

Agent X Code Book Challenge

Agent X Code Book Challenge

A very exciting event is happening somewhere in Buckinghamshire this week.

Use the code book to work out what the messages say. They will give you a clue as to what might be happening and where it will take place. Instructions on how to use the code may be found on the right hand side of the code book. Watch out for the HH groups that will tell you how many words to use from each line.

Messages 4 -7 contain words that do not have a code already made up for them so you will have to use the table at the bottom of the code book to decode these words. Watch out for the H L H L (start table) and H M H M (stop table) groups. In WWII agents would have used the table to make up a code for names and locations.

An example is shown below for how to use the table.

Example you might want to put into code the name jon

First small letter j, use j in the first line of the table (though you could use a j anywhere)

Letter L is the letter at the top of the same column

Letter A is the letter to the left of j and in the same column

K	L	M	
A q	A j	A z	
B l	B z	R	

The code for j is LA. This is then repeated as agents in the field would have had crackly radios which were difficult to listen to. So the code for j is L A L A

Second letter o

Use o in the third line of the table (use a different line and column than before)

Letter A is the letter at the top of the same column

Letter C is the letter to the left of o and in the same column

A		
A	i	A
B	e	E
C	e	C

The code for o is A C A C

Third letter n

Use n in the fifth line of the table (use a different line and column than before)

Letter W is the letter at the top of the same column

Letter E is the letter to the left of n and in the same column

W		
A	p	
B	u	
O	k	
D	s	
E	n	

The code for n is WEWE

The code for jon is therefore L A L A A C A C W E W E

Message 7 is the competition question. This competition is open to all UK school children aged from 13 to 16. Work out the answer to message 7 and send it – in plain English – along with your full name, age, date of birth, parent/guardian(s) name, telephone number and full address including post code to:

codechallenge@royal.gsx.gov.uk

The sender of the first correct answer to be drawn from all those received by 18th August 2011 will win a prize.

If you are not eligible to enter the competition, you are still welcome to solve the message.

A		Abandon – operation – and – proceed – immediately – to – safe.....
ACAC		Abandoned – position – due – to – enemy – pressure – and.....
ADAD		Able – to – carry – out – operation – as – planned.....
AEAE		Advise – us – quickly – as – possible – if – you.....
AFAF		Again – soon – as – possible – and – hope – to.....
AGAG		Air – field – at – attacked – with – good – results.....
AHAH		All – arrangements – complete – and – am – ready to attack.....
AIAI		Arrives – at – in – hours.....
AJAJ		At – the – end – of – your – mission.....
B		BBC – message – will – be – sent – to – you.....
AKAK		Be – careful – not – to – give – away – your position.....
ALAL		Begin – operation – at – once – and – inform.....
AMAM		Between – the – following – point – s.....
ANAN		Blue – light – will – be – shown – at.....
AOAO		Breaking – news – please – await – further – instructions.....
APAP		But – were – unable – to – reach – target – due to.....
AQAQ		C
ARAR		Came – to – spot – as – arranged – but – found.....
ASAS		Can – move – at – short – notice – to – area.....
ATAA		Cannot – undertake – operation – due – to – lack – of.....
AUAU		Carry – on – as – best – we – can – to.....
AVAV		Casualties – light – but – much – equipment – lost – in.....
AWAW		Codes – not – understood – please – repeat.....
AXAX		Contact – made – with – friendly – elements – at – given – point.....
AYAY		Contain- ers – safely – received – also – equipment.....
AZAZ		Could – not – hear – you – at – all – because – of.....
D		DF – station – attacked – and – put – out – of – action.....
BABA		Damage – d – enemy – installation – s – at – point.....
BBBB		Decide – d – that – it – would – not – be.....
BCBC		Defended – by – strong – force – of.....
BDBD		Did – not – attempt – attack – on – target – due – to.....
BEBE		Difficulty – of – movement – in – area – due – to.....
BFBF		Does – not – offer – much – chance – of – success – because.....
BGBG		Drop – ing – arranged – for – at.....
BHHH		E
BIBI		E-Boats – attacked – at – their – moorings – at.....
BJBJ		Early – as – possible – so – that – you – can.....
BKBK		East – of – the – point – with – which.....
BLBL		Emergency – has – arisen – in – district – round.....
BMBM		End – of – message.....
BNBN		Endeavour – to – find – safe – house – in.....
BOBO		Enemy – agent – believe – d – to – have.....
BPBP		Events – are – going – ahead – as – planned.....
F		Few – casualties – but – equipment – damaged.....
BQ BQ		Find – out – if – the – enemy – have – abandoned.....
BRBR		Finish – task – and – will – withdraw.....
BSBS		Food – and – ammunition – needed – urgently – send.....
BTBT		For – next – few – days –.....
BUBU		Forced – to – abandon – operations – due – to.....
BVBV		Found – spot – suitable – for – dropping – operation – on.....
BWBW		From – now – on – we – shall – attempt – to.....
BXXB		G
BYBY		Gave – us – no – opportunity – to – prepare – for.....
BZBZ		German – s – prisoners – captured – and – taken.....
CACA		Gestapo – are – searching – for – agents – in – area.....
CBCB		Give – password – as – follows.....
CCCC		GMT – until –.....
CDDC		Go – ahead – with – operation – at – earliest – opportunity.....
CECE		Gone – to – ground – near – target – and – will.....
CFCF		Guard – ed – by – strong – force – of.....
H		Had – to – abandon – position – due – to – enemy – pressure.....
CHCH		Harass – ed – by – enemy – and – am – withdrawing.....
CIC I		Have – arrived – safely – with – all – containers.....
CJCJ		Have – carried – out – operation – successfully – am withdrawing.....
CKCK		Have – spotted – target – and – will – send – full – report.....
CLCL		Help – will – be – needed – in – area – soon.....
CMCM		Here – as – long – as – possible – and – will – not.....
CNCN		Hurry – up – as – fast – as – you – can – to.....
I		I – am – not – ready – to – undertake – operations – yet.....
COCO		I – cannot – attack – target – due – to – lack – of – ammunition.....
CPCP		I do – then – I – will – attempt – to – contact.....
COCO		I feel – sure – that – we – shall – be.....
CRCR		I will – not – attempt – to – contact – you – unless.....
CSCS		Immediately – you – receive – this – message – you – must.....
CTCT		Important – event – will – take – place.....
CUCU		It – will – happen – in – hours.....
CVCV		J
CWCW		Join – up – with – main – force – s – at.....
L		Lack – of – supplies – very – serious – send – reserves.....
CXCX		Land – ed – safely – with – all – containers – and – equipment.....
CYCY		Landmark – features – are – as – follows.....
CZCZ		Large – stocks – of – petrol – and – of – oil.....
DADA		Leave – as – quickly – as – you – can – for.....
DBDB		Link – up – with – force – s – as.....
DCDC		Location – picked – will – settle – in – and – attempt – to.....
DDDD		Lost – most – equipment – need – replacements – or – all.....
DEDE		

M		Machine – gun – s – and – mortar – s – are.....
D F D F		Main – forces – in – area – are – grouped – at.....
D G D G		Maintain – contact – with – us – and – instruct – your.....
D H D H		Make – arrangement – to – receive – stores – on.....
D I D I		Marked – with – white – square – blue – circle.....
D J D J		Metre – s – away – from – target – area.....
D K D K		Mile – s – away – from – the – target – area.....
D L D L		Mine – s – laid – in – area of.....
D M D M		N
D N D N		Near – to – target – as – possible – and – will.....
D O D O		Nearly – succeeded – in – reaching – target – but – enemy.....
D P D P		Need – supply – and – ammunition – urgently – send – soonest.....
D Q D Q		Next – object – ive – will – be – target – at.....
D R D R		Night – attack – will – be – attempted – on – date.....
D S D S		No – further – news – of – enemy – activity – yet.....
D T D T		North – erly – direction – and – will – soon – reach.....
D U D U		Number – s – increasing – considerably – and – position – now.....
O		Objective – s – must – be – attacked – at – once.....
D V D V		Observe – vation – party – ies – report – that – enemy.....
D W D W		Of – the – container – s – were – lost – and.....
D X D X		Off – the – air – unless – you – have – urgent – traffic.....
D Y D Y		Okay – to – go – ahead – with – plan – as – arranged.....
D Z D Z		On – no – account – must – you – attempt – to.....
E A E A		Other – wise – you – will – have – to – try.....
E B E B		Out – of – action – for – at – least – another.....
E C E C		P
E D E D		Parachute – list – s – will – be – dropped – at.....
E E E E		Part – ly – completed – will – try – again – soonest.....
E F E F		Pass – ed – here – heading – in – direction – of.....
E G E G		Petrol – dump – attacked – and – on – fire.....
E H E H		Plan – impossible – due – to – enemy – troop – movements.....
E I E I		Point – noted – and – agreed – for – operation – next.....
E J E J		Prevent – enemy – from – reaching – town – at – all – costs.....
E K E K		Prisoner – s – taken – in – area – of.....
Q		Quick – ly – as – possible – and – keep – us – informed.....
R		RAF – agree – ground – for – operation – s – on.....
E M E M		Railway – line – s – cut – between – and.....
E N E N		Ration – s – short – need – supplies – of.....
E O E O		Ready – to – begin – operation – immediately – on – receiving.....
E P E P		Reinforcement – s – needed – urgently – in – area – of.....
E Q E Q		Remain – ing – here – until – I – hear – further.....
E R E R		Retreating – towards.....
E S E S		Road – s – between – and – are – almost – impassable.....
E T E T		S
S		Sabotaged – telephone – communications – between – and.....
E U E U		Safe – house – found – for – you – in – area.....
E V E V		Sent – party – to – attack – target – at – spot.....
E W E W		Should – we – try – again – or – wait – till.....
E X E X		Situated – by – the – river – at.....
E Y E Y		South – erly – route.....
E Z E Z		Spot – not – suitable – for – dropping – supplies.....
F A F A		Stay – where – you – are – are – until – further – instructions.....
F B F B		T
F C F C		Take – all – possible – precautions – to – avoid – being.....
F D F D		Tank – s – passing – through – towns – at.....
F E F E		Target – destroyed – have – retreated – to – area – agreed.....
F F F F		Tell – all – concerned – to – prepare – for – operation – s.....
F G F G		Temporary – address – in – safe – house – and – remain.....
F H F H		There – at – earliest – possible – moment – and – contact.....
F I F I		The –.....
F J F J		Tomorrow – if – possible.....
F K F K		Troops – moving – from – this – area.....
U		U-boat – parts – being – manufactured – at – factory.....
F L F L		Understand – your – instruction – s – and – will – try – to.....
F M F M		Unless – we – receive – further – instructions – will – not.....
F N F N		Unlikely – at – present – to – be – able – to – attack.....
F O F O		Unsuccessful – but – will – try – again – soonest.....
F P F P		Urgent – message – for – you – and – your – group – s.....
F Q F Q		Urgently – as – cannot – proceed – unless – they – arrive.....
F R F R		Us – whether – you – have – managed – to – contact.....
F S F S		V
F T F T		Vehicle – s – attacked – tanks – destroyed.....
F U F U		Visiting – the – safe – house – in – hours.....
W		Waiting – further – instruction – s – to – carry – out.....
F V F V		Was – unable – to – hear – your – message – clearly.....
F W F W		We – are – ready – to – begin – attack – on.....
F X F X		We – were – forced – to – abandon – attack – due – to.....
F Y F Y		Weather – holding – up – operation – s – at.....
F Z F Z		West – erly – direction.....
G A G A		Where – shall – we – proceed – next – as – we.....
G B G B		Which – missions – have – you – already – completed.....
G C G C		Y
G D G D		Yes – but – take – care – not – to – endanger.....
G E G E		Yet – manage – d – to – secure – position – s.....
G F G F		You – can – rely – on – help – of – groups – at.....
G G G G		You – have – not – answered – our – question – s – about.....
G H G H		You – must – then – proceed – towards – area – agreed.....
G I G I		Your – message – number – received – okay.....
G K G K		Your – message – number – please – repeat.....

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Ai	Ae	Ar	At	Aw	Ah	Ad	Am	Ab	Af	Aq	Aj	Az	Ao	Ac	Au	Al	Aa	Av	An	As	Ax	Ap	Ay	Ak	Ag
Be	Bq	By	Bb	Bk	Bv	Bc	Bg	Ba	Bw	Bl	Bz	Bo	Bx	Bm	Bs	Bn	Bi	Bp	Bh	Br	Bj	Bu	Bf	Bt	Bd
Co	Cl	Cz	Ce	Cg	Cr	Cb	Cc	Cy	Cp	Cu	Cn	Cw	Cf	Ca	Cx	Ct	Cd	Cq	Cj	Cm	Cs	Ck	Ch	Cv	Ci
Dv	Dw	Do	Dq	Dz	Di	Da	Dy	Dm	Dl	Dn	Dt	Dr	Dp	Dh	Dk	Du	Dc	Dd	Dg	Dd	Df	Ds	De	Dj	Db
Eb	Ea	El	Ec	Eo	Ey	Ei	Et	Ef	Ev	Er	Em	Es	Eh	Eq	Ez	Ej	Ee	Eg	Ep	Ex	Ew	En	Ed	Eu	Ek
Fm	Fg	Fv	Fr	Fh	Fq	Fl	Fp	Fe	Fa	Fz	Fk	Fy	Fc	Fx	Fo	Ff	Fs	Fn	Fu	Ft	Fd	Fw	Fb	Fi	Fj
Gg	Gf	Gq	Gx	Gc	Gm	Gv	Gb	Gr	Gy	Gk	Gh	Gi	Gl	Gs	Gj	Gp	Gu	Ge	Gd	Gn	Gt	Go	Gw	Gz	Ga
Ht	Hy	Hw	Hj	Hf	Ha	Hq	Hu	Hh	Hi	Ho	Hg	Hk	He	Hd	Hl	Hz	Hp	Hs	Hb	Hv	Hn	Hr	He	Hm	Hx
Ia	Ip	Is	Io	Ix	Id	Ie	Ik	Il	Ih	Iv	Iw	Ig	Ij	It	Iy	Ii	Ib	Iz	Ir	Iq	Iu	Im	In	If	Ic
Jj	Jx	Jt	Jh	Ju	Jk	Jz	Jw	Jn	Jm	Js	Ja	Jq	Ji	Jy	Jg	Je	Jo	Jr	Jc	Jp	Jb	Jv	Jl	Jd	Jf
Kz	Kt	Ku	Kl	Kb	Kj	Kx	Ki	Ks	Ko	Kg	Kf	Kh	Kr	Kn	Kd	Km	Kq	Ky	Kk	Kw	Kp	Kc	Kv	Ka	Ke
Lo	Lc	Le	Lk	Ls	Lu	Lf	Lx	Li	Ld	Lb	Lp	Lm	Lg	Lv	Lh	La	Ll	Lt	Lq	Ly	Lr	Lz	Lj	Ln	Lw
Mf	Mu	Mm	Mn	Mt	Mg	My	M*	Md	Mj	Mx	Me	Ml	Mv	Mb	Mr	Mk	Mz	Mo	Mw	Mc	Mq	Mi	Mp	Mh	Ms
Nn	No	Nx	Nm	Ny	Ns	Nw	Nv	Nj	Nr	Nd	Nc	Np	Nz	Nk	Nq	Nb	Nt	Nf	Na	Ng	Nh	Ne	Ni	Nl	Nu
Ol	On	Od	Oi	Oe	Oo	Os	Oc	Oz	Ok	Oh	Or	Ob	Oa	Ow	Of	Ox	Oj	Om	Ot	Ou	Oy	Og	Oq	Op	Ov
Pr	Pi	Pp	Ps	Pq	Px	Pu	Pf	Pv	Pc	Pt	Pl	Pn	Pd	Pz	Pw	Pg	Ph	Pb	Pe	Pj	Pk	Pa	Pm	Po	Py
Qy	Qb	Qg	Qd	Qp	Qf	Qh	Qz	Qx	Qu	Qa	Qs	Qj	Qw	Qe	Qn	Qb	Qk	Qc	Ql	Qi	Qm	Qt	Qo	Qq	Qr
Rp	Rz	Ra	Rf	Rv	Rc	Rt	Rs	Rg	Rn	Re	Ro	Rd	Rk	Ru	Rm	Ry	Rw	Rj	Ri	Rb	Rl	Rh	Rx	Rr	Rq
Sw	Sv	Si	Sp	Sl	Sn	So	Sr	Sk	St	Sj	Sq	Se	Su	Sg	Sb	Ss	Sf	Sh	Sx	Sa	Sc	Sd	Sz	Sy	Sm
Th	Tk	Tj	Ta	Tm	Tt	Tr	Te	Tw	Ts	Tp	Td	Tx	Ty	Ti	Tv	Tc	Tn	Tl	To	Tf	Tg	Tq	Tu	Tb	Tz
Ux	Um	Uk	Uz	Uj	Ul	Up	Uh	Uu	Uq	Uc	Uy	Uv	Us	Ur	Ua	Ud	Ug	Uw	Uf	Uo	Ui	Ub	Ut	Ue	Un
Vd	Vs	Vf	Vw	Vr	Vb	Vg	Vn	Vp	Ve	Vi	Vx	Vu	Vm	Vi	Vt	Vq	Vy	Va	Vv	Vh	Vz	Vj	Vk	Vc	Vo
Ws	Wd	Wh	Wv	Wa	Wz	Wn	Wj	Wt	Wb	Wy	Wi	Wq	Wo	Wp	Ww	Wr	Wu	Wm	Wk	We	Wf	Wg	Wx	Wl	
Xu	Xj	Xn	Xg	Xi	Xp	Xk	Xl	Xq	Xz	Xm	Xv	Xt	Xb	Xf	Xc	Xo	Xx	Xd	Xs	Xe	Xa	Xy	Xr	Xw	Xh
Yq	Yh	Yb	Yy	Yn	Ye	Ym	Yd	Yc	Yg	Yw	Yu	Yf	Yt	Yj	Yi	Yr	Yv	Yk	Yz	Yl	Yo	Yx	Ya	Ys	Yp
Zk	Zr	Zc	Zu	Zd	Zw	Zj	Zq	Zo	Zx	Zf	Zb	Za	Zn	Zp	Ze	Zh	Zm	Zi	Zy	Zz	Zv	Zl	Zs	Zg	Zt

Message 1

FQFQ

Message 2

CUCU

Message 3

AHAH HPHP

Message 4

CVCV	HPHP	AJAJ	HOHO	HLHL	IAIA	KBKB	DCDC	LDLD	DEDE	EFEF
NGNG	NHNN	PIPI	UJUU	YKYK	VLVL	QMQM	HMHM	AWAW	HNHN	APAP
HNHN	HLHL	OAOA	ABAB	LCLC	LDLD	KEKE	IFIF	HMHM		

Message 5

HLHL	IAIA	KBKB	DCDC	LDLD	DEDE	EFEF	NGNG	NHNN	PIPI	UJUU
YKYK	VLVL	QMQM	HMHM	FWFW	HNHN	FIFI	HNHN	HLHL	IAIA	RBRB
FCFC	LDLD	NENE	HFHF	NGNG	FHFH	ZIZI	QJQJ	HMHM	DXDX	
HNHN	FIFI	HNHN	HLHL	HAHA	MBMB	RCRC	XDxD	KEKE	SFSF	
EGEG	KHKH	WIWI	UJUU	CKCK	SLSL	LMLM	JNJN	HMHM		

Message 6

HLHL	FAFA	ABAB	FCFC	IDID	BEBE	ZFZF	SGSG	SHSH	OIOI	OJOJ
HMHM	FIFI	HNHN	HLHL	FFFF	RGRG	NHNH	GIGI	IJIJ	QIQI	XZXZ
HMHM	FUFU	HNHN	HLHL	EKEK	RLRL	LMLM	RNRN	HOHO	RPRP	TQTQ
KRKR	YSYS	KTKT	PUPU	EVEV	UWUW	HMHM	EAEA	HNHN	HLHL	JAJA
UBUB	ZCZC	SDSD	BEBE	MFMF	HMHM					

Message 7

ASAS	HNHN	GFGF	HNHN	HLHL	QQAQ	RBRB	VCVC	LDLD	HMHM	AHAH
HNHN	FIFI	HNHN	HBHB	HLHL	OAOA	MBMB	KCKC	KDKD	HEHE	DFDF
MGMG	NHNH	CICI	HMHM	DXDX	HNHN	GCGC	HNHN	HLHL	FAFA	ABAB
FCFC	IDID	BEBE	ZFZF	SGSG	SHSH	OIOI	OJOJ	YFYF	ELEL	
RKRK	FLFL	LMLM	WNWN	BOBO	HMHM?					