

In Memoriam

Bill Culkin

July 31, 1927—July 31, 2017

It is with great sadness that I am forced to spread the news that Bill Culkin, our Enigma World Code Group “crypto guy,” has passed after a battle with lung disease. Virtually every procedure in our website has Bill’s fingerprints on it. He was a great cryptographer, friend, and supporter of the Enigma World Code Group. His presence will be greatly missed. Rest in peace, ol’ buddy.

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

It’s time for some practice again if we are going to keep you in fighting trim! What we really need is a well-placed Enigma source in North Korea to keep us posted on all the ups and downs over there. Any volunteers?

We are very fortunate to have a new member, Chris Geib, who is an expert on the U-boat 4-rotor (M4) machine. Chris and I have been working behind-the-scenes for a couple of months now. A new M4 procedure will have some relatively small format changes in it, but changes that will bring the current procedure much more into line with the real procedure as it was used during WWII. Thank you, Chris, for your expert advice in helping the EWCG upgrade its M4 reality and accuracy standards.

Anyone interested in Enigma, Arduino, and microcontrollers? Why not make a new Enigma friend with James Winburn, jwinburndev@gmail.com. He would really enjoy finding some like-minded Enigma pals with whom to exchange code and research.

Message #1:

Please use my U-571 codesheet for Marz (March) 6, 1944, no Kenngruppen, start decrypting with BJWWQ.

1950 1tle 1tle 92 TYM GTY

BJWWQ ZWMVF GOLOD URTZJ WGBXK WJZCI FSOLI OCPWRXW BYGNS SUTPJ VNBAF OJXLE XDHDV EFGHT JPFTB QXJGH
PEHFC RKSMG

Message #2:

Please use my U-571 codesheet for Marz (March) 8, 1944, with a Kenngruppen in play. Verify the Kenngruppen, then begin decrypting with the second block of five letters.

1830 1tle 1tle 260 DRA WQQ

BFWBC HRQFK CVFXP JMZAW QJURA ZAMYE ZFCKA HALBXHK EJIFM KJHWZ RHTNQ FLSAO FPPRW QETQW EINWC
GWTRW VNAKN ORHGY KRTEB XTJGX MMJGM MSZYU MJSQP FQEGR GNPRV CECTO UANUH ZWRFQ CKDNL FGYUD
GOHCI IJLYG BILXF FHUGM JQDRV RPVQE SDNIU TZJCI VIXRI OLSKU YNKSJ ZUCDM FYDYW PLOZK DJOMA JHVJZ OXUFV
DOETH UUHRH JGSRV GFHED NBGYO ETFRA

Message #3:

Kriegsmarine 4-rotor (M4)

BRU 1513/ 24 002 98

SSAE AFUR UIWV BCKC FVXP VVGF JJEZ XZXD XLEDE IHHW XBJY AXWY WDXU TMCK QRJC YUOO QLWC AMUV DUEX GDIO
MMFJ OXNW QVUN QNRU AZZD QTKE LHYI PDL5 YIMO KQXG XABO PHQN EWGQ LDZX ZHXF QHFX PZYR ELMR GDFR
JIEX BEUV JGXQ LHUU YJLV YIBR PVKZ ADHQ BDDI CDGS AQFQ FCMH QZZF YUNW IEXF ICEJ ONNS ZHLD HLDP ODWY
LOAT TDVL DBIA ACYG YVVA JCWT XETJ PJTG OVZI TQSG OAJX XNRJ XLKW LUFO FIRC MNWU TONG LNIF KZSJ CVEK OEXI
ZMSZ CFCM GABL JGDF UOXZ JGNI ARNK EFGX VPRQ WDRD UVCU KOR SLQO JAGU LZXP HKMC QOFU AKEB S5AE AFUR

Quotation:

Only the dead have seen the end of war. – Plato

Photograph: Charter Member of the Enigma World Code Group and world-famous Enigma hunter Tom Perera (left), and his son, Dan (right), man their booth at the 2017 Friedrichshafen Crypto-Conference in Germany. This “All-Things Enigma” conference/sale/forum is the world’s largest. From left to right on Tom and Dan’s table we see: Russian burst encoder, a working 3-rotor Enigma, and three Russian radio power supply units.

