

## Enigma Newsletter for January/February 2018

### Enigma World Code Group

Hello, to all of my excellent Enigma World Code Group members and friends,

So, you say that you are getting a little bored with the Enigma M4 “Basic” procedure, are you? You want to play hardball with the Enigma M4 “Advanced” people, you say? Well, all right for you, Mr. or Ms. smarty-pants! Here’s your chance to show us how good you really are! With many thanks to our excellent Enigma M4 scholar-in-residence, Chris Geib, we can now send authentic U-boat M4 Enigma messages using the actual documents and techniques that were used during WWII. Message #4 is just such a message, and listed under the “Kriegsmarine” bar on the Home page are the “Advanced” procedures and documents you will need. Chris is available for help at [cwgeib@att.net](mailto:cwgeib@att.net).

In addition to our regular menu items today—good heavens, I’m sounding like a waiter in a restaurant!—we have two video items that may appeal to you. First, from Eric Nelson, Ph.D., our U-boat Short Weather Cypher procedure sparked his interest to locate a WWII German naval Enigma weather reports site at <http://ww2f.com/threads/enigma-code-breaking-ciper.55850/>. Eric has just joined and made his first post on the site. If you are of like interest, check-out the site. Eric says it is great!

Arguably the most knowledgeable man in the world about Enigma, WWI and WWII German electronics and radio, and a man I am proud to call my friend, Arthur Bauer, recently put-out a short promotional video of his museum of some of his war-era electronic equipment—all of which he has returned to working condition—in Amsterdam, The Netherlands. See “The Great Man” himself and some of his displays at <http://www.cdvandt.org/exhib-pro-film.htm>. He, himself, should be declared a UNESCO World Heritage Site!

#### **Message #1:**

Please use my U-571 codesheet for Oktober (October) 10<sup>th</sup>, 1944, no Kennguppen, start decrypting with WLWTB.

1939 1tle 1tle 166 RXM QDT

WLWTB EYHMS QLZZJ UVHXU LNXQQ KGVBV NDGUK RRFDJCL NXJTU PZWUU FCKCI ZPMRD IFFGD XFUDL OKBFH  
AXUOU XTYQB VIUAL TQFIV ALIRC PKOTN KCMRT KFCNX OHQZA QEZHE YERDB TBHPB XNROM OTCCB UBYFF LVUVL  
RFQAD PRGKY D

#### **Message #2:**

Please use my U-571 codesheet for Oktober (October) 15<sup>th</sup>, 1944, with Kennguppen. Verify the Kennguppen (the first 5-letter group), and then begin decrypting with AVUUA.

0425 1tle 1tle 395 MZG MWC

XHHBC AVUUA YRLYR VQJLR PVHRG KPVFU SCZCK SLKJP QAQLTZQ YNOAD BOVZG WNODW OXRUP NUBUZ NEDHL  
ESHUT ZKZYZ DRWNI DQBPY NPJOY PIKUU IUXNN CFWUP IRRFC DRIBY CTYCI GGXTN EDHKG OVVDI QXZVU QCUHW  
RVCJJ SDAE NNJOS PSEJ NVUJF CHGWO FHOLS PPKDX ODEAK FNGSG MJKGT PIVNI HHEGP AAMJG VNJCD ACUXY  
EHQDH ZSLBU GPJQW SLNNU NMKZU CIZAL WORIK WFSMW MEJCQ FEYXV RYJCQ ALQXD CRLVN DUUVF ESICL VYKBZ  
OYXTN PUOEQ RVZHC LNMHK HVQHB DPGNX YQUQA HNDSQ RNBOC OQXOZ KNDPZ ONRTZ CEMXJ MQONW YLLXJ  
LONF

Message #3:

Please use the Kriegsmarine "Basic" decrypting procedure located on the "Home" page.

BRU 0935/ 10 024 136

ZETD IBKS KEDI QNHL KWEQ DOYM HYTI ZFMQ XKLK XAKM HTJY BXNA JMGV OSZL LWLV DEMB YHFI QAQT ECJL IDIH  
OEEW HRRD DDXR CXDH VBBP DFAM HPCL YXYN VMZS LKFL ILZG VUCP UUYD GPXB ZZJV CQCR FJZA JWEU UKRT YQMS  
KJYR DVAZ BUVX UGGP WUUB NADG GCVE JHLI LFMA CYDZ CADC QBTE ETCY YYKX UEUH VKQY EPQX JZSI LQYW HSPC  
ZMTI PALW YMXP EQSB UZAH NDJY QWFS KXTH ROFO RAWI FKTI MLFZ CJAU BIEC GSED KHTL HRLC RFXN IJCJ QJEY  
HEUB CEPR DRYA NOEA YFLA JVWI GHVL JCQT CPJX CHSW LEKN DEEF KJKM HUOM TDJP UIBX DUQN TKPX TIEL YZXB  
TPXR JBQJ WJLL YMVR GVBI ITFS XKBN IQMA ZGXX SYXI MTLT ZWOY DBRI AFKT JCRT FCNI PPFW OJSA PWDA OSDS  
EMYW TOWS CEJP QYUG FSZL OFTR DDBY HXGS VRBU RHVY QISI BZOJ EXKK AGXP GDZH UFBU NRBY DTEH ZIUJ FLQJ  
UNZT AP ZETD IBKS

Message #4:

Please use the Kriegsmarine "Advanced" decrypting procedures located on the "Home" page.

"You are aboard U-96 on 12 February in Quadrat AL3254 and you receive the following message from B.d.U.  
on 7.365 MHz:

ß FFF BDUUU

MAU 1528/12 011 027

CFFF BPFU ITZD QCMD LZCC GWJT VIKX LGUB TCUU ULKN  
YHVJ HWAC QBAJ IWBV VCON KWQY YHOX NKEG OPKC IMYD  
XKQM MHBV QVUO ATAX VZMO CFFF BPFU

Question: Which way and how far are you going to move?"

Clues to decode. First of all, advanced procedures are in play. This is using the Kenngruppenbuch. If you in Quadrat AL3254, you are not in home waters, so TRITON is the key system. Using the K-book Tauschtafelplan (Bigram table plan), look up the 12<sup>th</sup> of February to find the correct bigram table. Verify that the last three letters of the first Book Group are valid for TRITON. Verify the first three letters of the second Book Group are valid for "All Users". Use the 2018 TRITON key for February 12<sup>th</sup>. Finally, having determined and set the message key, decode the message. Determine the answer to the question. [cwgeib@att.net](mailto:cwgeib@att.net)

Quotation:

I do not like the man who squanders life for fame; give me the man who living makes a name.

Martial – *Epigrams*

Photograph:



This handsome devil is Tom Perera, Ph.D., a retired university professor who, together with his son, Dan, are the greatest Enigma hunters and restorers in the world. Tom spends months tracking-down leads and sifting-through attics and cellars in Europe in search of WWII Enigma machines. He and his son then spend months and even years painfully restoring the Enigma machines to their original appearance and operating condition. The cost? Be prepared to pay around \$200,000 for an original or restored 3-rotor Perera-Enigma beauty. You can visit Tom's website at <http://EnigmaMuseum.com>. There is a reason why Tom is listed first on our Enigma World Code Group's Member List.