste DKARS-Magazine is te downloaden.

*This mail contains a link which the 49th- DKARS-Magazine is available for download.*

De Dutch Kingdom Amateur Radio Society is een stichting die de belangen wenst te behartigen van ALLE radioamateurs binnen het gehele Koninkrijk der Nederlanden.

***The Kingdom Dutch Amateur Radio Society is an organization that seeks to represent the interests of ALL radio amateurs throughout the Kingdom of the Netherlands.***

De DKARS doet niet aan copyright en het staat een ieder vrij om deze link aan zoveel mogelijk radiovrienden door te sturen.

***The DKARS does not copyrighted and any person shall be free to forward this link to as many radio friends.***

DKARS Magazine verschijnt 1x per maand en wij stellen het uiteraard op prijs als je ook (radio amateur gerelateerde) bijdrages wilt leveren.

*DKARS Magazine appears 1x per month and we obviously appreciate it if you (related radio amateur) to provide contributions.*

Namens de Dutch Kingdom Amateur Radio Society wens ik je veel leesplezier nadat je op deze link hebt geklikt:

*On behalf of the Dutch Kingdom Amateur Radio Society, I wish you pleasant reading after you click on this link:*

<http://downloads.dkars.nl/DKARS%20Magazine%20201904.pdf>

Wil je in plaats van een PDF te downloaden het Magazine on-line doorbladeren?

Dat kan ook, ga dan naar deze link:

***Want to download the magazine browsing on-line instead of a PDF? This can also go to this link:***

[https://issuu.com/home/published/dkars\\_magazine\\_201904](https://issuu.com/home/published/dkars_magazine_201904)

Mist u een DKARS-Magazine kijk op:

***Do you miss a DKARS-magazine see:***

<http://www.dkars.nl/index.php?page=magazine>

En tot slot: heb je kopij, een mening, gevraagd of ongevraagd advies: dat kan 24 uur per dag, 7 dagen per week via

***And finally, do you copy, an opinion, solicited or unsolicited advice: it 24 hours a day, 7 days a week through***

[magazine@dkars.nl](mailto:magazine@dkars.nl)

73 namens de DKARS

Peter de Graaf

PJ4NX en PA3CNX

Secretaris DKARS

**[skcc] FOR SALE: 10-Port CW Key Junction Box**

FOR SALE: (NEW, Old Stock) TELEX Multi-Port Junction Boxes. each box has TEN (10), 1/4" phono ports for your CW Keys.

Stop swapping keys, simply plug your keys into this box, then plug this box into your rig - using either the 1/4 & 1/8 Inch (included) output plugs and you can have up to 10 keys ready to use. I am currently running one box with 5 keys plugged in - I can just use whichever key I want without having to unplug/swap keys, OR they can be used for multiple speakers/headphones. \$20 each/POSTAGE INCLUDED.

If you are interested, please contact me via e-mail- Larry Wandel, AH6AX for more information. email: [lpwandel@comcast.net](mailto:lpwandel@comcast.net) SEE ATTACHMENT PICTURE

Attachments: TELEX 10-PORT Junction Box.jpg:

<https://groups.io/g/SKCC/attachment/115864/0>



Mono !

Larry Wandel, AH6AX

**The 2019 SKCC Calendar PDF is up at:**

[https://www.skccgroup.com/k3y/k3y-docs/SKCC\\_Calendar\\_2019.pdf](https://www.skccgroup.com/k3y/k3y-docs/SKCC_Calendar_2019.pdf)

It features card images from this year's K3Y QSL card design contest; contest & historical dates of interest to CW operators; US holidays, moon phases & meteor

showers.  
73, Drew AF2Z

### **Commercial radio tower destroyed by wind**

Apologies for straying off topic, but I'm sure you could pick out hams in the TV viewing audience by who winces:

<https://wgme.com/news/local/radio-tower-bent-in-half-due-to-mondays-high-winds>

73, Mike ab3ap

### **2019 State of the hobby**

I received this from my local club - some interesting stats in here.

Here is a view of an ongoing survey about ham radio and what hams like to do.

Yes, it is long and somewhat involved, but if you read the introductory material you will see that there are ways to get through it more quickly.

<https://sway.office.com/2yk77tTq6qsylflo>

Ron, AC2C SKCCGroup

### **30 Meter Band - question on grounding for End-fed and DIY Un-Un Have a good read here:**

<http://www.aa5tb.com/efha.html>

Pretty much the must read for endfed dipoles or ended non resonant antennas.

I've used many many variations of the endfed random wire with 9:1 UNUN with great success portable and permanent.

Masters of endfeds are AA5TB and W4OP.

They work and work well.

As long as you have 15 to 25 feet of coax a "counterpoise" (rf return) is not needed.

For a true end fed half wave dipole a mere .05 wavelength is all that is required.

A great education is on that page.

Have fun and know that your endfed will net you many many QSO's at 8wpm.

73 for now, Randy\_KB4QQJ

### **Telescoping Masts**

Does anyone have any a experience with these masts?

<https://mgs4u.com/product/mk-8/>

Mark K3MSB

### **Yes, I have 2 of them.**

I use one that I have set at 44'. The other is 50'.

They are strong but top section pretty flimsy.

As long as you are using lightweight wire antennas your fine. I will say that I put up a 80 Meter Doublet made of 20 gauge wire and fed with 300 ohm twin lead and I believe it's pretty well Max's out.

One issue is that the "cam locks" crack/ break very easy.

My mast is about 5 years old and they all broke so I use hose clamps to adjust for height.

They can be replaced but check the cost and I think it's cost prohibitive because of the poor durability.

I use the 44' un-guyed mounted in a tilt base which is strong but in winds of 25 mph I will use 2 or 3 Point ground guys.

The 50' when guyed at at roughly 15' 30' & 45' at appropriate joints.

I pull up antenna on a pulley after mast is up.

I have friends who use these but fix the base at 3 or 4 ground points and raise/telescope it up.  
A lot harder and I've seen them come down in a small breeze.  
The key.... lots of hands. My 44' is a 1 Man Operation.  
Rick. NK 9G

### **Hi Mark,**

In July 2012 I installed a custom MSG 33 Foot Mast in my small backyard to hold up a rather heavy 65' BuxComm TF2D Inverted L Dipole that covered 10-80M.

I used 5 Sections of 8' Tube and 3 guys **attached** to each each quick clamp starting at 2.5" OD and going to 1.50.

I used 3 guys requiring nearly 500' of rope including the one connected to pull up the antenna on a pulley.

Assembly was very easy as the quick clamps are affixed with waterproof glue.

I used Guy Rope Tensioners at the end of each guy line which MSG sells although they are available more cheaply elsewhere.

Nevertheless, the top two sections (1.5 and 1.75) were difficult to adjust vertically straight, but this did not affect the mast at all.

Since my mast was not too high, I was able to have a strong friend push up each section and we set the guys as we went up.

We did not attempt to extend the sections first and walk the mast up.

I agree with Rick that if you plan on going higher you will need more people.

It is very important to plan your installation carefully and know ahead of time where every guy rope will end.

Since my yard was small, I had to use 8' steel fence posts to raise the guy points in order to achieve the correct angle.

We were out of town during Hurricane Sandy (Oct. 2012) and I fully expected to find my yard littered with fiberglass and wires when I returned, but to my surprise, my mast and **attached** antenna survived without a scratch!

In 2015, I moved to a house with a much bigger yard so, the mast came down, but I was very happy with the inverted L which was so much quieter than the vertical I had before.

Now I use trees which are a whole other universe.

Best of luck!

Charles R Tropp

### **I use a 25 foot mast from the MAST Company Mast for my SOTA operations**

And for QRP contests and the like.

Very light and very strong.

It is a flag mast more or less and is very sturdy for antennas.

In high winds even it does not give much.

It is in short sections and I use for a walking stick as well as a mast.

I just put some heavy duty rubber on the bottom and wrapped it.

[http://tmastco.com/main/page\\_products\\_product\\_overview.html](http://tmastco.com/main/page_products_product_overview.html)

de John Paul // AB4PP

It appears in the 1859 Western Union 92 code list, See:

<http://www.civilwarsignals.org/pages/tele/wurules1866/92code.html>

k9ljb

### **It's a plain fact that most operators do not know what the actual ERP of their system is.**

This quote from the Times Microwave Systems website explains why I said what I did.

Please see it here:

<https://www.timesmicrowave.com/calculator/?Product=RG-213&RunLength=100&Frequency=28.050>

" Values are nominal 25°C performance calculations.

Actual measured values may vary from the calculated values based on manufacturing tolerances, cable assembly length, connector performance, actual operating frequency, and measurement accuracy".

Tuners, patch cables, baluns, ununs, antenna height, SWR, etc. are also variables that will affect ERP.

An estimate of ERP is the best you will ever get and I guarantee that using it to calculate bonus points will cause more contention than contentment.

You said, " Be honest, take your best shot".

To me, that means "make a guess".

A guess that is even 1 watt off could make a big difference in bonus points.

However, I think that is just what I said in the last sentence.

Doesn't " Please use your best and honest judgement" mean the same as " Be honest, take your best shot"?

Please recheck the rules before the WES.

I will be revising them.

It was not my intention to light this fire.

I just wanted everyone to have a good time. My sincere apologies to the membership for the discord.

73 de Dave NI9M

### **Morse trainer app for Raspberry Pi?**

I used a \$3.00 USB audio sound card dongle on my Raspberry Pi(s).

I see the same one here for \$5.99.

[https://www.amazon.com/Channel-External-Sound-Audio-Adapter/dp/B007HISGRW/ref=pd\\_day0\\_hl\\_147\\_6/130-3413701-5331300?\\_encoding=UTF8&pd\\_rd\\_i=B007HISGRW&pd\\_rd\\_r=2f6ed9b4-3b7f-11e9-8c21-b5518fd3ff68&pd\\_rd\\_w=LHqbu&pd\\_rd\\_wg=JWHp3&pf\\_rd\\_p=ad07871c-e646-4161-82c7-5ed0d4c85b07&pf\\_rd\\_r=97M9WW5SHWHEPKYZ8MB3&pvc=1&refRID=97M9WW5SHWHEPKYZ8MB3](https://www.amazon.com/Channel-External-Sound-Audio-Adapter/dp/B007HISGRW/ref=pd_day0_hl_147_6/130-3413701-5331300?_encoding=UTF8&pd_rd_i=B007HISGRW&pd_rd_r=2f6ed9b4-3b7f-11e9-8c21-b5518fd3ff68&pd_rd_w=LHqbu&pd_rd_wg=JWHp3&pf_rd_p=ad07871c-e646-4161-82c7-5ed0d4c85b07&pf_rd_r=97M9WW5SHWHEPKYZ8MB3&pvc=1&refRID=97M9WW5SHWHEPKYZ8MB3)

If you google around you can probably find them cheaper.

73 - Bill KA8VIT

### **[N1MMLoggerPlus] LPT port bi-directional? #n1mm**

It is not possible to operate today's LPT ports bi-directionally.

Older motherboard-based ports were bi-directional, but not today's PCIe cards and USB-to-LPT adapters.

N1MM's LPT/BCD antenna selection is a one-way message sent to external devices.

[So when selecting the band the correct BCD code has been sent to the interface.](#)

Where do you select the band? In N1MM? On your radio? somewhere else?

If you're selecting somewhere else, that info does not flow upstream to the logger or the radio.

You might want to consider using TCP/UDP packets if you want bi-directional input and response when changing bands.

Take a look at the design for Band Decoding and Remote Antenna control in my freeware FreqEZ program.:

[www.hamprojects.info/freqez](http://www.hamprojects.info/freqez)

-larry (K8UT)

## Hello Friends

Sorry for the off-topic message, a short addendum to last night's EU net.

I was referring to the following info, heard on Bee Bee C Radio, not in F news:

<https://www.bbc.com/news/world-europe-47995604>

Thanks for the buzzzzz fellows.

Yann, F5LAW.

## Kees PA3DEB SK was QRV for lots of new radio adventures, from the shack or /P.

He is and will be greatly missed...

Kees' website (via Google translate):

<https://translate.google.fr/translate?sl=nl&tl=en&u=http%3A%2F%2Fwww.ksites.nl%2Fpa3deb%2F>

Sideswiper Net, Sunday 13 January, 2013. Pix, comments and video from Kees:

<http://www.ksites.nl/pa3deb/ssn.html>

Participants in this session and reports:

[http://www.sideswipernet.org/qni/eu80m\\_2013.php#jan\\_w1](http://www.sideswipernet.org/qni/eu80m_2013.php#jan_w1)

From SM7FBJ: PA3DEB and G0VQW in the SSN-net - YouTube:

<https://www.youtube.com/watch?v=5OfAEfReV2E>

Short clip, end of Kees' transmission then Sandy.

Both great chaps and excellent CW operators.

Yann, F5LAW.

## Space weather from Dr. Tamitha Skov (06-03-19)

Space Weather News | A Hotspot Turns Sunspot ...

[https://www.youtube.com/watch?v=eq\\_r4st7Sy8&feature=em-uploademail](https://www.youtube.com/watch?v=eq_r4st7Sy8&feature=em-uploademail)

*"We are calming down from the biggest solar storm we've had in months. ..."*

*" back to quiet conditions by about the weekend."*

*"... We also are watching several hotspots on the Sun. One has grown rapidly enough to become a new sunspot and it is showing signs of the influence of solar cycle 25. ... We will be watching this region closely and will update you in the next forecast if this region continues to grow..."*

*"... Sun still considered to be spotless, but ... solar flux up to the low 70s . ... get back to quiet conditions around the weekend. ... Marginal radio conditions on the earth's day side ..."*

Cheers,

Darrel, aa7fv.

## Space weather from Dr. Tamitha Skov

Space Weather News | Lyrid Meteors Come, Bright Region Leaves 04.18.2019

[https://www.youtube.com/watch?v=D1Ar\\_NKzYms&feature=em-uploademail](https://www.youtube.com/watch?v=D1Ar_NKzYms&feature=em-uploademail)

*"Space Weather quiets down this week though we continue to get hit with sporadic pockets of fast solar wind. ... bright region 2738 is rotating out of view so solar flux should drop back into the low 70s by early next week."*

*"... solar flux is going to tank in the next few days ... " ... amateur, shortwave radio, and emergency responders will notice the drop off in communications as we fall back to poor radio propagation on Earth's dayside ... easily for the next week, probably for the next two weeks."*

Cheers, Darrel, aa7fv.

## Have a nice day / week(end) gents, BCNU.

Yann, F5LAW

<http://www.sideswipernet.org/>

By OM Yann F5LAW SideSwiperNetGroup

73, from the town at the rivers "De Bergsche Maas" and "De Dongen" Geertruidenberg  
(800+ years city rights) at: 51.702211N 4.853854E  
Editor, PA0CLQ / PA3CLQ

Grüße von:

Jan Pieter Ulb van Ouwerkerk Armee Oelp zu Ransbach Herzogtum Nassau, Preußen  
Deutschland. hi hi

If you want to know details about this, pse ask me.

-30-

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