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## SALISBURY/MELBOURNE/LONDON CIRCUIT

## OUT-GOING TELEPRINTER MESSAGE

S/RAD 17

Russian Satellite

Important: Classification must be given. Messages not bearing precedence will be transmitted as "Deferred."

GRADES OF PRECEDENCE	Message No.	Classification	Precedence	Originator's File Reference
		UNCLASSIFIED		
Emergency				
Operational immediate	FROM :	W. R. E. SALISBURY		
Priority	TO :	WHIPPLE, SMITHSONIAN, CAMBRIDGE, U. S. A.		
Routine	REPEAT :	DIRECTOR, R. A. E., U. K.		
Deferred	RECIPIENTS REF. No. :			

THE FOLLOWING OBSERVATIONS WERE MADE ON THE SPUTNIK ROCKET CASING WITH FIXED BALLISTIC CAMERAS DURING EVENING TWILIGHT PERIODS ON OCTOBER 10TH, 11TH AND 12TH. R. A. FIGURES SHOULD BE ACCURATE TO  $\pm 1/2$  (HALF) MIN. OR BETTER. DECLINATION ACCURACIES ARE INDICATED IN BRACKETS AFTER EACH VALUE. NO TIMING INFORMATION IS AVAILABLE FROM OBSERVATIONS ON 10TH. OBSERVATION SITE - LAT. 34DEG. 44 MIN, 13 SEC S; LONG. 138DEG. 38 MIN. 45 SEC. E.

TEXT OF MESSAGE

	TIME G.M.T.	R. A.	DECL.
THURSDAY 10.10.57		22H 16M	-43D 47M ( $\pm 1/2$ M)
		22H 21M	-38D 23M ( $\pm 1$ M)
		22H 24M	-36D 22M ( $\pm 5$ M)
		22H 26M	-32D 17M ( $\pm 4$ M)
FRIDAY 11.10.57	9H 38M 54.0 S	19H 48M	-29D 32M ( $\pm 2$ M)
	9H 39M 11.7 S	20H 17M	-17D 11M ( $\pm 1$ M)
	9H 39M 3.8 S	20H 05M	-22D 46M ( $\pm 1/2$ M)
	9H 39M 9.4 S	20 H 14M	-18D 49M ( $\pm 1$ M)
	9H 39M 11.1 S	20H 16M	-17D 43M ( $\pm 1$ M)

Signature of Sender *P.V. Moran* Date 28.10.57 Branch or Section O & M I Tel Extn 800



TIME G.M.T. R.A. DECL.

TIME G.M.T.	R.A.	DECL.
SATURDAY, 12.10.57 9H 37M 10.0S	18H 28M	-4D 33M (+ $\frac{1}{2}$ M)
9H 37M 12.5S	18H 33M	-3D 03M (+ $\frac{1}{2}$ M)
9H 37M 15.0S	18H 36M	-1D 55M (+ $\frac{1}{2}$ M)
9H 37M 18.3S	18H 41M	-0D 07M (+ $\frac{1}{2}$ M)
9H 37M 1.9S	18H 16M	-8D 37M (+1M)
9H 37M 3.6S	18H 19M	-7D 54M (+3M)
9H 37M 5.1S	18H 21M	-7D 10M (+3M)
9H 37M 7.2S	18H 24M	-5D 55M (+2M)
9H 37M 9.5S	18H 28M	-4D 44M (+1M)
9H 37M 11.2S	18H 31M	-3D 49M (+2M)
9H 38M 27.1S	20M 05M	+26D 48M (+ $\frac{1}{2}$ M)
9H 38M 29.2S	20H 07M	+27D 26M (+ $\frac{1}{2}$ M)
9H 38M 30.2S	20H 08M	+27D 41M (+ $\frac{1}{2}$ M)
9H 38M 32.4S	20H 10M	+28D 16M (+ $\frac{1}{2}$ M)
9H 38M 33.6S	20H 11M	+28D 31M (+ $\frac{1}{2}$ M)
9H 38M 36.5S	20H 14M	+29D 17M (+ $\frac{1}{2}$ M)