



HOKKAIDO UNIVERSITY

| | |
|------------------|---|
| Title | Measurements of Drift of Ice Island ARLIS-II in 1965 |
| Author(s) | KUSUNOKI, Kou; 楠, 宏 |
| Description | International Conference on Low Temperature Science. I. Conference on Physics of Snow and Ice, II. Conference on Cryobiology. (August, 14-19, 1966, Sapporo, Japan) |
| Citation | Physics of Snow and Ice : proceedings, 1(1), 705-705 |
| Issue Date | 1967 |
| Doc URL | https://hdl.handle.net/2115/20335 |
| Type | departmental bulletin paper |
| File Information | 1_p705-705.pdf |



Measurements of Drift of Ice Island ARLIS-II in 1965

Kou KUSUNOKI

楠 宏

Department of Polar Research, National Science Museum, Tokyo, Japan

Abstract

During the final stage of drift of ice island Arlis-II from the Arctic Ocean into Denmark Strait between February and May in 1965, a series of measurements of ice drift was conducted by the use of Arlis-II Drift Meter which was developed by General Motors Corporation and procured by the University of Washington, Seattle. About 200 drift measurements were made on a basis of three times a day from 78°14' N. and 09°08' W. to 67°19' N. and 24°29' W. Results indicated the drift to the south or south-west with an average speed of 17 cm/sec. Ice drift was also deduced from the results of celestial navigation. Discussions were given on the installation of Drift Meter, relation between the ice drift and wind system, and the influence of East Greenland current upon the ice drift.
