

Enigma Cipher Challenge

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The challenge

Working with the Enigma cipher machine is not that hard. At least, if you have the secret machine settings! What if you were a codebreaker at Bletchley Park? What if the lives of many people depended on your skills? Do you have it in you, to break the code? Well, this is your moment of glory...

The Enigma cipher challenge gives you the chance to show your code breaking skills. Anyone who is interested in the Enigma machine can join the challenge. You don't need to be a professional cryptologist or math geek! There are ten messages or stages, each one a bit more difficult to solve than the previous. You can use the [Enigma simulator](#) (see image) or any other correct working Enigma software to decipher the messages.

You'll need a bit of logical thinking, some patience and a bit of luck. Of course, you will have to translate the German language message, or did you believe the Germans wrote their messages in English? Don't panic! You don't need to know German or be a polyglot. You can [read these translation tips](#) and find all you need to translate the messages, and/or use an on-line translator. For more info on how to use the Enigma machine, please read the [procedures page](#).



*** LATEST NEWS ***

- Oleksii Sylichenko from Ukraine is the 80th participant to decrypted all messages on October 27, 2022 Congratulations Oleksii!
- You can still participate in the Challenge! Your codebreaking results will be listed below in the [All-time Table Of Honor](#)
- 334 codebreakers from 42 different countries have already joined the challenge. You can join them!

Your task

It's your task as codebreaker to decipher and translate the messages. I don't ask for a perfect English translation, but the content must be clear and usable to our SIGINT Officer ([see also translation tips](#)). Of course, I cannot accept errors on important parts such as grid numbers, names of places etc. The stages have to be solved one by one. I tried to capture the most important moments of the war in the ten messages. You might find help or clues in your WW2 history books or on the internet. Googling around on names of operations, people, units or boats that appear in the messages will bring you some amazing wartime stories!

Important note: to simplify the key identification, the challenge procedure does not use Kenngruppen in the message.

How to participate

If you correctly decrypted and translated a message, you [submit the solution by e-mail](#). Any message is only accepted when you solved all previous messages correctly. You can send multiple messages together, which makes the registration easier. Your position in the table of honor depends on the number of deciphered messages.

Important Note: It is not allowed to publish or distribute the copyrighted enciphered challenge messages or their deciphered version on the Internet or anywhere else, electronically, in print or in any other form, in order to preserve the value of current and future challenge table results.

Finally, what can you win? The respect of your fellow codebreakers, the gratitude of our boys in the frontline, and a place in the Table Of Honor!

ACTION NOW !



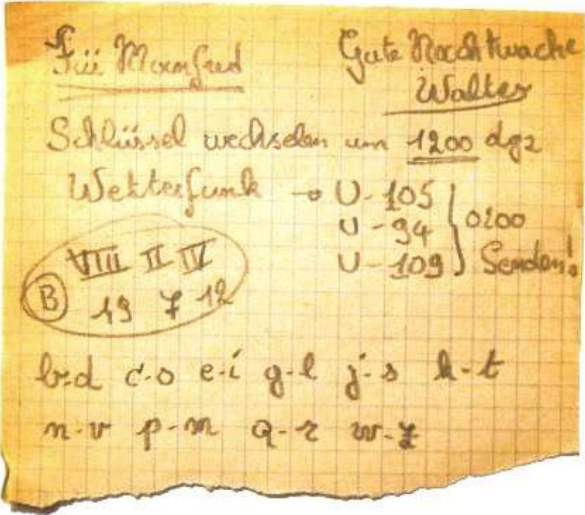
Table of Honor

Message 1 ▲

May 10, 1941

Sir, we have received a message from our Y-station in Scarborough. They intercepted this U-boat message in the North Atlantic. Harry Hinsley tipped us off that those weather ships probably use the same code books as the U-boats. Well, last week, we had a stroke of luck. Our Navy boys captured some papers on a German weather ship, the München.

Here's the sheet we found on the München. Seems the Officer made it a bit easier for the radio operator on the night shift. Let's hope they keep making these security mistakes! This should be an easy one.



The message, intercepted by our Y-station on May 6:

```
U35 DE W7 0630 = 46 = WTG PLT =  
  
MUUQ JZVQ LORV MCOL YKXE  
PMCD CWGH NTQV MEHG ECOE  
ULBU LBOC ZPGB IXIF WCYX  
ZKZK LYAE VCJD GXJZ QKQG  
VXSO RRQN ZMAT PZDO EXIT  
XFIU VJFI ZUAY LIJW VVGF  
YXGR DQKA GUUW BNUU OUXQ  
QUCK KUXP TYUI IXPA YXRL  
TZPZ QRNL OPAO DDUS VFWM  
ILZE OBVO PIPW HXVY ADCO  
RXPI IEUZ VTXB RJRE CTGL  
CPKQ AJDA MI
```

I hope the captured papers can help you, Sir. Good luck!

Message 2 ▲

June 20, 1941

We have good news from the SOE team in Norway. They managed to infiltrate in the German Mountaineer Corps. Apparently, they are preparing for something big. The SOE team has located an Enigma machine over there. We have received a message through the Norwegian resistance. We now have the plugboard settings and the wheels used. Unfortunately, all wheels were extracted from the machine. We have one big clue: Three of them are not zeroized, so these might be the used wheels for today. If we can find out the wheel order, we may have a chance on the intercepted message.

The message from our SOE agent:

```
FM SPECIAL OPERATIONS EXECUTIVE NORWAY  
TO SPEC LIASON OFFR BP  
O 2011458 JUN 41  
MSG 005/32  
  
RECOVERED ENIGMA SETTINGS JUN 20  
  
THE NON ZEROIZED WHEELS IN THE BOX ARE I(7) III(25) V(3)  
WHEEL ORDER UNKNOWN  
B REFLECTOR STILL IN MACHINE  
CONNECTED PLUGS BL CK DG FP IR MO QW ST VY UZ
```

The message, in two parts, picked up in Kirkenes, Norway:

```
ABSENDESTELLE : LII ARMEE KORPS KDR AN 2GD KDR  
  
FUER 2GB 1840 - 2TL 1TL 182 - XLT VPM -  
  
RGOXT IVDHR FWGIK PUKXK CTISB  
GRIKM MYAAA SMQFH ZGLBU ZGOFG  
MGOJF BOPYU KMPXK VGIBT FYGKO  
LISPX CLRRE QXOUQ OMXIJ OKWVQ  
NHHQX SYCOJ QGYDU NTPMI LYDOO  
BPLFV JQTIZ FHHUM GXACF TTHGI  
SJHXS RNOPP CCMUA CJFNV VUBGV  
QFDET VS  
  
2TL 117 - HNB SFA -  
  
NGWTV VGTHG ZPOGF EXSWN FKSXH  
POJCM PGHLL CAJCP UVIQU UZLQW  
AVOTS CPZFA BNUOR ZZAFM CJPGP  
TGTDR GWTZA XNQRY JCBMQ ZVCQU  
CQOCO JGNYN UCAVO MA
```

With the correct wheel order we should be able to break this one, Sir.

Message 3 ▲

November 25, 1941

Sir, I think we're on to something. Our listening station has intercepted a radio message. According to the direction findings, it's broadcast from somewhere around Kiel in Germany. We believe it comes from the U-boat shipyard. It's a Wehrmacht message. We have already broken the Wehrmacht keys for today, but we still have some problems with the plugboard settings. I believe you're the right person to figure this out.

The Wehrmacht keys for today. Unfortunately, we have one plug connection missing:

```
Wehrmacht setting for November 25, 1941
Rotors   : III - II - V
Rings    : 8 - 19 - 3
Reflector: C
Plugs    : AL FP HX JO KT NV QR SU WY
```

Here's the message from Kiel:

```
UBB DE GWK 1520 = 57 = AST SGT =

ZJTPL TJNET NLLGO PQVSW XSRHC
OSHUT FGUSH HTVPO UMBMV GKLA
FDUBN UVCUV POCFJ XDMIQ CCAUC
BQOKP HUMCI ZAJVI QESVG CFHDT
ISREH FCMBP JCRTW TTMXC NOIEU
WRPOM CEMSU NBBCT WZZRB LFLUF
IFBMY OYJGX UMNKP TCQHT GYVWS
QDFFM SWVEC IDWIL ZBYLI PRXYI
CFCLP DQZNO ZWSKV NJURT GKMMU
NFPNL EPOFQ LJMED EFNML RRRRJ
YTBVR KBQQG SUWVA WAFUU WFLMP
KPHLD ML
```

Let's hope we can figure out the plug settings. We'll just have to see which letters in the message are wrong. Always good to have an insight on that U-boat yard.

Message 4 ▲

December 15, 1941

We have an incomplete message, on which we have worked out the first two wheels with our Bombes. Hut Six has done a great job on the plugboard. Your job is to find the position of the leftmost wheel. According to the SIGINT Officer, traffic analysis has shown that the message probably was sent from St-Nazaire to Lorient. Admiral Donitz is visiting the St-Nazaire U-boat harbor at this very moment, so this might be interesting.

Here's all we got from Hut Six, together with the partial St-Nazaire message:

ST-NAZAIRE MESSAGE, DEC 15

Rotors

C + II IV I

 ? 03 21

Plugs

BD, CV, EL, GN, IZ

JO, KW, MT, PR, SX

Start positions

(?) K E

 3

Good Luck From

Hut Six

...

KGBJN TWBQY FFJWQ KKCTN ZJVRK
BWPQO FZQTB LCYCM MCWTR XSGKA
WIZEZ KFIMC KPEYB OBUBW VUHBO
BKEGF WGGSQ WUMIO BKHSF TXAGY
XPKAX AOJQJ ANZKZ REKYX TXNWR
HJHST EJAJ5 QFZMZ FLTSE QXBAZ
WDSJR WHVGF KIXLM PUYIN NQSAW
QHXAJ QJCGU CQFII HMAFN AAFPR
ZSMTR KYLUG AOZKY NMXFC HQQEV
MTTIN CHTSW CYCRZ FBKMB VSHEK
XDYCY PWSZJ WZAK IRMSQ DZKTF
DDEUX WKXMN PDMKD RKASA ORATL
JAEHW INMVR SWASF ...

Message 5 ▲

December 9, 1942

Sir, our SOE has received a message from the NKVD, the Russian secret service. NKVD has intercepted a message near Stalingrad, where the VI Army Corps of General Paulus is surrounded by Soviet forces. They are asking our help in breaking the intercepted message. This might be crucial information to turn the tide in Stalingrad.

The Wehrmacht settings for today. We didn't have the message key, so we ran the message through our Bombes. As you can see, we failed to resolve the rightmost wheel. Since it's a Wehrmacht Enigma, we can only choose between wheel I, III and V. We're also missing the ring settings to that wheel. An error on the rings can result in unreadable text after an initial good start, due to a wrong turnover point. If so, the ring should then be adjusted. I believe the message comes from the Oberkommando Der Wehrmacht (OKW), so I'm guessing, well, and educated guess, that the message could begin with "VON OKW" or "VON JOKWJ". If this is correct, we have a great crib to find the rest of the message.

```
Rotors   : II - IV - ?
Rings    : 9 - 2 - ?
Reflector: B
```

Start position: E - F - ?
Plugs : AS CK DE FV GJ LU MM OT PX RZ

The message, intercepted by NKVD:

...
ACINZ CRVFJ RPETN UGAVD ZIHXF
WTPKK TTVXZ JTAYN XROMA JKKEI
WUXTN HFCMZ PUUYV PKILQ YBYRD
MHFBM HPGYL CEIJU NMMGQ OKGFM
DLGJW BQBZB VADTS UMHGX ZRFUX
WQHTT RHYPT PJZRO FTCNM XCKSD
DNHIW YSUGQ RZUIY IUOTO ZPQRT
CXVQX PMZGJ BNLHX ULWLU NLWPW
NTONB QUFMM IKNTV WNK ...

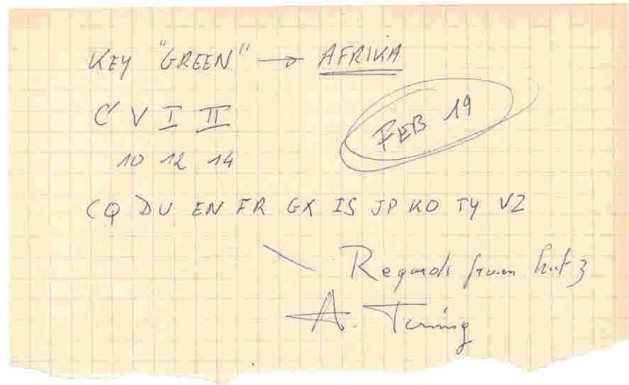
Could this help the Soviets beat the Nazi's?

Message 6 ▲

February 19, 1943

Sir, we received an urgent message from our Special Liaisons Unit in Tripoli. You know that Montgomery's 8th Army took Tripoli last month. Rommel's DAK, the Deutsche Afrikakorps, has now been cut off from its main supply. This could be a turning point. Therefore, the deciphering of all DAK messages has priority. Our colleagues have set all their efforts on breaking the German and Italian codes for Africa, and with success! We got into the DAK message traffic.

This is the note on the African keys, from Hut 3:



However, we also have some bad news. Our Y-station, attached to Monty's HQ, had a really bad radio reception. The result is quite disturbing. We lost some pieces of text, and worse, we lost some parts of the message keys. Maybe a Herivel Tip could be useful? But that's where you can earn your stripes, Sir! We've marked all missing pieces with an equal sign. Don't forget to skip then, while deciphering!

ABSENDE STELLE : 21PZD AN OKW

FUER WSTF 1840 - 3TL 1TL 250 - ACE =WE -

OLDTO GVQQY DCOZN NVJMD FJIOC
JV=AZ MZJRE GORDI VNYRF TUAZS
RUDPO HMZRL LKHM CJKUR YRJMR
TXMGA UJMKG IENYA ZKXSS OTGWO
DHUQP YILYG CSJHV QNLTJ ITWQY
XBFNA GTSWM XJTSW OTVMG HVDZB
SQBDL SH==E ZUHMP GGGMX HIJFY
IHWBJ WJAKO TCOKO VCPNR QJPKN
IRPYP TFWPB MUPHO HPITR KRQNA
OYHHS BYPBB XPKAF =JIFX GOUNZ

2TL 250 - SED A== -

DQHFX QVZSX RJJYJ KKGWU Q==IU
LIXBO EMFQX AALQX CUYKO KPPVV
SGVBG RUAEER DDOFA OMCGP PCUSW
IQQKK EHGXO CVYFQ TZICT JKQOF
QQJLH DXMDX TKCTC IMI=H YKJQQ
IDEGK RAXQT UELIS PWGJC OGHES
ZBILO ULSLS OKVIO LHZSR HEXUJ
AYITW DQNKO HVERX WNMJZ TBSBP
SMMCM TG=== UIZKN VDWDD VEHHN
EUPCN GJDLN DOZXS VZBYD UPTCI

3TL 112 - HIP PYX -

DQC== =THQP LAEIS ZHDJE OFQVA
AXXWN GUTIM MXSNA ORBRO WKDTH
MOCUI MZJNZ SWTLU OYCAQ XAKGD
AMVWS GFYMF PFJXH GCHAS LLHIM
OMSZE ZBRLL JM

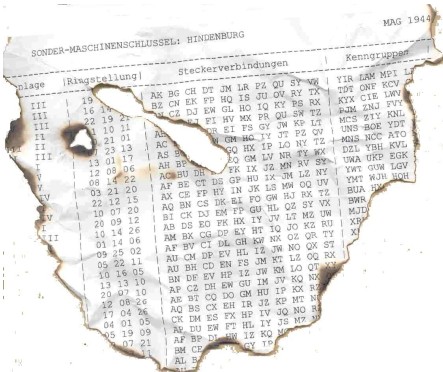
And Sir, it's urgent, could you get this finished by yesterday?

Message 7 ▲

May 15, 1944

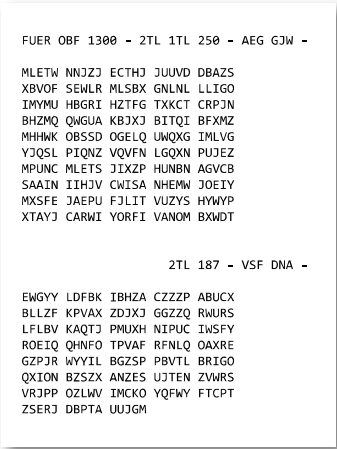
MI5 has requested to keep them informed on the results of Operation Fortitude, the deceptions for D-day, to check if the Double Cross system pays off. Operation Quicksilver, with its fictitious 1st U.S. Army group, is a key element of Fortitude South. SIGINT has reported a rise in some French message traffic. According to their direction findings, it's probably from the German Army Group West. Curious what they have to say...

Sir, this is what we're facing: The key for today is still unbroken, but last week, a Special Operations Executive team in France recovered a Wehrmacht code sheet, that should have been destroyed by the operator. Well, you would be surprised what you can find in a dirt barge. You should be able to deduce the plugs and rings for May 15, knowing the structure of a code sheet. Too bad we don't know which of the five Wehrmacht rotors or reflector were used.



Click to enlarge the code sheet

Here's the message, Sir. Enjoy the night shift!



Message 8 ▲

December 12, 1944

The 1st Canadian Army has finally cleared the Westerschelde, opening the ports of Antwerp to our supply ships. Although the supply situation is a little better, all Allied forces are now spread all over France, Belgium and Luxemburg. This could weaken our troops, while German forces are drawing back behind their borders, concentrating their troops and supplies. They also switched more and more from radio to telephone network to communicate. This mean less intercepts and less ULTRA information for Special Liaison Units. Each intercepted message can make the difference.

At 0900 hrs, U.S. 2nd Division has found an Enigma machine in a German Signals Truck near Sankt-Vith in Belgium, destroyed by our airplanes. The machine was still on key, but its plugboard was badly damaged, and missing some plugs. This is all we got from them:

TIME FILED	1245	MSG NO	121027	BY	CLARK
B-IN 22/43				MESSAGE	(CLASSIFICATION) SECRET
NO	027	DATE	DEC 12		
FROM	US 2 DIV	DISTRIBUTION	TO ALL	+6	
REP 5/3/09					
MACHINE SETUP					
EXTERIOR // BM DV KT LN RS UP XZ					
INTERIOR // - LARGE WHEEL MARKED B					
- OTHER WHEELS (LEFT TO RIGHT) 2-1-3					
- DOTS ON WHEEL RINGS 26-3-16					
MACHINE HANDOVER TO 62 7TH					
S2 // 2 DIV					
TOP SECRET					

This is one of the few messages, intercepted today.

ABSENDE STELLE : AG/W AN AG/B

FUER BFB 1300 - 3TL 1TL 250 - BKL UPR -

STIAZK QGEML IVDBI YWAKC AMPYK
CFLOP QDCWP VNHITC WAYWK BRUJA
VGRYY CISIJ ZSGRM TZEKG EQLWU
XIXYP MQLUH ODQFP NRKBZ DISWX
PHYDB NEQHJ UZJRZ FWMWV TGIXF
SFCQI BVMHG ENWKN KYXMQ RYSMA
WCBWV FHYPN WJEBV YBZEZ RCUFZ
YLIFFF JCQFK GOGBY GXMDJ LUJMM
KZDLN NNJIY EAOYU VDFRF CCUVP
WYPJH WFSGG RLXQD FFOKL SKGXZ

2TL 250 - SPL BKK -

YNDXI HNTJY ETDDJ VBPCA PORBP
PASUK HYHTH ETMFG JNPWF WAMEB
FIKQB ZGGFZ ZXJMU YNJDW XJXZD
MEEVP YRDGP YMAWV TWHUG DQZTM
JWKYQ RDQXK VGTZY IIMPB VDJPQ
VJLOI OSXQE NZZHC NTWCQ YQYMH
COXPN TDXTM ZWABT WRVYI GMJEI
CMHXM HEITF PKXEF WMICO VTIVI
BIEAC PFVXZ ILJXW TBRVB EFENE
WQZTC CDMWV WGLDZ TXGUD JWSTR

3TL 137 - DVB LTK -

BKWQ ICHPW RRYJD AXQEI QJKQQ
YMLTP VAKYC JZZTD AODOL STOKL
SSXJR TQCKI KGRRD RJZYZ WJJP
ABZJE OWGRU KLASP PBMKZ BJRHI
OKPAK YFZPC OUAAX DMZQM TLDFN
NKEZD GRNUZ QA

Message 9 ▲

December 28, 1944

I think we're on a turning point, Sir. The U.S. 7th Army has reached the Vosges Mountains. If they can go on like this, the German troops will soon collapse. As they are drawing back, German troops leave all kinds of equipment behind. They seem to be in a hurry. They didn't even had time to destroy their secret documents. We have put our hands on a Wehrmacht code sheet, containing today's key settings.

The key settings, delivered on a silver plate, with many thanks to the fleeing German elite troops.

| 28 | C | IV III I | 07 24 15 | AT BG DV EW FR HN IQ JX KZ LU

General Patton would appreciate all information, useful to his 7th and 3rd Army. If you break this partial message, this could be a nice Christmas present for the battered troops, stuck in the snow and cold.

...
INAVH YMVHI AGMJO PKVJH SGJYY
KNHLF KRZWH WLAKK EGGHZ FEAUV
VIDDS YYVEY QFQJP VYHLF UZESA
OLGNH TTTTB DZJVO AGEAW HBBWC
ADYYT HSLRX MPEDI CATSM ALBZY
LBPZM QDSXZ HPFSX VYCBK GEBTG
QGZII DQJDB YDACS WJGXU CUXLT
RTMZH HMXZP ESSYE EPFCQ AOWOS
PLUZO CVOKY JXCPY GNJHS PNCFS
WTLML SGACQ BSUTP SAVGU YFVKS
UBSQE GVZKV NRLFV IXZQW FKSXC
PPFRI MWQHT QSB...

Message 10 ▲

April 29, 1945

Well, Sir, I think we won't have to spend our summer vacation in Bletchley Park. U.S. troops are at the gates of Berlin. The Soviet army is already engaged in heavy fighting in the Berlin streets. I wonder what our friend Adolf is doing at this very moment. He's probably doing it in his pants, in the Reichskanzlei Bunker.

But work isn't finished. SIGINT still intercepted some messages from Berlin. I have a message for you, a long message, and they even didn't bother to divide it into parts. They must be desperate, those Germans. Well, so much easier for our statistics guys. I wonder why, and to whom, they still want to send these long messages. Very strange. I'm curious as to what they are doing over there. This is probably one of the last messages sent on an Enigma machine in this War. One last effort, Sir. No key sheets or setting this time. If you break this one, you're an ace in codebreaking. Good Luck!

FUER ODES 2155 - EDF GXT -

KYYUG IWKSE YPQDF YPIJN TGNDI
AHNBR OXDIK EKPTM OUHBE JRRJP
VBAOC UZRDF SAZDC NUNNM RPCCM
CHJBW STIKZ IREBB VJQAX ZARIY
VANIJ VOLDN BUMXX FNZVR QEGGY
XEVVN MPWVB SKEUT JJOKE BKLHI
YWGNI FPXKI EWSNT LMDKY IDMOF
PTDFJ AZOHV VQETN IPVZG TUMYJ
CMSEA KTYEL PZUNH EYFCL AADVP
EEXMH QWVAV ZZDOI MGLER BBLAT
HQJIY CBSUP VVTRA DCRDD STYIX
YFEAF ZYLNZ ZDPNN XXZJN RCWEX

MTYRJ OIAOE KNRXG XPNMT DGKFZ
DSYHM UJAPQ BGANC RCZTM EPXES
DZTTJ ZGNGQ RKNKC ZNAFM DAXXT
JSRTA ZTZKR TOXHA HTNPE VNAAV
UZMHL PXLMS TWELS OBCTM BKGCI
KMDPD QGCGZ HMIQC GRPDJ EZTYV
DQGNP UKCGK FFWMN KWPSC LENWH
UEYCL YVHZN KNVSC ZXUXD PZBDP
SYODL QRLCG HARLF MMTPO CUMQO
LGJJA VXHZZ VBFLX HNNEJ XS



TABLE OF HONOR

Jean-Francois Bouchaudy won the Challenge on May 2, 2006

You can still participate in the Challenge! Your codebreaking results will be listed below in the All Time Table Of Honor








Codebreakers	1	2	3	4	5	6	7	8	9	10
1 Jean-Francois Bouchaudy	20.04.06	20.04.06	21.04.06	22.04.06	22.04.06	28.04.06	28.04.06	29.04.06	29.04.06	02.05.06
2 Keld Helbig Hansen	28.04.06	28.04.06	28.04.06	29.04.06	30.04.06	30.04.06	30.04.06	30.04.06	30.04.06	
3 Jakub Stepniewicz	21.04.06	22.04.06	22.04.06	22.04.06	22.04.06	28.04.06	29.04.06	29.04.06		
4 Torbjorn Andersson	23.04.06	23.04.06	23.04.06	23.04.06	23.04.06	01.05.06	01.05.06	01.05.06		
5 Michele Denber	21.04.06	22.04.06	22.04.06	23.04.06	24.04.06					
6 Jason	23.04.06	23.04.06	24.04.06	29.04.06						
7 Hindrik Deelstra	21.04.06	22.04.06	20.04.06							
8 Daniel Foerster	02.05.06									

[Back to Challenge](#)

ALL-TIME TABLE OF HONOR

This table contains all code breaking results, registered during and after the Challenge.

	Message 1	Message 2	Message 3	Message 4	Message 5	Message 6	Message 7	Message 8	Message 9	Message 10
1	Ole Artvig	Daniel Foerster	Hindrik Deelstra	Jason	Michele Denber	Halon	Jan Koslowski	Jakub Stepniewicz	Keld Helbig Hansen	Jean-Francois Bouchaudy
2	Brandon Zickerman	Anil Bolayir	David Bellinger	Joerg Uhr	Jason Milletics	Daniel Albertssons	Alexander Van der Cruysse	Jeong Ho Seok	Torbjorn Andersson	Olaf
3	Vladimir Kafra	Andrey Salamatini	Philipp Antares	Martin T	James Michael R.	Barbaros Oezdemir	Samuel Zara	Jean-Marc Devroye	Dick Meppelink	Jan Dvora
4	Erhard Dücke	Walter Bjorn	Krieger	David Whitaker	Steve Mundy	Fergus Mason	Juergen Steenken	Yoran Zonneveld	Brent F.	Heinrich Ju
5	Josef Weber	Roman Dvoynev	Bodo Herold	Serge Claessens	Meir Kalter	Terence Dalton	Dietmar Sternad	Jos de Buijn	Bart den Hartog	Allan Youn
6	Patrick Hochstein	Ratkai Tamas	Florian Howald	Toomas Bjorck	Alan Jacklyn Wu	Philip (G0ISW)	Bruno Kayaert	Ennocent	Cristian Moldovan	Christian Fib
7	John Morehead	Alexander Pukall	Trevor Milner	Dietmar Sterad	Adrian Chitan	Martin Mueller	Alan Coggins	Hans Nobbe	Joe Nickerson	Jarda Benkovsky
8	Andrew Corl	Edwin Donders	Frederik Brunkwall	Philipp Overbeck	Ulf	Matthias Hess	Felix Ponnighaus	Czeslau Barczak	Victor Bunchukov	Thomas Mue
9	Mario De Witt	Jens Frieze	Manuel Kamper	Mats-Ola Ekberg	Charles Perko	Daniel Palloks	Massimo Joerin	Jim Gilbert	David Link	John Angu

10	 Esben Føllesdal	 Hugh Gibson	 Jan Solnicka	 Tysger B	 Matt Beard	 David Beattie	 Angel Saavedra	 Zdenek Berka	 Trond Rogn
11	 Vincent Gillet	 Todd A. O'Brien	 Fred Braaksma	 Sammy Stoney	 Burbon	 Olaf Bühler	 John Allard	 Maraz	 Thomas Koe
12	 Ralf Schmoll	 Stephan Keller	 Traugott Vitz	 Matthias Schläefer	 Franz Haider	 Thorbjørn Michel	 Jon Cuneo	 Frans Lategan	 Dan Girard
13	 Ruxiao Ma	 Frank H	 Dirk Blondeel	 Shawn Bresnahan	 Dave Goodwin	 Arnault Freymond	 Krzysztof Mrocza	 David Carpenter	 Rudi Franke
14	 Bo Whittemore	 Salvador Busquets	 Gabriel Ortiz	 Edu Canals	 Doug Beck	 Paul Ferris	 Gabriel Vistica	 Jesse Mawson	 Javier Marcos
15	 James Keener	 Walter Kissel	 Andreas H	 Shawn Cook	 Piotr Rokosz	 Christian Siebert	 Max Murdoch	 Dan Goldsmith	 Lubomir Neraj
16	 Matthew Yaychuk	 Simon Keller	 Rainer Fleischmann	 Simon de Vries	 Sam Kennedy	 Lopo Metello	 Frank Gawlik	 Thomas Ferguson	 Frank Inklaar
17	 Rick B	 Michael Kummer	 Hansjörg Rorer	 Hennie van de Vis	 Erwin Jonkheijm	 Arne Munch	 Viggo Worsaae	 Patrick Jennings	 Rafael Padierna
18	 Jorg Wandel	 Phil Taylor	 George Samorodin	 Harold Timmermans	 Pablo Merighi	 Jason From	 Cory Friend	 Dave Morgan	 Christian Fiebert
19	 John Drake	 Sebastian Lazowski	 Steve Boothe	 Richard van Duivenbode	 Sven Röser	 Richard Stevens	 Derek McRiner	 Mattis Haase	 Klaus Beck
20	 Graham Cotterill	 Chris Koalateem	 Julius Kompas	 Jan Jusseit	 Udo Schmidt	 Abhinab Das	 Ken Prescott	 Daniel Bradley	 Martin Eklund
21	 Jason Kirk	 KMV	 Leszek Jakubiak	 Fynn-Louis Osenberg	 Tobias Zehnder		 Claudio Zanzi	 Harro Nehlsen	 Jerry McCarroll
22	 Shin Hyun-Seong	 Stephanie Gutiérrez	 Tebis Llobet	 Ivan Snoeckx	 Alexandre Mayerle		 Peter Thörn	 Phil Burgin	 Michael Kaiser
23	 Kim Jaehyun	 Henry Roberts	 Zbynek Zelenka	 Stan Rooijackers	 Marek Gajda		 Alex Jakov	 Roger Perry	 Hans Nelissen
24	 Ronald Frank N3HI	 Cameron Jenkins	 Willem 214	 Gary Mansfield	 Wally Merrin		 Ernst Genser	 Paul Martens	 Gerrit van Woerkom
25	 Yoga Raditya Nala		 Jakub Knejp		 Stephen Bopple		 Clemens van Santvoort	 Anthony W Bovill	 Andy Ashworth
26	 Maxime Deryck		 Pau Pascual Nicolás Gonzalez		 Joe Gavin		 Paul Burridge	 Bert Mulder	 Peter Hendrickson
27	 Michael Feller		 Florian Gwerder		 Park Geonhee		 Tys van Sterkenburg	 James Lyons	 Flynn Hancock
28				 Dave Goodwin			 K.T. Steinke	 Jean-Luc Prual	 Oliver Randscha
29							 Harald Brumm	 Anna Klamm	 Jens Joergensen
30							 Ingo Steinel	 Michal Bozon	 Peter Hard
31								 Alexander Riskin	 Julio Plazaola
32								 Luc Opstaele	 deBart
33								 John Pickles	 Simon Daniell
34								 Matthias Hoffmann	 A.R.Bootsma
35								 Daimon Nomos	 Brian Nea
36								 Mark Lemire	 Gary Knight

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Nikos Kyrloglou



Rafael Pasc

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Onno Kuijl

William & Al
Thomas

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Chris Dermer



Jan Beck

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Harry Brugmans



Urs B

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Henk Nieborg



Karsten Han

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Gina

Klaus
Mohrmanr

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Willie Viljoen

Christian
Gauger-
Cosgrove

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Ed Höcker



George Las

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J-O Ahlm



Markus Fisc

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David Kuehlwein

Stefano
Popovski

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Mr Herisson



Rainer Boldh

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Rolf Schneider



Luke Frec

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Ricardo
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Savas Ikiz



Ivan Kralit

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(UEMJ)

Alain Misli

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Ronnie Tantriady



Valentin-Dar

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66	 Matthias Sch
67	 Marten Hammanr
68	 Ivan Roler
69	 Dave Raetr
70	 Adam R. Cas
71	 García Larra
72	 Steve VA7k
73	 Rene Gneh
74	 Jean Louis Fritsch
75	 Mikael Irrer
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