

MISSION: IMPOSSIBLE

TOP SECRET

CYPRUS TRANSMISSION — DECODE BEFORE THE ACTIVITY

TRANSMISSION

CLASSIFICATION: CYPRUS
ORIGIN: OPS-3 / SECTION ALPHA
REFERENCE: MSG-60406-MM -- YELLOW BUS
DATE: 20/1412/E/AUG/26
CIPHER SYSTEM: KEYLESS PLAYFAIR (J>I)

SI HT HT OG XC TH PO DN OS TM NQ YT MZ AP DN
PB DT QU IN KV OT SX YT OU KC ZD NV MP BG QT
HT UZ UM PA TU PL ET TG MH BD YO YF YD DT RZ
FO NF FA DU TI AD TI AB PB XC QC KB TU PL QT
HO FB PK ZD EO QF VI DF SB KO KC ST YT UZ UC
IM MI PA YT PA BQ ON MT CU YT NU PM ZA SI AK
PM MP YG MH CL BF QB NR YT MZ PB NF YG EF UT
YT OU IK TH TN PC LI SI KP DZ TC QS HO FB DS
FY OY XT YT OK GH FY CP FQ HT YT HQ UD NU UB
BE DB UB KQ NV OV TU PL BQ TG ZA DQ IW RB OY
IG PT TM SI BU BF CP UT YT KB SI BU TU PL TY
KC WB HT DU KC UD BL YG NV MA AD IN UC LC US
CL IT NR YT LN EF CU QS DZ PT UM IN PC HT HN
BQ KB CT YT LN EF CU QS DZ PT SB BL BU BD CL
XH CL RS DN EA XC TU PL IM TI PQ EH TU PL SI
HT HT OG XC TH PO DN OS TM NQ YT NZ

END OF MESSAGE



PLAYFAIR SQUARE

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

DECODE EXAMPLE MESSAGE

Encoded: "SI HT HT OG XC TH PO DN OS TM NQ YT NZ"

First, split the encoded message into pairs of letters (e.g. "SI HT" -> "SI", "HT").
Rule 1 – Rectangle – if the two letters are in different rows and different columns, each one is replaced by the letter in its own row but the other letter's column.

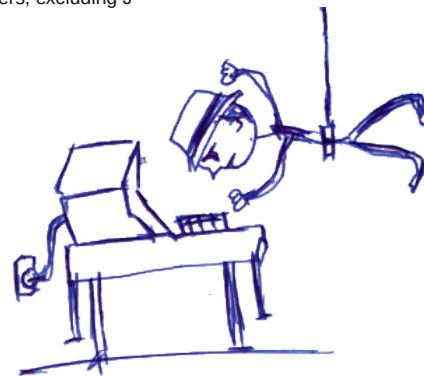
Rule 2 – Same column – if both letters are in the same column, each is replaced by the letter directly above it (wrapping to the bottom of the column if it's already in the top row).

Rule 3 – Same row – if both letters are in the same row, each is replaced by the letter directly to its left (wrapping to the right end of the row if it's already in the leftmost column).

Setting up square/grid: Use 25 letters, excluding J

Result:

SI - Rectangle -> TH
HT - Rectangle -> IS
HT - Rectangle -> IS
OG - Rectangle -> MI
XC - Same col -> SX
TH - Rectangle -> SI
PO - Same row -> ON
DN - Rectangle -> CO
OS - Rectangle -> NT
TM - Rectangle -> RO
NQ - Rectangle -> LS
YT - Same col -> TO
NZ - Rectangle -> PX



Decoded: "TH IS IS MI SX SI ON CO NT RO LS TO PX"
Message: "THIS IS MISSION CONTROL STOP"

WHO: Combined Chuluota/Tuskawilla Activity ----- Youth Team Leader + 4 youth + 1 adult (opt)
WHAT: Mission Impossible Team Competition ----- 10 teams ----- 7 stations
WHEN: 02/1855/E/SEP/26 ----- WED, SEP 2, 2026 ----- Starts promptly at 6:55 PM
WHERE: Chapel, 350 W Artesia St, Oviedo, FL 32765 ----- Report at gym with team members

COMPLETE THIS CIPHER BEFORE ACTIVITY TO BENEFIT YOUR TEAM.