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# SOLUTION: Jet Lag

Take coordinates -> figure out geographic location -> find UTC offset of that location

Using UTC offsets from the index of 'G', 7, we get:

MOTTO ON CREST = **TEMPORE UTIMUR** (the motto on the crest of Greenwich which is hinted heavily in the flavor text). **WE GOVERN BY SERVING** is also acceptable, as it is the motto on the crest of Greenwich borough.

Coordinates	Location	UTC offset	Index relative to 'G'	Letter
(45.62, 63.31)	Baikonur, Kazakhstan	+6	13	M
(39.91, 116.36)	Beijing, China	+8	15	O
(-21.17,-175.31)	Tongatapu, Tonga	+13	20	T
(-9.16,-171.86)	Tokelau	+13	20	T
(1.31,103.70)	Singapore, Singapore	+8	15	O
(31.22,120.91)	Shanghai, China	+8	15	O
(-6.23,106.68)	Tangerang, Indonesia	+7	14	N
(13.91,-61.05)	Canaries, Saint Lucia	-4	3	C
(-15.40,166.81)	Vanuatu	+11	18	R
(-3.85,-32.44)	Iha Fernando de Noronha, Brazil	-2	5	E
(19.29,166.62)	Wake Island, USA	+12	19	S
(-21.23,-175.17)	Fua'amotu, Tonga	+13	20	T

**TEMPORE UTIMUR or WE GOVERN BY SERVING**

