

Enigma World Code Group Newsletter for:

September/October 2018

[Enigma World Code Group Website](#)

**Hello Enigma friends:** My name is Chris Geib and working with my friend Bruce Culp and at his invitation, I have taken the reigns of this venerable website. I wish Bruce and his wife health and happiness. Bruce may be gone from the day-to-day operations of this website, but he is still providing valuable advice and inputs from the background. I have no plans to remake the newsletter other than to make a tweak and add a few enhancements. I am soliciting inputs in the form of pictures, articles, etc. that can be used (with permission of course) to enhance this newsletter. One area I hope to add is a picture section of various members Enigma holdings. These can be actual wartime Enigma machines, replicas of Enigma machines, and simulators of which there are several. This section will be in addition to any other picture submissions by members.

A little background on me. I am a former USAF officer who was the Acting Program Manager for the U-2R/TR-1 aircraft acquisition program in the late 80's. The U-2R and TR-1 aircraft are high flying reconnaissance aircraft collecting imagery and signals intelligence. They are still being used today. Because the data is highly sensitive, encryption equipment was in heavy use. I was involved in the acquisition of that and everything else on the aircraft including the flight suits! Working with the many classified subcontractors, I was involved in the distribution of the STU-III secure telephone equipment to them. Enough about me, let's get into the newsletter shall we?

Once again we have our regular menu items of two Wehrmacht (Army and Air Force) messages, and starting with this newsletter, just the "advanced" M4 Kriegsmarine (Navy) message. I also added a Wetterkurz message for fun. Since the advanced procedure has been available now for some time, I've decided to forego the old M4 procedure for now.

**Message #1:**

Use the U-571 codesheet for September 3, 1944, **no** Kenngruppen, start to decrypt at MURVN

1500 1tle 1tle 254 ATD NNS

MURVN FTKVY JIRVN EWKTN KFEFW AWSYR YIKBB GOCZR YAZGU ETJUT UQVBR  
KCTCR NUIFJ FRAFK HKNAN KWPLA LUHXP KHAWU DROWC PCPRI EIMVH NRNSJ  
PUSXK IVQMQ GBFMX OKFWM GDZBA RKPLV KWGLF MJRFA GEDTD UULJC NNTUL  
XAPPO EAVTB RHSKD BLGCD BOBJA CFLOX EUIMJ QYHWL MTPSP BRDZK SITTX  
JBYCR VLSXR UBQJC WFJXR IFEZU GXSAS QBHN

### **Message #2:**

Use the U-571 codesheet for August 31, 1944, **with** Kenngruppen. Confirm your Kenngruppen, and start decrypting with EKCGN.

```
1330 1tle 1tle 230 HZA ENU
BBNZR EKCGN DOYGK LWQAC HPNLX JDMHL GTMSN WXHDW HOJRX VLOJO GIKEM
FCDQZ PLXEQ ANSAQ CZKLV XSDKD SPKLN PFDVG YDDTA MANJB KOOSC NKNAK
WXDJM FIQVP LOCJN CSEJL HLVRT OPZYV TPWPU SPKNL WDDDP ZFEWM VDEFT
ENJPS DPGJI RMTIC VQBFK JUPNW WGUSO ZISSJ CADZY MWAGH EGWDZ QFXMR
GYBAB JHHJS
```

### **Message #3:**

Now to some more serious Enigma decoding. This uses the “advanced” M4 four-wheel Enigma procedure found on the website. Parameters you will need:

September 2018 Schlüssel M “Hydra” radio net daily key

What, no Bigram table or date you say? Looking at the message you only do not know what radio net and month was used. This one is for the more experienced folks for sure.

```
VOS 1300/3 001 68
YPQH QXJJ PHXW QYUC PLHD XBHF OEUP YOFD JCYP EEWB FYQW BUOD IBGA DAVS
QPZG OFTP CDNH RNIG IOJN KFOA SUUS ZULU ZQJO SHRQ YOSC YMHM LDJB ZHPK
KNTV ERZH IDRL YXSX FIQI NXIF ZAOO NSTA NGSY FRZJ NZZQ OGRJ QUEW PIGR
XHGM ZCCE ILMB SXIJ TGQX IQKM WZEE GORL LBHH PECQ EDFR EKFP ZLON WWOB
AIHZ QVLL XAVW YRCM OTFV ANDR WKPL QYPF CLQW OINJ YPQH QXJJ
```

### **Message #4:**

So, finally for this first of my newsletters, here is a short weather message. What’s it telling you?

Use the codesheets for weather messages on the website. Please note: that an error exists in the plug board settings. You cannot have **two** plugs using the same socket. Change the last socket from 8/2 to **3/2**. Remember if you want to use an M4 machine, that to get full compatibility with the M3 Navy machine you have to set up using the beta thin wheel, and it has to have the index set at **A** and the **A** displayed in the window. If the C reflector had been used, you would need to set your gamma thin wheel the same way. Try it, using the Kriegsmarine M3 and then with a Kriegsmarine M4 configured as above.

WW031300Z

C SVAM TIDW FFYK AISE HIEB EZ

**In Summary:**

I'm thinking that in the future, message #4 will be an M4 advanced Offizier to Offizier message, and message #5 will be a Kurzsignale message. Still need to finish the Satzbuch, but it is coming soon. Finally, I think message #6 will be a Wetterkurzschlüssel (Short Weather Message). Others? I know that there is at least one setup of the RHV, maybe a message submitted that way.

Let me know what you think. Did I get the messages right or did I bollix one up.

I need pictures, pictures of Enigmas, Enigma simulators, codebook collections pictures from the US and German crypto shows. Anything that you are willing to give me permission to publish here. This newsletter I'm including a picture of my S&T Geotronics Enigma simulator in its finished oak box. Alongside are copies of the various codebooks etc. needed to prepare and/or process various Enigma messages.

Well, this has been fun. I hope you will look forward to the November/December newsletter.

Mauser sends.



S&T Geotronics Enigma Mark 4 built by Chris Geib