

## PA3CLQ's Leuke Linken Nr. 521

### Bug weights and parts.

Found this guy for bug parts:

<https://www.2bradioparts.com/>

I picked up one of his 1.9 oz weights for my original Vibroplex.

Works like a charm!

Just sharing my find,

Don, K9DRP

### Which Facebook Page?



#### Frequencies:

1.813.5	3.530	3.550*	7.055*	7.120	10.120	14.050	14.114
18.080	21.050	21.114	24.910	28.050	28.114	50.090	144.070

[www.SKCCGroup.com](http://www.SKCCGroup.com)

<https://www.facebook.com/groups/3329834231/>

Alton N4IDH Webmaster SKCC

### Beste mede amateur,

#### *Dear fellow amateur,*

In deze mail staat een link waarop het zesenvestigste en zevenenvestigste DKARS-Magazine is te downloaden.

*This mail contains a link which the 46th- & 47th- 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%20201811.pdf> and

<http://downloads.dkars.nl/DKARS%20Magazine%20201812.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\\_201811](https://issuu.com/home/published/dkars_magazine_201811) and  
[https://issuu.com/home/published/dkars\\_magazine\\_201812](https://issuu.com/home/published/dkars_magazine_201812)

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 and AMSAT?**

Just curious to know if any SKCC members are also AMSAT members who may be working on the "AMSAT on HF" award.

<https://www.amsat.org/amsat-50th-anniversary-awards-program/>

(Scroll down the AMSAT page to see the "AMSAT on HF" protocol.)

If you are interested, we can do a QSO with both SKCC and AMSAT numbers (assuming I can reach you with my minimal station).

Steve AI9IN

### **SKCC 2019 Print Calendar**

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

### **From the SRS webmaster**

On Saturday 16th of February 2019 Stuart G0TBI will be Net controller for a Special Interest Group Net concerning the GRC-9.

Callers are invited into this net using there GRC-9 and or LV-80 and RA-1 Amplifiers other GRC-9 Amplifiers also welcome (Military Only).

The net will start at 07.30hrs and will end at 08.30hrs Local UK time on the frequency of 3.615Khz, and Stuart will call for Continental stations first to call in.

If this interests you, you may pre register your interest with Stuart, at the following e mail address.

stuartjmckinnon@aol.com or the official vmars address of pro@vmars.org.uk either address will find me.

We look forward to hearing stations, but remember be brief as there may be a few stations on frequency

Stuart J Mckinnon G0TBI VMARS Public Relations Officer.

### **SPRINT NIGHT!!!!**

I'll be banging my sideswiper all over my desk for two hours, tonight - 0000-0200Z. (22-01-2019)

Hope to work you!



Lloyd K3ESE

### **FCC Radiotelegraph License ( Editor..... Nice to know?)**

I'd like to point out that it is only elements 1 and 6 required for the T certificate.

I know this because I have have been procrastinating on taking that exam.

I have credit for my T3 license, which was converted to Marine Radiotelephone Operator's permit.

I have code credit both from my T3 license, and the fact that I was licensed as an Extra Class Amateur in 1985, long before the elimination of the code requirement.

(Yes, this too counts as prima facia evidence of competence, at least the last time I checked.)

So, if anyone in the Kansas City area wants to join me in knocking down Element 6, please let me know.

<https://www.fcc.gov/wireless/bureau-divisions/mobility-division/commercial-radio-operator-license-program/commercial-0>

Type of License Elements

Radiotelegraph Operator License Written Element(s) 1 & 6 Telegraphy Element(s) 1 & 2  
73, Chas - NK8O

### **FCC Radiotelegraph License**

I hope this is of interest to some.

The FCC still issues the Radio Telegraph Operator's License.

No more classes of 1st , 2nd, and 3rd.

Just one T class and the license is good for your lifetime.

There is a license and examination fee.

But once the license is issued no more fees ever.

I enclose the questions for the Telegraph commercial radio license below.

Study guide: Ed Noll's 1970 vintage book "Marine Radiotelegraph Operator License

Handbook"

<https://www.abebooks.com/9780672211096/Marine-radiotelegraph-operator-license-handbook-0672211092/plp>

Another and more detailed book that is available is "Electronic Communication" by Robert Shrader (W6BNB).

The current edition is \$160 new but you don't need the new edition.

The newest edition (1990 or so) is available used for \$50.

<http://www.abebooks.com/servlet/SearchResults?an=robert+l+shrader&sts=t&tn=electronic+communication&x=0&y=0>

Older books will have most of the questions - but the only study guide is the FCC's guide.

FCC guide to elements:

<http://wireless.fcc.gov/commoperators/index.htm?job=examinations>

FCC study guide for elements 1, 5 and 6 enclosed.

Polish up on iron coherers, chemical detectors and magnetic amplifiers, as the FCC always includes the latest technology in the examinations and Marconi will be watching!

Only if it expired less than 5 years ago.

You can use it for proof of the Morse exam, also if you can prove you had a Extra FCC grade license issued when 20 WPM was required,

I have a new T license but FCC kept my old serial number with T1-GB (Gettysburg, PA) license number, indicating it was at one time a first class license issued at Gettysburg, PA, previously I had licenses issued at HQ and 1 meaning first FCC District (Boston).

The T2 serial numbers were also kept with new issues of T licenses.

Only new applicants were issued T license serial numbers.

Think electric not electronic!!! hahaha! Only a few of us realize that radio was at first just electric!

You'll have to look at the FCC regulations, they say if you received an amateur extra license prior to a named date, you get credit for the 20 wpm and 16 com cipher send and receive tests.

Former first class telegraph license holder

73 David Ring N1EA

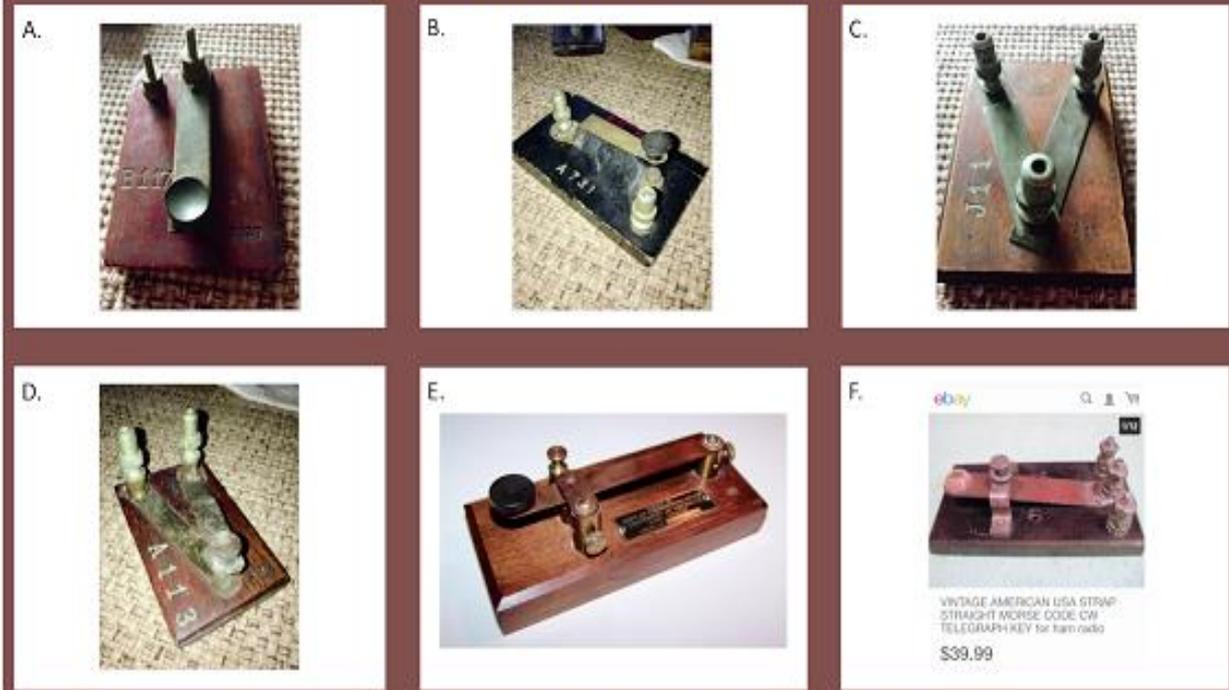
### **[slowspeedwire] Key or Momentary Contact Switch?**

A guy I know has come across the devices shown in the attached image.

He writes, "I'm convinced that these are momentary switches that "someone" thought could also be used to send code and thus called them "strap" keyers."

What do you all think?

### Strap Telegraph Keyer or Momentary Switch?



73, Dan KB6NU

**Dan, Yes, they are strap keys and yes they weren't intended for sending Morse code.**

Certainly you could use them as such but you could also use any momentary contact switch like a doorbell button to send code.

But would you want to given that there are momentary contact switches, called telegraph keys, better suited for this purpose.

I have one of these and I've seen them on restored fire alarm boards, inside electromechanical clocks used to set the clock, etc.

The one I have is sort of a combination of the ones in photos E and F.

73, Chris Hausler

### **The Cootie Corner,,,,,,,,,,,,,**

**I built my own cootie key recently and am learning how to send all over again.**

I have one new design pending an acquisition of some new materials and a little extra time. It will look like a Vail key when I get it done!

I find I have to keep starting the dots and dashes on the sides I am used to with a paddle or probably go a little nuts!

The tough letters are the ones that don't fall into the alternating category.

I do believe that it would be easy to send really good code eventually, somewhat a little slower, but that is good for me at the moment.

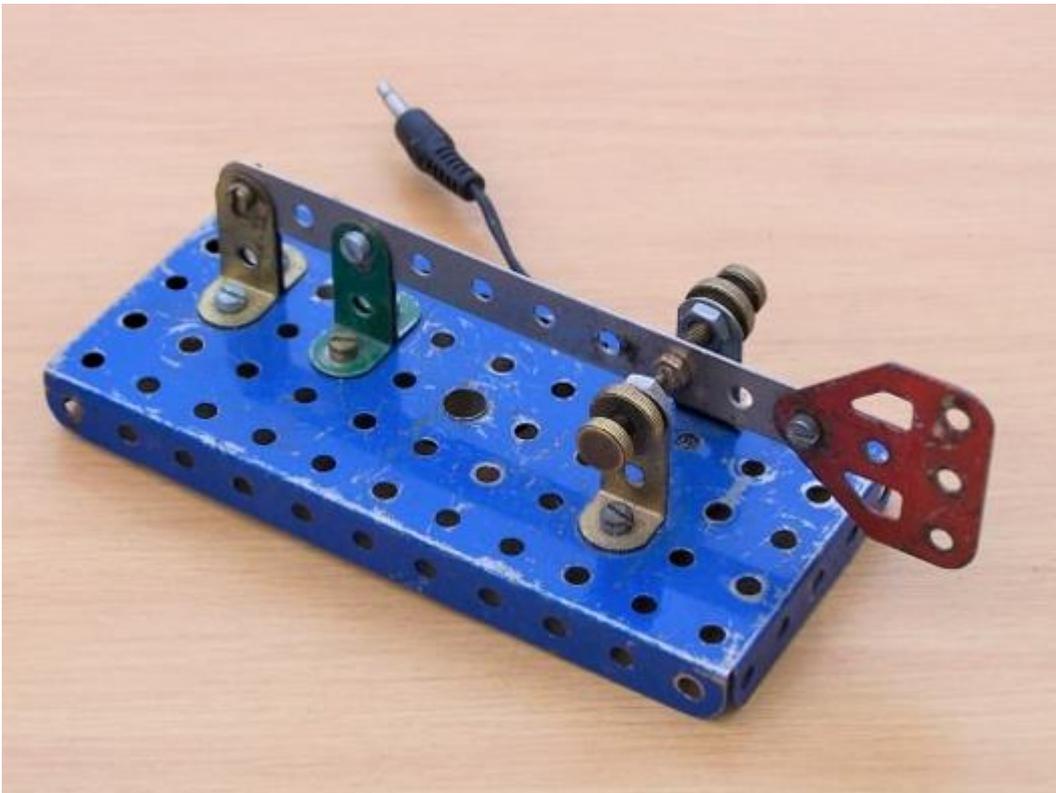
Jeff KT8G

### **Hello Friends**

Martin Ward wrote:

Good health,

Happiness and Peace to you all for the new year and beyond.



Martin g4zxn  
Editor,,,, wiring / insulation?

**Very Best Wishes for 2019 to all, from Arizona.**



Back in about 1966, I made my first electronic keyer, using a design by G3IAS in the RSGB Radcom.  
This keyer was made of discrete transistors, before the advent of digital integrated circuits. I remember finishing the soldering at about midnight, and impatiently wanted to try the keyer out.  
So, at midnight I stuck a piece of Meccano on to a piece of wood, using drawing pins as the contacts.  
It worked very well, and this was my only paddle until about 1990, when I bought my first "real" paddle at a hamfest in Arizona.  
The only "problem" was that the Meccano strip would gradually get rusty, eventually making poor contact with the drawing pins.

So, routine maintenance was about once a month to scratch the rust off the Meccano strip at the contact points.

Note the blue insulation tape around the Meccano strip.

This is where I would place my finger and thumb, to work the paddle.

By moving my finger and thumb towards the drawing pin contacts on the right, I would have lower finger pressure but greater movement. Moving my finger and thumb towards the attachment on the left, still over the blue tape, the key pressure would be greater but with a smaller movement.

I used to adjust my fingers back and forth along the Meccano strip to match faster or slower sending speeds.

I miss that possibility today, using a more modern paddle.

I still have this key, although it's rarely used now.

Sadly, I've not yet used it in Sideswiper mode.

I must do that.

Cheers to all, Darrel, aa7fv & g3sys.

### **Happy new year to all.**

Darrel, it's a great and original adjustment method.

No springs or magnets for tension, only a simple law of physics, and instant adjustment during while sending.

I like it!

73, Med CN8YR

### **I got a package in the mail last weekend and it was from CW SANTA.**

Inside was a beautiful SKCC sideswiper.

I have the original KungsImport key from which this key was designed, a very nice key but like all flexible lever sideswipers, you cannot have the contact spacing too close or it will chatter like a monkey or even like a staccato machine gun.

Thanks to CW SANTA!

73, David N1EA

### **<CLASS="TITLE style-scope ytd-video-primary-info-renderer?>A Bright New Region for New Years by Dr.Tamitha Skov : Solar Storm Shortie 01-03-2019**

**<CLASS="TITLE style-scope ytd-video-primary-info-renderer?>**<https://www.youtube.com/watch?v=xQ9e0R9J-CM&feature=em-uploademail>

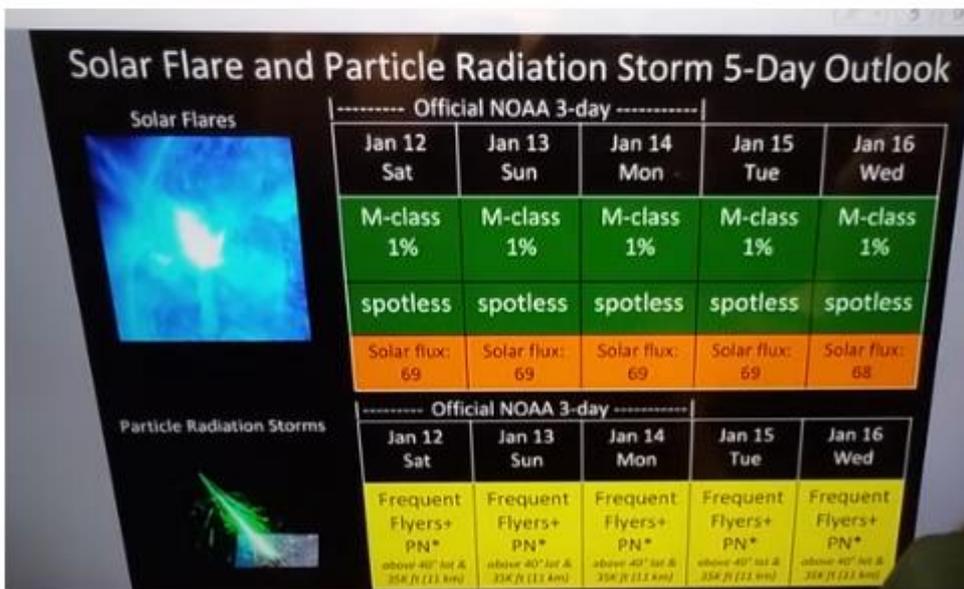
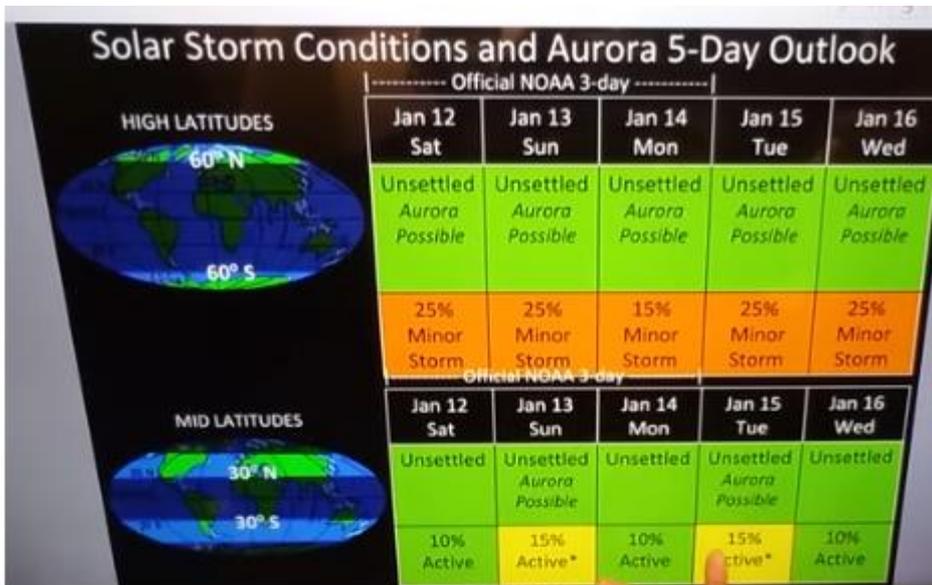
"... a new bright region has emerged on the Earth-facing Sun over the past couple of days and it has been firing some mini-solar flares. Although this region isn't a big flare producer, it has been boosting the solar flux, which has brought radio propagation is back [up] into the marginal range on Earth's dayside...."

Dr.Tamitha Skov wasn't able to give her usual space weather forecast this week, as she was attending a meeting.

A 20-minute summary of the meeting, followed by her shortened space weather predictions for the next week, are here:

<https://www.youtube.com/watch?v=i6YS51LjqWs&feature=em-uploademail>

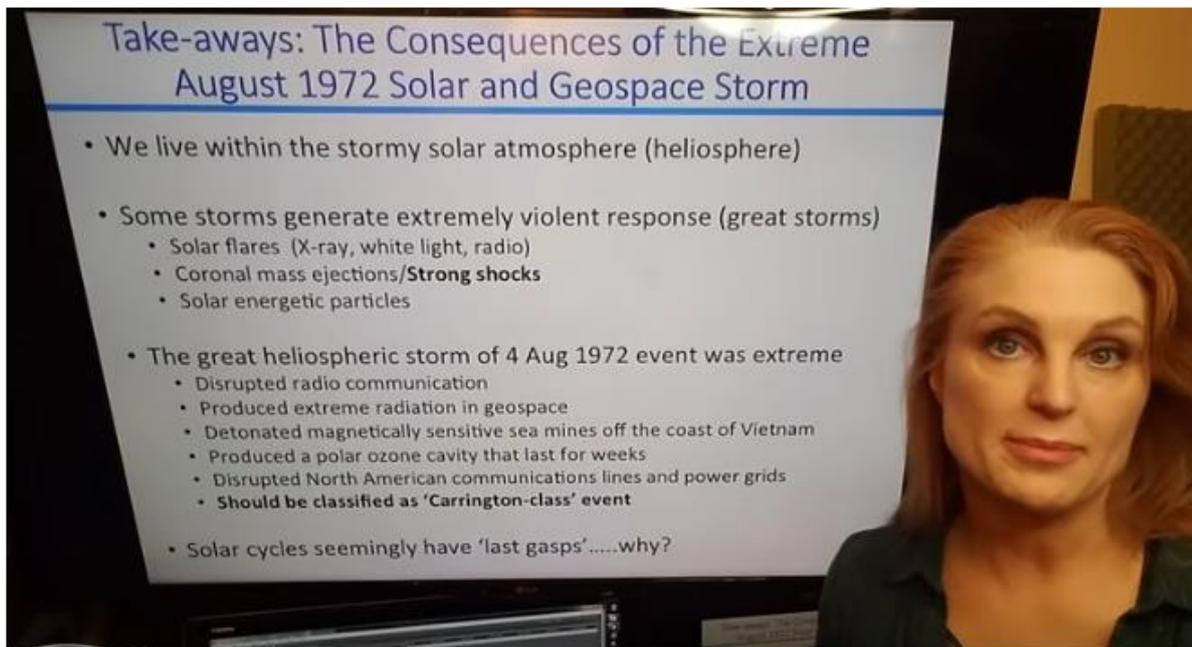
Here are snippets from the forecasts for the coming 5 days:



Dr. Tamitha Skov also mentioned some new analysis of the August 1972 Carrington-class Event, which she saw presented at her meeting last week.

## The Last Gasp of Solar Cycle 20 and the Little-Known Consequences of the August 1972 Flare and Ultra-Fast Coronal Mass Ejecta

Delores Knipp, University of Colorado, Boulder & HOA NCAR;  
Brian Fraser, Centre for Space Physics, University of Newcastle.  
Peggy Shea & Don Smart Retired US AF Research Laboratory



### Solar Storm Forecast 01-17-2019

[https://www.youtube.com/watch?v=4stoV\\_znpow&feature=em-uploademail](https://www.youtube.com/watch?v=4stoV_znpow&feature=em-uploademail)

"... The Earth-side of the Sun has been reasonably quiet, but the backside has been busy! Luckily some of that activity is rotating to the front side of the Sun this week. ... "

... {Also} rotating into view this week are some bright regions, which will help boost the solar flux and keep radio propagation in the marginal range. ... "

<CLASS="TITLE style-scope ytd-video-primary-info-renderer?>

### Solar Storm Shortie: 01-21-2019

<CLASS="TITLE style-scope ytd-video-primary-info-

renderer?><https://www.youtube.com/watch?v=ALlJHjffzY&feature=em-uploademail>"

Our Sun ups the activity this week with a returning coronal hole that promises to send us some fast solar wind. This could bump us up to solar storm conditions, at least at high latitudes by mid-week.

...we also have a bright region rotating into Earth-view over the next few days that should keep the solar flux boosted into the 70s and ensure marginal radio propagation on earth's dayside...."

Cheers, Darrel.

### 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  
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-30-

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W: [www.pa3clq.nl/](http://www.pa3clq.nl/) i.e. Huge Direction Finding Antennas