**Challenge 6A**

[**The**](http://www.cipher.maths.soton.ac.uk/media/com_cipher/scripts/challenge.php?number=4&part=A&ml=1&iframe=1) **Sting**

ICRDV SFSHM RGHCF HPZYS XDRHS VSXFG HCRHN RKFSH RMRPS HRZZF RDFLA YHCSX HCFHP ZFLWF GGRNF GMFZS IUFLJ ZRXLS XHCFH DRXGI DSZHY EHCFD RLSYW FGGRN FZDFH HPJXV SUFVP IYSXI SLFXI FGYSE SNJDF PYJDT JXSYD ISZCF DIVFD UMRGS XKYVK FLWSN CHAFM YDHCI CFIUS XNCFD ARIUN DYJXL RXLAR XURII YJXHG HCRHS GRVVS WFRXH MCFXS GRSLH CFGYJ DIFMR GIVYG FHYCY WFAJH HCSXU SXNRA YJHSH SRWXY HGJDF SHWRU FGGFX GFHYH CSXUG CFMRG HCFGY JDIFH CFWFG GRNFG GHSVV UFFZI YWSXN RXLSR WNJFG GSXNH CRHGC FCRGN YXFGY HCFDF WJGHA FGYWF YHCFD GYJDI FEYDY JDSXH FVVSN FXIFG YWFHC SXNSG AYHCF DSXNW FRAYJ HHCFH YXFYE HCFWF GGRNF GMCPL YFGYJ DRXHR NYXSG HUFFZ HRJXH SXNJG RAYJH YJDRV VSFGS HSGXY HVSUF HCFHC SXNGM FRDFA FSXNR GUFLH YASLE YDRDF HCSXN GMFRD FVSUF VPHYC SLFED YWYXF RXYHC FDREH FDRVV RXPMR PSEYV VYMFL YXFYE YJDED FXICI YVVFR NJFGH YEDSF LDSIC GHDRG GFRXL MRHIC FLCFD HDPHY ZSIUJ ZHCFU FPEDY WVYIU FDGFF WGHYC RKFAF FXRIY XSIYJ VLXHI VFRDV PGFFM CRHMR GNYSX NYXAJ HGCFL SLXHG FFWHY AFRAV FHYYZ FXVYI UFDRX LVFEH YAKSY JGVPJ ZGFHR EHFDG CFCRL NYXFS HYYUR VYYUR HVYIU FDSHC RGRER VGFAR IUGYS RWNJF GGSXN HCFWY XFPMR GHRUF XAJHX YHCSX NZDYK SLFLS XFOIC RXNFI YJVLP YJLSN RDYJX LMSHC PYJDI YXHRI HGSXH CFADS HSGCR XLDJG GSRXF WARGG SFGRX LGFFS EHCFP RDFNF HHSXN HCFGR WFGYD HYEIY WWJXS IRHSY XGWRP AFPYJ IYJVL MRDXH CFWAP HCFMR PLSFR VICFW SGHFX ZDYTF IHMRG HCFIY LFXRW FEYDH CFXRQ SRHYW AYWAF EEYDH SCRLR DJXSX MSHCH CFWLJ DSXNH CFMRD MCFXM FMFDF HDPSX NHYUF FZHCF SDCRX LGYEE HCFCF RKPMR HFDGJ ZZVPD FWFWA FDHCF AYWAS XNSXK FWYDU HCRHM RGJGY DDRHC FDYJD XYDLS IRVVS FGRXP MRPSH SGGHS VVHYZ GFIDF HGYHC FERIH YJDZD YHRNY XSGHU XYMGR AYJHS HSGGS NXSES IRXHS GJGZF IHHCF UFPHY HCSGM CYVFW PGHFD PVSFG SXHCF SDSLF XHSHP SEMFU XFMMC YHCFP MFDFM YDUSX NEYDM FWSNC HAFRA VFHYE SNJDF YJHMC RHHCF PRDFJ ZHYYX FVRGH HCSXN RIHSX NYXRC JXICS HYYUR VYYUR HGYWF YEHCF EDFXI CLFRL LDYZG REHFD HCFED SFLDS ICGHD RGGFS XISLF XHRXL EYJXL HCFRH HRICF LIYWW JXSIR HSYXS CRKFX HCRLH SWFHY IDRIU SHAJH SHCSX USHWR PAFRK SNFXF DFRNR SXAJH SCRKF XHCRL RICRX IFHYH DPARA ARNFG HDSIU YXSHP FHNSK FSHHY PYJDA VRIUI CRWAF DRXLG FFMCR HHCFP IRXWR UFYES HRVVH CFAFG HCRDD P

, key=)

Charlie, it was the typo in “Ratilines” that gave it away. It appeared both in the typed messages we picked up and in the transcript of the radio message. Pretty unlikely coincidence so I figure your “junior cipher clerk” was involved. Might be worth checking her background and bank accounts. That is all I meant when I said the source was close to home, but thinking about it I am not sure it makes sense to think she was the source. The messages still keep coming and I am guessing that she has gone, so there must be some other source for our intelligence. Something is bothering me about the tone of the messages. Why does our antagonist keep taunting us about our allies. It is not like the things we are being asked to bid for are things we are likely to hide from one another after all. Anyway I followed one of our French colleagues to Friedrichstrasse and watched her try to pick up the key from locker 157. Seems to have been a con. I couldn’t clearly see what was going on but she didn’t seem to be able to open locker 157 and left, obviously upset. After she had gone I took a look at locker 159. It has a false back so I am guessing the money was taken but nothing provided in exchange. Could you dig around with your contacts in the British and Russian Embassies and see if they are getting the same sort of communications? Maybe you could warn them.   
  
By the way “Die Alchemisten project” was the code name for the Nazi atom bomb effort. I had a run in with them during the war when we were trying to keep their hands off the heavy water supply. Remember the bombing in Vemork? That was us, or rather our Nordic allies. Anyway it is still top secret so the fact our protagonist knows about it is significant. I suspect the key to this whole mystery lies in their identity. If we knew who they were working for we might be able to figure out what they are up to.   
  
One last thing. Acting on a hunch I took a look at some of the French dead-drops after the Friedrichstrasse incident and found the attached communication. I haven’t had time to crack it, but I think it may be a Vigenere again, but I haven't had a chance to try Babbage's trick on it yet. Give it to your black chamber and see what they can make of it.   
  
All the best, Harry

**Challenge 6B**

Daylight robbery

DYIMX MESTE ZDPNF VVAMJ RNPSG CIGRV VFSIA DICUY OGYFY FMQQI FYFSM LQFXF ZBUOC SOVME CWMDD BNXUE DCIAQ VHFZA GORPK ZCEWF RQJIA NKLQG IYERF XPQAD VPXTO RXTIU AZBFZ HQONB BPSGE PRITE ZYWGL VXDFA GOURA YMBPP SGCIY VZIEN IALVX DFAGO UXTPG OOCMQ GMGRR XFSML MRROS MNDPS GMCGD YIKOW AYKYZ OMECK EZOBU KKCAF KNXFR XJKUO RXUYI TKDIM YLGRZ WUDVB DRKMX MVPPS GEZLD FTXLG NQRQQ ZNPRV WEWQX OPSGC IYVZI EHMJS CPRTV QYLVE PTIOJ MZLAG KCIYL BRIFY TLDRL VIZHI EXVHE ZTRDL WEEIE DRKMT VVMRR XPBLY LLMGM GRVEP OZRCJ SRLVB DYIDD ISOYS GDMND RWYLT YNZWO ZCADF RAFZB BZKUY IYZIM OPIAN ZAUWT VXTPG OMGRV MPPVG SKCAQ IOBZX UDPQY LFXPI TOEXI ZZXSE KUYGB EIIYM IFCPW TLTYG VWMJN BEILG YLEOU XTZCF KEHRC IAMJX AMMCK ZHPTZ RMKPK EWNXR GOZCA DFJYJ KUYFW UYOVP PSGHI ADKSW YWJWF VQLJB EKXTP BEORG TPZLY WCAFZ FYTEX WMQPI MQYLF DYIZW MGEJQ QPBVX KLQAI EUSCF SMOBZ XUDPR WSEED GBXWV UOILK KIXPD RX

, key=)

The Americans have robbed you, rather than trying to outbid you they got to the lockers first and arranged to steal your money and the valuable intelligence I provided for you. They cannot be trusted. None of your allies can be trusted. They believe that they can cheat you, but they do not understand that you can only cheat in a game and this is not a game. If you try to play a game of chess like your “allies” we will find ourselves in a stalemate. You have been warned. So let us start again. I can let you have the address of another safe house at a small discount on our original price, and I will include the identity of a British double agent working in your Embassy. Shall we say four hundred thousand Francs? To be paid directly to an account of my choosing. If you want to know more about the treachery of your so called friends then let us meet in the park by the British Embassy on Friday at eleven.