

CRUISE REPORT:

GOTO-NADA SEA AND TSUSHIMA STRAIT INVESTIGATIONS, NORTHWESTERN KYUSHU, 1972-1973

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Japan

I. INTRODUCTION

Since 1969 the Geological Survey of Japan has carried out geological and geophysical investigations in the sea off west and northwest Kyushu, under the five year programme of the government for marine development. Through early three years from 1969 to 1971 the shipborne surveys were undertaken in the area around Koshiki Islands. The surveys had provided valuable experience for method and technique on marine geological survey as well as useful new geological and geophysical information. A part of the results of the investigations was published by A. Mizuno and others (1970), S. Kamata (1970), I. Aoki and T. Mochizuki (1971), M. Sato and I. Aoki (1970) etc.

Subsequently G.S.J. extended his work to the Goto-nada Sea and the eastern part of the Tsushima Strait in 1972 and 1973. This new area lies north of the Koshiki Islands area and covers about 30,000km².

The main object of the regional marine surveys was a general investigation of the sea bottom sediments and the underlying rocks of the area by geophysical and geological sampling methods, testing equipment and techniques and training personnel. The present account includes the outlines of the works and the preliminary results of the two cruises, which are as follows:

First cruise	Sept. 8 to 27, 1972	Tokaidaigakumaru II
Second cruise	July 27 to Aug. 12, 1973	Wakashio