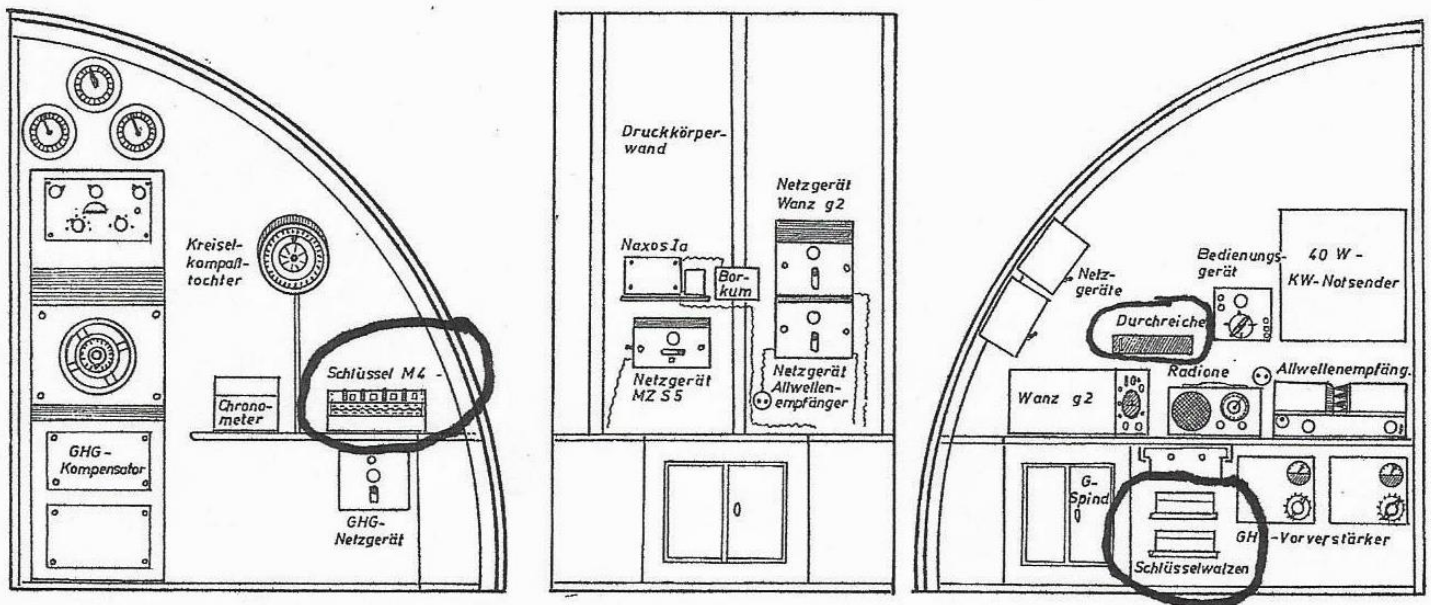Hello to all of my Enigma World Code Group friends,

Here are your November/December practice messages to finish-off the year 2016. I hope that you all have a joyful holiday season.

One of our long-time members, Franz von Habsburg, sent me an interesting email the other week. It seems that Bletchley Park is setting-up a for-real cryptography college right there on the Park grounds. Check the link at http://www.bbc.co.uk.news/education-38065563. Thank you, Franz, for this fascinating little gem!

Enigma research is really fun! Do you remember the September/October Newsletter? I included a line drawing of a Type VII C 1944 Listening/Sound Room. In the Listening/Sound Room, I circled the 4-rotor M4 Enigma machine (which was shown in the Listening/Sound Room, not the Radio Room) and two "Schlusselwalzen," the boxes used to carry the extra Enigma rotors not in use.
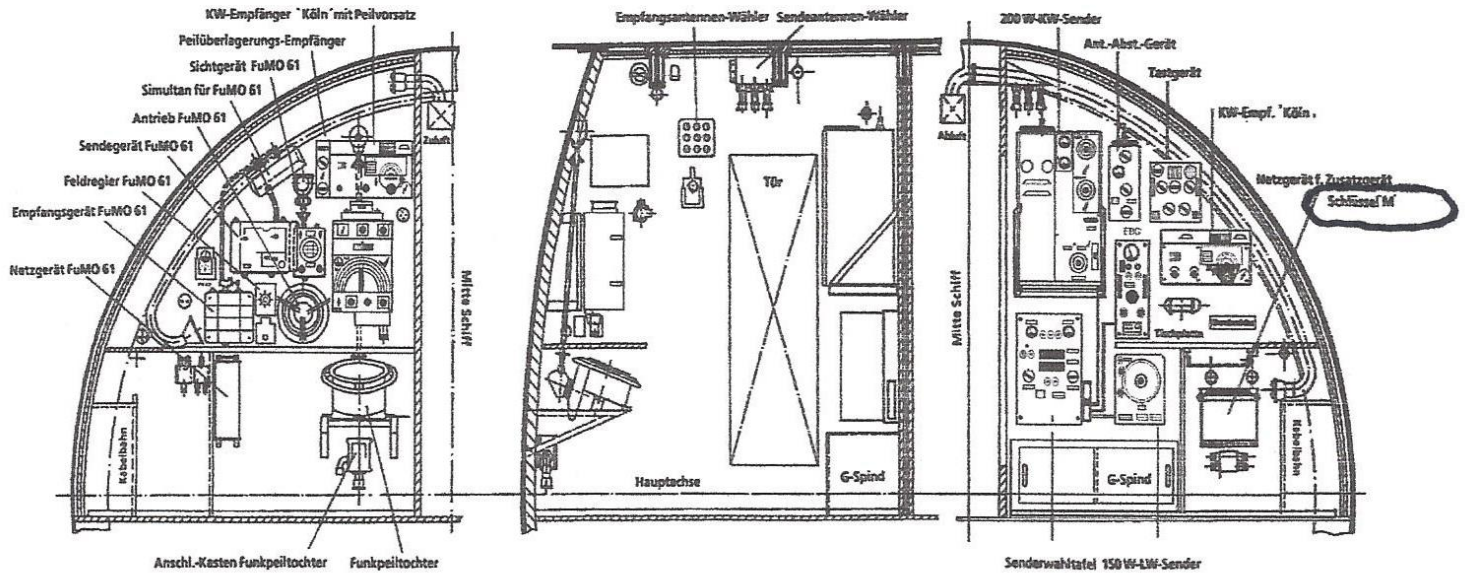


Einrichtung des Horchraums von U 231 (Typ VII C) Anfang 1944

Bis 1942 befand sich der Allwellenempfänger an der Rückwand und stand die Schlüsselmaschine an der Durchreiche.

I reasoned that because there were two Schlusselwalzen, therefore there must be two Enigma machines on board the U-boat.  But in researching another matter, I came upon an equipment list and a line drawing, here again, supposedly for a Type VII C 1944 U-boat, this time showing the Radio Room.  And guess what's listed in the Radio Room?  Right, the Enigma machine! (The line is not pointing to the Enigma machine.  The line is pointing at the "Netzgerate fur Zusatzgerat" [power supplies for additional equipment] printed right above the word "Schlussel 'M'" [Cypher Machine M = Enigma].  Presumably the Enigma machine is down there somewhere.  It is not drawn-in!)



Einrichtung des Funkraumes (Typ VII C) Anfang 1944          DJ9 BW 06/03

And even better, the equipment list shows that two Schlusselwalzen "Transit cases for code drums" come as standard equipment for each (singular!) Enigma machine.



CIPHER MACHINE

1   Cipher code keyboard „Schlüssel-M", consisting of:

1 - M 4 "ENIGMA" Keyboard in transit case
1 - Tape Recorder
1 - Switch Panel
2 - Transit cases for code drums,

Isn't Enigma research fun?  Just when you think you know something, you don't!


**Message #1**

Use my U-571 codesheet for May (Mag) 27, 1944.

2045    1tle    1tle    102    REQ    TAQ       No Kenngruppen.  Start decrypting with, "DUW. . . ."

DUWFH FXJEE UCWGP MZVQV SCJCH NQMGE JWHXI QNUCHTU HHOQF BVXGZ WUXPX IVNRD LWKDO UDVPK BHLYY SUIPE TKOCS UKAIY XSNGN LLJXM

**Message #2**

Use my U-571 codesheet for May (Mag) 25, 1944.

0930   1tle   1tle   285   LAN   WRO     Kenngruppen in play.

LPWBC VKFUG XXVEP VOBOI HYWME OWTGN TABTJ RHYWV FFFWA VXKSWTX OOAGD ZMYFS LQFJP MYNCK JRDZX AHEJR NLRNY FROHB GJSKP UWIEV TCXSL KQOXU YFFOM GTRYS VJRWM DYJAO KHDOR ONDCB MCZMW PLYBD RGASW JAUPI XBFMV CQKGT ACIHK WBMWV WSTRB KHBMG WHSOJ JQFJY NVRBJ QJBPK AQJUS EAYCW NMFLD JYZBF JMDIF RXXSJ IFXAA UXJSW HNLGE BMFTW IKXSQ ENUCT OXTII FYTBQ HUGEF SYMCW BZVYL

**Message #3**

Use Kriegsmarine M4-UKW = C

16th day of the month

BRU   0900   16   001   60

DIAG SGTO DZGZ AXKA NWIL MXDZ UWAM XJVW ZELAZ XPXT AMDY PAOO FWND GAMB YWUH DWCA CAMO QQTV IMAS BLYA OXVM BZCQ TGRJ JXGR IIPZ TFOG LIXW RVSH WZMB PXQH TJVF NGNO DSEA NFKG QFYZ LRBF JUUE DOGF LSJL QIEV HPRG GLZA ZLUN GBUX DRNE BNPK FCLQ TVMG YHFJ DXKA DOYE MPMA QNAD XRLS BIYKF VCBF EQKI GJWJ NXKF EPNL DIAG SGTO

**Quotation**


To arms! to arms! ye brave!

  The avenging sword unsheathe,

March on! March on! All hearts resolved

  On victory or death!

      --Rouget De Lisle, *The Marseillaise*


(photograph below)

## Photograph

This M4 Enigma machine recently sold for $463,500. Isn't it nice that we have such an excellent simulator from Dirk Rijmenants for the Enigma World Code Group to use, and that ownership of an original Enigma machine is not a requirement for membership in the Group!