

Cursus Cryptografie

Breken transpositie



Behandelde varianten

- kolomtranspositie uitgevuld
- kolomtranspositie onuitgevuld
- willekeurige transpositie
- onregelmatige kolommen
- turning grille

Kolommen uitgevuld

stap 1 bepaal afmetingen transpositieblok

bijvoorbeeld voor 72 letters:

1 van 72: 2×36 3×24 4×18 6×12 8×9 9×8 ... 36×2

2 van 36: 2×18 3×12 4×9 6×6 9×4 12×3 18×2

3 van 24: 2×12 3×8 4×6 6×4 8×3 12×2

stap 2 deel cryptogram op in kolommen

stap 3 anagrammeer de kolommen

Voorbeeld

Italiaans militair bericht
72 letters, één blok, uitgevuld

```
RIOQK DEEFG ATCIE EGNEE NRMEN  
NTOAV PTINT BAALL IUSUR OSNOE  
NACGC YZATA MLALR ROKOI IA
```

Hoeveel kolommen?

Benut klinkerverdeling

2 RCNAOM
4 IINAEL
3 OETLNA
3 QEOLAL
2 KGAI CR
1 **DNVUGR**
2 EEPSCC
3 EETUVK
2 FNIRZO
3 GRNOAI
2 AMTSTI
3 TEBNAA

12X6

4 RGEOAOCL
5 IAEEAASVR
1 **OTNVLNZR**
3 QCRPLOAO
3 KIMTIETK
6 **DEEIUNAO**
4 EENNSAMI
3 EGNTUCLI
2 FNTBRGAA

9X8

3 **RFGNIIOZR**
4 **IGNNNUEAR**
4 **OAETTSNTO**
5 **QTEOBUA AK**
3 **KCNAARCMO**
4 **DIRVAOGLI**
4 **EEMPLSCAI**
4 **EEETLNVLA**

8X9

Anagrammeren

gidsletters Q en U

123456789

RFGNIIOZR

IGNNNUEAR

OAETTSNTO

QTEOBAAK

KCNAARCMO

DIRVAOGLI

EEMPLSCAI

EETLVLA

2345789 16

FGNIOZR RI

GNNNEAR IU

AETTNTOS

TEOBAAK QU

CNAACMO KR

IRVAGLI DO

EMPLCAI ES

EETLVLA EN

Derde kolom bijzoeken

2345789	16	163	164	167	168
FGNIOZR	RI	RIG	RIN	RIO	RIZ
GNNNEAR	IU	IUN	IUN	IUE	IUA
AETTNTTO	OS	OSE	OST	OSN	OST
TEOBAAK	QU	QUE	QUO	QUA	QUA
CNAACMO	KR	KRN	KRA	KRC	KRM
IRVAGLI	DO	DOR	DOV	DOG	DOL
EMPLCAI	ES	ESM	ESP	ESC	ESA
EETLVLA	EN	ENE	ENT	ENV	ENL

Benut digramtelling

2345789	16	163		164		167		168	
FGNIOZR	RI	RIG	40	RIN	114	RIO	110	RIZ	5
GNNNEAR	IU	IUN	46	IUN	46	IUE	40	IUA	35
AETTNTTO	OS	OSE	91	OST	94	OSN	0	OST	94
TEOBAAK	QU	QUE		QUO		QUA		QUA	
CNAACMO	KR	KRN	16	KRA	124	KRC	24	KRM	16
IRVAGLI	DO	DOR	108	DOV	42	DOG	19	DOL	81
EMPLCAI	ES	ESM	11	ESP	16	ESC	35	ESA	30
EETLVLA	EN	ENE	110	ENT	124	ENV	5	ENL	3

Vierde kolom bijzoeken

235789	164	1642		1645		1649	
FGIOZR	RIN	RINF	5	RINI	54	RINR	0
GNNEAR	IUN	IUNG	13	IUNN	24	IUNR	0
AETNTO	OST	OSTA	21	OSTT	56	OSTO	113
TEBAAK	QUO	QUOT	30	QUOB	8	QUOK	0
CNACMO	KRA	KRAC	54	KRAA	24	KRAO	13
IRAGLI	DOV	DOVI	38	DOVA	24	DOVI	38
EMLCAI	ESP	ESPE	67	ESPL	0	ESPI	27
EELVLA	ENT	ENTE	102	ENTL	0	ENTA	121

Resterende kolommen

35789	1642	35789	164279853	OPLOSSING
GIOZR	RINF	GIOZR	RINF	RINFORZIG
NNEAR	IUNG	NNEAR	IUNG	IUNGERANN
ETNTO	OSTA	ETNTO	OSTA	OSTANOTTE
EBAAK	QUOT	EBAAK	QUOT	QUOTAKABE
NACMO	KRAC	NACMO	KRAC	KRACCOMAN
RAGLI	DOVI	RAGLI	DOVI	DOVIGILAR
MLCAI	ESPE	MLCAI	ESPECIALMENTE	ESPECIALM
ELVLA	ENTE	ELVLA	ENTE	ENTEVALLE

Onuitgevuld blok

TSURC KNLCA PTEPE TLTTN EKCOI OAODH O

lkkk1k1

EL

CPTK

klaartekst

111kkkk

CAETCA

kkkk111

ATTACKP

TKPTNOO

TKPTNOO

TCCELKA

OSTPONE

SNTLEID

SNTLEID

SKAPTCO

DUNTILT

ULETKOH

ULETKOH

UNPETOD

HREEOCL

RCPTCAO

RCPTCAO

RLTTNIH

OCK

CAE

CAE

EOO

Identiek begin

cryptogram 1

BNTSE ARKCL CETTN BITER ROTAE LTNNO
NNENO OTOKM SZTGN YITDK LANAE FTFSN
PGNPA RWOIA OFGTF CTOTD NINOE WXERF
ASIOS TIDRR RMMAO ARPAT OUTIO BIEOA
GAAPN EIK

cryptogram 2

BNTSE INDOT LCETS AFPLE RROMO ISOEN
NONST IIUTO KMFY KPCYI TDVSI NTAEF
TFSTO NTNAR WOARO EEKTF CTTLT AEANO
EWXPV TITIO STTTF OCMMA OOSCA NROUT
IEELS OAGAA ABITR T

Overeenkomsten

cryptogram 1

BNTSEARKC

LCETTNRBIT

ERROTAELT

NNONNENOO

TOKMSZTGN

YITDKLAN

AEFTFSNPGNP

ARWOIAOFG

TFCTOTDNI

NOEWXERFAS

IOSTIDRRR

MMAOARPAT

OUTIOBIEO

AGAAPNEIK

cryptogram 2

BNTSEINDOT

LCETSAFPL

ERROMOISOE

NNONSTIIU

TOKMFEYKPC

YITDVSINT

AEFTFSTONTN

ARWOAROEK

TFCTTLTAEA

NOEWXPVTIT

IOSTTTFOC

MMAOOSCANR

OUTIEELSO

AGAAABITRT

Toevalstreffers

identieke delen
van het
cryptogram
uitgelijnd

cryptogram 1

cryptogram 2

BNTSEARKC

BNTSEINDOT

LCETTNBIT

LCETSAFPL

ERROTAELT

ERROMOISOE

NNONNENOO

NNONSTIIU

TOKMSZTGN

TOKMFEYKPC

YITDKLAN

YITDVSINT

AEFTFSNPGNP

AEFTFSTONTN

ARWOIAOFG

ARWOAROEK

TFCTOTDNI

TFCTTLTAEA

NOEWXERFAS

NOEWXPVTIT

IOSTIDRRR

IOSTTTFOC

MMAOARPAT

MMAOOSCANR

OUTIOBIEO

OUTIEELSO

AGAAPNEIK

AGAAABITRT

lang = kort + 1
deze A verstoort
het patroon
toevalstreffer
A hoort aan eind
vorige regel



Kolomopstelling

cryptogram 1

BLENTYEATNIMOA
NCRNOIFRFOOMUG
TEROKTTWCESATA
STONMDFOTWTOIA
ETTNSKSIOXIAOP
ANAEZLNATEDRBN
RBENTAPODRPIE
KILOGNGFNFR AEI
CTTONANGIARTOK
P S

cryptogram 2

BLENTYEATNIMOA
NCRNOIFRFOOMUG
TEROKTTWCESATA
STONMDFOTWTOIA
ESMSFVSATXTOEA
IAOTESTRLPTSEB
NFIIYIOOTVFCL I
DPSIKNNEATOAST
OLOUPTTEEICNOR
T E CANKAT R T

Lange kolommen links

cryptogram 1

ENBLENTYATIMOA
FONCRNOIRFOMUG
TETEROKTWCSATA
FWSTONMDDOTTOIA
SXETTNSKIOIAOP
NEANAEZLATDRBN
PRRBENTAODRPIE
GFKILOGNFNRAEI
NACTTONAGIR TOK
PS

cryptogram 2

BLENTYEATNIMOA
NCRNOIFRFOOMUG
TEROKTTWCESATA
STONMDFOTWTOIA
ESMSFVSATXTOEA
IAOTESTRLPTSEB
NFIIYIOOTVFCLLI
DPSIKNNEATOAST
OLOUPTTEEICNOR
T E CANKAT R T

Korte kolommen rechts

cryptogram 1

ENBLENTYATIMOA
FONCRNOIRFOMUG
TETEROKTWCSATA
FWSTONMDOTTOIA
SXETTNSKIOIAOP
NEANAEZLATDRBN
PRRBENTAODRPIE
GFKILOGNFNRAEI
NACTTONAGIR TOK
PS

cryptogram 2

ENBETYATMALNIO
FONROIRFMGCNOU
TETRKTWCAAEOST
FWSOMDOTOATNTI
SXEMFVATOASSTE
TPIOESRLSBATTE
OVNIYIOTCIFI FL
NTDSKNEAATTPOS
TIOOPTENRLUCO
NTTECAKART

Driedeling

Simultaan anagrammeren per sectie
ENEMY BATTALION...

cryptogram 1

ENBETYATMALNIO
FONROIRFMGCNOU
TETRKTWCAAEOST
FWSOMDOTOATNTI
SXETSKIOAPTNI
NEAAZLATRNNEDB
PRRETAODPEBNRI
GFKLGNFNAIIORE
NACTNAGITKTORO
PS

cryptogram 2

ENBETYATMALNIO
FONROIRFMGCNOU
TETRKTWCAAEOST
FWSOMDOTOATNTI
SXEMFVATOASSTE
TPIOESRLSBATTE
OVNIYIOTCIFI
NTDSKNEAATTPOS
TIOOPTENRLUCO
NTTECAKART

Identieke transposities

From General Calamity to Mayor Catastrophy

1	T	E	H	A	N	E	M	G	S	L	L	I	W	S	N	E	T	T	A	C	K	Y	E	I	A
2	A	E	B	P	S	O	U	R	P	E	M	O	C	E	E	T	U	N	R	I	S	T	E	R	S
3	A	F	O	E	T	O	R	T	D	A	E	R	T	E	F	D	I	N	C	A	S	E	R	E	T
4	T	U	O	P	W	A	R	U	R	E	F	F	O	Y	A	E	E	D	F	O	R	D	R	C	R

vier delen met identieke transpositie
militaire terminologie
simultaan anagrammeren

Waarschijnlijk woord

1	T	E	H	A	N	E	M	G	S	L	L	I	W	S	N	E	T	T	A	C	K	Y	E	I	A
2	A	E	B	P	S	O	U	R	P	E	M	O	C	E	E	T	U	N	R	I	S	T	E	R	S
3	A	F	O	E	T	O	R	T	D	A	E	R	T	E	F	D	I	N	C	A	S	E	R	E	T
4	T	U	O	P	W	A	R	U	R	E	F	F	O	Y	A	E	E	D	F	O	R	D	R	C	R

ATTACK ENEMY

1	A	T	T	A	C	K								
2	P	R	S	A	U	N	A	U	N	P	R	S	I	S
3	E	C	T	A	I	N	A	I	N	E	C	T	A	S
4	P	F	R	T	E	D	T	E	D	P	F	R	O	R

1	E	N	E	M	Y							
2	E	O	T	E	S	E	E	O	T	E	U	T
3	F	O	D	R	T	F	F	O	D	R	R	E
4	U	A	E	R	W	A	U	A	E	R	R	D

Simultane tekst

1	T	E	H	A	N	E		G	S	L	L	I	W	S	N	E	T	T	A				E	I	A
2	A	E	B	P	S	O		R	P	E	M	O	C	E	E	T	U	N	R				E	R	S
3	A	F	O	E	T	O		T	D	A	E	R	T	E	F	D	I	N	C				R	E	T
4	T	U	O	P	W	A		U	R	E	F	F	O	Y	A	E	E	D	F				R	C	R

2 SUNRISE 4
REWARD

1	A			T			T			A			C	K
2	P	R	S	A	U	N	A	U	N	P	R	S	I	S
3	E	C	T	A	I	N	A	I	N	E	C	T	A	S
4	P	F	R	T	E	D	T	E	D	P	F	R	O	R

1	E				N		E				M	Y
2	E	O	T	E	S	E	E	O	T	E	U	T
3	F	O	D	R	T	F	F	O	D	R	R	E
4	U	A	E	R	W	A	U	A	E	R	R	D

Gekozen letters

1	T	E	H	A				G	S	L	L	I	W	S	N							E	I
2	A	E	B	P				R	P	E	M	O	C	E	E							E	R
3	A	F	O	E				T	D	A	E	R	T	E	F							R	E
4	T	U	O	P				U	R	E	F	F	O	Y	A							R	C

3 IN CASE OF

1		A		T		T			A		C	K	
2			S		U			N		R		I	S
3			T		I			N		C		A	S
4			R		E			D		F		O	R

1			E			N			E			M	Y
2				T		S			O			U	T
3				D		T			O			R	E
4				E		W			A			R	D

Uitbreiden

1	T	E	H	A			G	S	L	L	I	W	S	N							E	I
2	A	E	B	P			R	P	E	M	O	C	E	E							E	R
3	A	F	O	E			T	D	A	E	R	T	E	F							R	E
4	T	U	O	P			U	R	E	F	F	O	Y	A							R	C

2 SUNRISE 3 IN CASE OF

1	A	T	T	A	C	K	S	H	E	N
2	S	U	N	R	I	S	E	B	E	E
3	T	I	N	C	A	S	E	O	F	
4	R	E	D	F	O	R	Y	O	U	A

Nieuw woord zoeken

1	T		A		G	S	L	L	I	W	N								E	I
2	A		P		R	P	E	M	O	C	E								E	R
3	A		E		T	D	A	E	R	T	F								R	E
4	T		P		U	R	E	F	F	O	A								R	C

3 DEFEAT

1	S	A	L	I	N	A	L	I	T	L	G	W
2	P	P	M	R	E	P	M	R	A	E	R	C
3	D		E		F		E		A		T	
4	R	P	F	C	A	P	F	C	T	E	U	O

Nieuw woord zichtbaar

1	T		A		G	L	L	I	W											E	I
2	A		P		R	E	M	O	C											E	R
3	A		E		T	A	E	R	T											R	E
4	T		P		U	E	F	F	O											R	C

2 PREPARE

1	S	A	L	I	N	A	L	I	T	L	G	W
2	P	P	M	R	E	P	M	R	A	E	R	C
3	D		E		F		E		A		T	
4	R	P	F	C	A	P	F	C	T	E	U	O

Fragmenten

1										L	L	I	W									E			
2										E	M	O	C										E		
3										A	E	R	T										R		
4										E	F	F	O										R		

ENEMY WILL ATTACK

1	E	N	E	M	Y
2	T	S	O	U	T
3	D	T	O	R	E
4	E	W	A	R	D

1	A	T	T	A	C	K	S	H	E
2	S	U	N	R	I	S	E	B	E
3	T	I	N	C	A	S	E	O	F
4	R	E	D	F	O	R	Y	O	U

1	S	I	N	A	T	G
2	P	R	E	P	A	R
3	D	E	F	E	A	T
4	R	C	A	P	T	U

Laatste stappen

1	E	N	E	M	Y	W	I	L	L	A	T	T	A	C	K		
2	T	S	O	U	T	C	O	E	M	E	M	S	U	N	R	I	S
3	D	T	O	R	E	T	R	A	E	A	E	T	I	N	C	A	S
4	E	W	A	R	D	O	F	E	F	E	F	R	E	D	F	O	R

Klaartekst

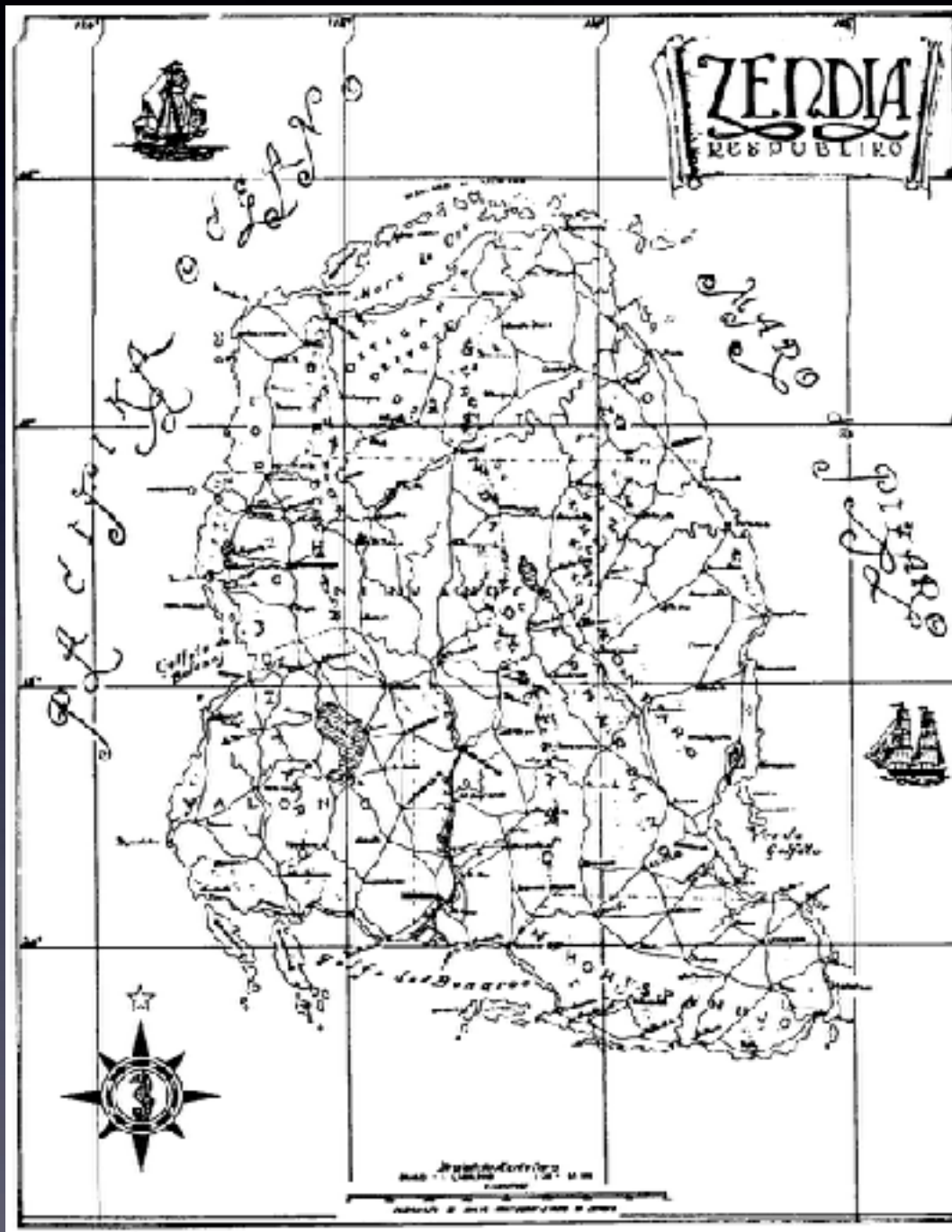
E	N	E	M	Y	W	I	L	L	A	T	T	A	C	K	S	H	E	S	I	N	A	T	G	E
T	S	O	U	T	C	O	M	E	S	U	N	R	I	S	E	B	E	P	R	E	P	A	R	E
D	T	O	R	E	T	R	E	A	T	I	N	C	A	S	E	O	F	D	E	F	E	A	T	R
E	W	A	R	D	O	F	F	E	R	E	D	F	O	R	Y	O	U	R	C	A	P	T	U	R

Zendia-opgave



Lambros Demetrios Callimahos
NSA Training Division 1956–1977

Zendia



Salvo Salasio

Berichtenstructuur

callsigns

intercept info

aan van freq tijd file #

POH DE NIO 2250KCS 232013T USM-99/00337

1092 0223 1840 0121 2664 2124 5942 6501 message header

FFBGG	TGHLN	ZKHDO	IRMRW	PZULL	ABPBU	YPQSP	VDZBE	LKOWT	JEUSL
XPBSZ	HNURY	CLTBN	ARYPA	MSEWS	KEAEU	WDUNH	DLFCM	ABSTN	XXASW
SCNPE	OCIOK	ZLCDJ	FRLNH	DDCSJ	OZJUD	REZST	EMGFD	ASELU	BUTBI
DOHER	ECNYI	YXTDT	UNRJO	GGPJK	ULTRK	JZKVS	VDMVM	EHZWS	MDEYD
MZREB	CHENG	JSVSV	NEZPZ	MTGHP	WRNEY	WLISH	ZSLJH	BOWFM	MOKQQ
EOTMG	WILVG	QZOGY	BOUBO	PBWJZ	TRPIC	QGGRN	NHRTG	NTNDI	RODOB
BWRLD	RIYMQ	DCZVE	FFBGG	TGHLN					

groep 1-2 en 64-65
discriminant + evt.indicator

serienummers
datum tijd
???? ... ????
??

Operator chatter

0317T ???/??? ???/3990KCS (BROKE IN)

DE ??? AFTER LAST NIGHTS TRBL THE CAFE FEMINA **HR IN LIVORNO** IS OFF LIMITS - HENRIKO WAS PULLED IN BY MILPOLS AR

0706T DYO/ZZZ ???/6350KCS

DE ZZZ C GR 6-7 WTBDV YPYNF - PLS NOTE THIS **MSG TOPSEC**

1429T ???/UNK ???/6220KCS (OP. NOTE: BROKE IN)

DE UNK U BOYS IN **REGT HQ** OUGHT TO GET OUT OF UR EASY CHAIRS AND SEE WHAT GOES ON WITH US **COMBAT TROOPS** AR

1608T EQU/UBT ???/6890KCS

DE UBT I HR **OUR RGT** WILL TEAM UP WITH U BOYS IN THE **331ST** FOR ELIMS IN THE **33 DIV** CHESS TOURNEY - HV U HRD ANYTHING RE THIS?

Zendia transposities

070	TOJ	DE	FHI	652	612	230600	GIFIG	WGOID	EECGM	TMNMV	MTMPP
107	UNK	DE	FHI	452	612	230600	GIFIG	WGOAR	SSRGM	OUAUA	LLYPP
102	FHI	DE	TOJ	752	912	230840	GIFIG	ERBEW	MGEUC	GVTDS	NADEE
362	FHI	DE	UNK	903	760	230920	GIFIG	EOUEE	MMVLN	SFEDS	ACIER
091	XYR	DE	OWN	951	681	230605	JAAAJ	EUEBD	OETDN	GXAWR	SUTEU
244	XYR	DE	OWN	953	684	231345	JAAAJ	CTPIE	NOEFR	ERRDO	AIVIO
283	XYR	DE	OWN	956	687	231540	JAAAJ	ESTLG	BREEI	OALCP	SNTET
317	OWN	DE	XYR	102	658	231700	JAAAJ	EHBED	DASLT	COIEO	IERUR
336	VLH	DE	XYR	604	662	232020	JAAAJ	TROHO	LEAHN	INHAI	PMUMQ
010	MKP	DE	PSD	551	848	230010	ECHCE	TNUOS	ROIRT	APDIU	XRDOA
011	MKP	DE	PSD	552	848	230010	ECHCE	TWMUO	NOMZT	APVLL	NEROA
089	MKP	DE	PSD	555	851	230600	ECHCE	RNNNS	RESPE	EETMO	VEECA
250	GKW	DE	MKP	203	591	230620	ECHCE	OIQHR	LUATR	RHAHM	EPPDV
179	MKP	DE	GKW	351	824	231110	ECHCE	RAFNO	EAIOI	MMTEL	OLFFY
335	HZY	DE	MKP	506	626	231830	ECHCE	FOAOS	MBEDN	CNHII	XRSRO

GIFIG berichten

070 WGOIDEECGMTMNMVMTMPPECSIMTSOSRINBMRTATXACMTITTEMM
107 WGOARSSRGMOUAUALYPPQBETOESEETNOLSUTATTEMIETTQSF

070 AOIMRRMIEMCAOAAIOOMNMCSSITTTIAEEOECMEMOOHEWAGAETEA
107 TAEORREIUDEFNTAARHELONDSSEILPSROETDSHPSNENHRRCEAO

070 ANCBHMDTFRMNTSRRAIKHONTNFORORDHEOYNMISEWCEONEEMSE
107 OWOFGREEWCRIOSCAIAMTOMKOCMANINLNEACADLNONMTDBOTM

102 ERBEWMGEUCGVTDSNADEEEDTEALHYNEDCORNRUMETPIVSNAISO
362 EOUPEMMVLNSFEDSACIERMAIEEDDTGIOCOREDRYNEPEIUISRNE

102 EOHNESFNARVITORSREWNTSCOUSVETEOIFMVNOBIACEEEEETSTI
362 LSSRREEETRPTSERMBNNENAPOEVNECRDEFUODNBREEGAIDETAHO

Coïncidenties

Kolomsplitsing

1	9	19	28	37	45
WGOIDEEC	GMTMNMVMTM	PPPECSIMT	SOSRINBMR	TATXACMT	ITTEMMAOIM
WGOARSSR	GMOUAUALLY	PPPQBETOE	SEETNOLSU	TATTEMIE	ITTQSFTAEO
ERBEWMGE	UCGVTDSDNAD	EEDTEALH	YNEDCORNT	RUMETPIV	SNAISOEOHN
EOUEEMMV	LNSFEDSACI	ERMAIEEDD	TGIOCORED	RYNENPEI	UISRNELSSR
<8>	<10>	<9>	<9>	<8>	<10>

55	65	74	83	92
RRMIEMCAO	AAIOOMNMC	SSITTIAEE	OECMEMOOH	EWAGAETEA
RREIUDEFNT	AARHELOND	SSSEILPSR	OETDSHPSN	ENHRRCEAO
ESFNARVITO	RSREWNTSC	OUSVETEOI	FMVNOBIAC	EEEEETSTI
REEETRPTSE	RMBNNENAP	OEVNECRDE	FUODNBREE	GAIDETAHO
<10>	<9>	<9>	<9>	<9>

echt toeval

Kolomselectie

#362										
1	9	19	28	37	45	55	65	74	83	92
E	L	E	T	R	U	R	R	O	F	G
O	N	R	G	Y	I	E	M	E	U	A
U	S	M	I	N	S	E	B	V	O	I
E	F	A	O	E	R	E	N	N	D	D
E	E	I	C	N	N	T	N	E	N	E
M	D	E	O	P	E	R	E	C	B	T
M	S	E	R	E	L	P	N	R	R	A
V	A	D	E	I	S	T	A	D	E	H
	C	D	D		S	S	P	E	E	O
	I				R	E				

#362				
1	19	37	65	83
E	E	R	R	F
O	R	Y	M	U
U	M	N	B	O
E	A	E	N	D
E	I	N	N	N
M	E	P	E	B
M	E	E	N	R
V	D	I	A	E
	D		P	E
REFER YOUR				

#362				
37	1	83	19	65
R	E	F	E	R
Y	O	U	R	M
N	U	O	M	B
E	E	D	A	N
N	E	N	I	N
P	M	B	E	E
E	M	R	E	N
I	V	E	D	A
		E	D	P

Simultaan

#362				
37	1	83	19	65
R	E	F	E	R
Y	O	U	R	M
N	U	O	M	B
E	E	D	A	N
N	E	N	I	N
P	M	B	E	E
E	M	R	E	N
I	V	E	D	A
		E	D	P

#102				
37	1	83	19	65
R	E	F	E	R
U	R	M	E	S
M	B	V	E	R
E	E	N	D	E
T	W	O	T	W
P	M	B	E	N
I	G	I	A	T
V	E	A	L	S
		C	H	C

REVEALS?

#070				
37	1	83	19	65
T	W	O	P	A
A	G	E	P	A
T	O	C	P	I
X	I	M	E	O
A	D	E	C	O
C	E	M	S	M
M	E	O	I	N
T	C	O	M	M
		H	T	C

#107				
37	1	83	19	65
T	W	O	P	A
A	G	E	P	A
T	O	T	P	R
T	A	D	Q	H
E	R	S	B	E
M	S	H	E	L
I	S	P	T	O
E	R	S	O	N
		N	E	D

PERSON?

Overeenkomst in begin

#102										
37	1	83	19	6	9	28	45	55	74	92
R	E	F	E	R	U	Y	S	E	O	E
U	R	M	E	S	C	N	N	S	U	E
M	B	V	E	R	G	E	A	F	S	E
E	E	N	D	E	V	D	I	N	V	E
T	W	O	T	W	T	C	S	A	E	E
P	M	B	E	N	D	O	O	R	T	T
I	G	I	A	T	S	R	E	V	E	S
V	E	A	L	S	N	N	O	I	O	T
		C	H	C	A	T	H	T	I	I
					D		N	O		
REFER...YOURMES....										

#362										
37	1	83	19	6	9	28	45	55	74	92
R	E	F	E	R	L	T	U	R	O	G
Y	O	U	R	M	N	G	I	E	E	A
N	U	O	M	B	S	I	S	E	V	I
E	E	D	A	N	F	O	R	E	N	D
N	E	N	I	N	E	C	N	T	E	E
P	M	B	E	E	D	O	E	R	C	T
E	M	R	E	N	S	R	L	P	R	A
I	V	E	D	A	A	E	S	T	D	H
		E	D	P	C	D	S	S	E	O
					I		R	E		
REFER..TOYOURM....										

Kolomsplitsing?

#102										
37	1	83	19	6	9	45	55	9	2	74
R	E	F	E	R	U	S	E	E	Y	O
U	R	M	E	S	C	N	S	E	N	U
M	B	V	E	R	G	A	F	E	E	S
E	E	N	D	E	V	I	N	E	D	V
T	W	O	T	W	T	S	A	E	C	E
P	M	B	E	N	D	O	R	T	O	T
I	G	I	A	T	S	E	V	S	R	E
V	E	A	L	S	N	O	I	T	N	O
		C	H	C	A	H	T	I	T	I
					D	N	O			
REFEENCEYOURMES										

#362										
37	1	83	19	6	9	45	55	9	2	74
R	E	F	E	R	L	U	R	G	T	O
Y	O	U	R	M	N	I	E	A	G	E
N	U	O	M	B	S	S	E	I	I	V
E	E	D	A	N	F	R	E	D	O	N
N	E	N	I	N	E	N	T	E	C	E
P	M	B	E	E	D	E	R	T	O	C
E	M	R	E	N	S	L	P	A	R	R
I	V	E	D	A	A	S	T	H	E	D
		E	D	P	C	S	S	O	D	E
					I	R	E			
REFERRINGTOYOURM										

Kolomsplitsing aanpassen

#102										
37	1	83	19	6	1	46	55	9	2	74
R	E	F	E	R	E	N	C	E	Y	O
U	R	M	E	S	S	A	G	E	N	U
M	B	V	E	R	F	I	V	E	E	S
E	E	N	D	E	N	S	T	E	D	V
T	W	O	T	W	A	O	D	E	C	E
P	M	B	E	N	R	E	S	T	O	T
I	G	I	A	T	V	O	N	S	R	E
V	E	A	L	S	I	H	A	T	N	O
S	U	C	H	C	T	N	D	I	T	I
					O					
REFEENCEYOURMES....										

#362										
37	1	83	19	6	1	46	55	9	2	74
R	E	F	E	R	R	I	N	G	T	O
Y	O	U	R	M	E	S	S	A	G	E
N	U	O	M	B	E	R	F	I	I	V
E	E	D	A	N	E	N	E	D	O	N
N	E	N	I	N	T	E	D	E	C	E
P	M	B	E	E	R	L	S	T	O	C
E	M	R	E	N	P	S	A	A	R	R
I	V	E	D	A	T	S	C	H	E	D
U	L	E	D	P	S	R	I	O	D	E
					E					
REFERRINGTOYOURM....										

Vervolg duidelijk

#102										
37	1	83	19	65	10	46	55	92	28	74
R	E	F	E	R	E	N	C	E	Y	O
U	R	M	E	S	S	A	G	E	N	U
M	B	V	E	R	F	I	V	E	E	S
E	E	N	D	E	N	S	T	E	D	V
T	W	O	T	W	A	O	D	E	C	E
P	M	B	E	N	R	E	S	T	O	T
I	G	I	A	T	V	O	N	S	R	E
V	E	A	L	S	I	H	A	T	N	O
S	U	C	H	C	T	N	D	I	T	I
					O					
..YOURMESSAGENUMBERFIV..										

#362										
37	1	83	19	65	10	46	55	92	28	74
R	E	F	E	R	R	I	N	G	T	O
Y	O	U	R	M	E	S	S	A	G	E
N	U	O	M	B	E	R	F	I	I	V
E	E	D	A	N	E	N	E	D	O	N
N	E	N	I	N	T	E	D	E	C	E
P	M	B	E	E	R	L	S	T	O	C
E	M	R	E	N	P	S	A	A	R	R
I	V	E	D	A	T	S	C	H	E	D
U	L	E	D	P	S	R	I	O	D	E
					E					
..YOURMESSAGENUMBERFIV..										

Open plek in kolom 83

#102										
37	1	83	19	65	10	46	55	92	28	74
R	E	F	E	R	E	N	C	E	Y	O
U	R	M	E	S	S	A	G	E	N	U
M	B		E	R	F	I	V	E	E	S
E	E	V	D	E	N	S	T	E	D	V
T	W	N	T	W	A	O	D	E	C	E
P	M	O	E	N	R	E	S	T	O	T
I	G	B	A	T	V	O	N	S	R	E
V	E	I	L	S	I	H	A	T	N	O
S	U	A	H	C	T	N	D	I	T	I
		C			O					
..NUMBERFIVES.VEN..										

#362 → #107										
37	1	83	19	65	10	46	55	92	28	74
T	W	O	P	A	R	T	M	E	S	S
A	G	E	P	A	R	T	O	N	E	S
T	O		P	R	E	Q	U	H	E	S
T	A	T	Q	H	I	S	A	R	T	E
E	R	D	B	E	U	F	U	R	N	I
M	S	S	E	L	D	T	A	C	O	L
I	S	H	T	O	E	A	L	E	L	P
E	R	P	O	N	F	E	L	A	S	S
I	G	S	E	D	N	O	Y	O	U	R
		N			T					
..PARTONESTOPREQUEST..										

Open plek in kolom 92

#102										
37	1	83	19	65	10	46	55	92	28	74
R	E	F	E	R	E	N	C	E	Y	O
U	R	M	E	S	S	A	G	E	N	U
M	B		E	R	F	I	V		E	S
E	E	V	D	E	N	S	T	E	D	V
T	W	N	T	W	A	O	D	E	C	E
P	M	O	E	N	R	E	S	E	O	T
I	G	B	A	T	V	O	N	T	R	E
V	E	I	L	S	I	H	A	S	N	O
S	U	A	H	C	T	N	D	T	T	I
		C			O			I		
..NUMBERFIVES.VEN..										

#107										
37	1	83	19	65	10	46	55	92	28	74
T	W	O	P	A	R	T	M	E	S	S
A	G	E	P	A	R	T	O	N	E	S
T	O		P	R	E	Q	U		E	S
T	A	T	Q	H	I	S	A	H	T	E
E	R	D	B	E	U	F	U	R	N	I
M	S	S	E	L	D	T	A	R	O	L
I	S	H	T	O	E	A	L	C	L	P
E	R	P	O	N	F	E	L	E	S	S
I	G	S	E	D	N	O	Y	A	U	R
		N			T			O		
..STOPREQUESTTHIS..										

Nieuwe open plekken

#102										
37	1	83	19	65	10	46	55	92	28	74
R	E	F	E	R	E	N	C	E	Y	O
U	R	M	E	S	S	A	G	E	N	U
M	B		E	R	F	I	V		E	S
E		V		E	N	S	T	E	D	V
T	E	N	D	W	A	O	D	E	C	E
P	W	O	T	N	R	E	S	E	O	T
I	M	B	E	T	V	O	N	T	R	E
V	G	I	A	S	I	H	A	S	N	O
S	E	A	L	C	T	N	D	T	T	I
	U	C	H		O			I		
..SEVEN..										

#107										
37	1	83	19	65	10	46	55	92	28	74
T	W	O	P	A	R	T	M	E	S	S
A	G	E	P	A	R	T	O	N	E	S
T	O		P	R	E	Q	U		E	S
T		T		H	I	S	A	H	T	E
E	A	D	Q	E	U	F	U	R	N	I
M	R	S	B	L	D	T	A	R	O	L
I	S	H	E	O	E	A	L	C	L	P
E	S	P	T	N	F	E	L	E	S	S
I	R	S	O	D	N	O	Y	A	U	R
	G	N	E		T			O		
..THISHEADQU.R..RS..										

Nieuwe open plekken

#102										
37	1	83	19	65	10	46	55	92	28	74
R	E	F	E	R	E	N	C	E	Y	O
U	R	M	E	S	S	A	G	E	N	U
M	B		E	R	F	I	V		E	S
E		V		E	N	S		E		V
	E	N	D		A		T	E	D	
T	W	O	T	W	R	O	D	E	C	E
P	M	B	E	N	V	E	S	T	O	T
I	G	I	A	T	I	O	N	S	R	E
V	E	A	L	S	T	H	A	T	N	O
S	U	C	H	C	O	N	D	I	T	I
..DATEDTWO TWODECEMBER...										

#107										
37	1	83	19	65	10	46	55	92	28	74
T	W	O	P	A	R	T	M	E	S	S
A	G	E	P	A	R	T	O	N	E	S
T	O		P	R	E	Q	U		E	S
T		T		H	I	S		H		E
	A	D	Q		U		A	R	T	
E	R	S	B	E	D	F	U	R	N	I
M	S	H	E	L	E	T	A	C	O	L
I	S	P	T	O	F	A	L	E	L	P
E	R	S	O	N	N	E	L	A	S	S
I	G	N	E	D	T	O	Y	O	U	R
..BEFURNISHE...										

Elfde rij verschijnt

#102										
37	1	83	19	65	10	46	55	92	28	74
R	E	F	E	R	E	N	C	E	Y	O
U	R	M	E	S	S	A	G	E	N	U
M	B		E	R	F	I	V		E	S
E		V		E	N	S		E		V
	E	N	D		A		T	E	D	
T	W	O	T	W		O	D	E	C	E
	M	B	E		R	E	S	T	O	T
P	G	I	A	N	V	O	N	S	R	E
I	E	A	L	T	I	H	A	T	N	O
V	U	C	H	S	T	N	D	I	T	I
S				C	O					
..TWODECEMBERSTOP..										

#107										
37	1	83	19	65	10	46	55	92	28	74
T	W	O	P	A	R	T	M	E	S	S
A	G	E	P	A	R	T	O	N	E	S
T	O		P	R	E	Q	U		E	S
T		T		H	I	S		H		E
	A	D	Q		U		A	R	T	
E	R	S	B	E		F	U	R	N	I
	S	H	E		D	T	A	C	O	L
M	S	P	T	L	E	A	L	E	L	P
I	R	S	O	O	F	E	L	A	S	S
E	G	N	E	N	N	O	Y	O	U	R
I				D	T					
..BEFURNISHEDACOMPLE..										

Oplossing

#102										
37	1	83	19	65	10	46	55	92	28	74
R	E	F	E	R	E	N	C	E	Y	O
U	R	M	E	S	S	A	G	E	N	U
M	B		E	R	F	I	V		E	S
E		V		E	N	S		E		V
	E	N	D		A		T	E	D	
T	W	O	T	W		O	D	E	C	E
	M	B	E		R		S	T	O	
P		I		N	V	E		S		T
I	G		A	T	I	O	N		R	E
V	E	A	L	S	T	H	A	T	N	O
S	U	C	H	C	O	N	D	I	T	I

#107										
37	1	83	19	65	10	46	55	92	28	74
T	W	O	P	A	R	T	M	E	S	S
A	G	E	P	A	R	T	O	N	E	S
T	O		P	R	E	Q	U		E	S
T		T		H	I	S		H		E
	A	D	Q		U		A	R	T	
E	R	S	B	E		F	U	R	N	I
	S	H	E		D		A	C	O	
M		P		L	E	T		E		L
I	S		T	O	F	A	L		L	P
E	R	S	O	N	N	E	L	A	S	S
I	G	N	E	D	T	O	Y	O	U	R