

CONTENTS

I.	Radio Observations on the High-Altitude Nuclear Explosion over Johnston Island on July 9, 1962	By K. Nishikori, Y. Nakata and A. Sakurazawa	85
II.	Radio Observations on the High Altitude Nuclear Explosion over Johnston Island on July 9, 1962	By Y. Takenoshita, C. Outi and K. Shinno	107
III.	Equipment for the International VLF Comparison and Results of Measurement of Phase Variation between Hawaii and Tokyo	By K. Nakajima, K. Suzuki, Y. Amazu, K. Akatsuka and K. Nakamura	127
IV.	Phase Variation in the Frequency Multiplier	By Y. Saburi, Y. Yasuda and K. Harada	137
V.	The Spiral Patterns of the Polar Ionospheric Disturbance (Short Note).	By I. Kasuya	177
	NOTICE		181
	International Geophysical Calendar for the International Years of the Quiet Sun, 1964 and 1965		185