

## Report of Current Activities of *the Alfred-Wegener-Institute* for 2000-2002

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### **1. FIELD ACTIVITIES**

#### 1.1 Geodetic Surveys ( AWI )

Permanent GPS observations were carried out on the stations Belgrano II (arg.), San Martin (arg.), Jubany/Dallman (ger) and Sanae (RSA).

The GPS-station Jubany(dall) was cancelled in February 2001.

Sanae is a station of the IGS-network and the station is called vesl.

#### 1.2 Tide Gauge Data

(a) Tide gauge data for San Martin were collected and processed. Records have been forwarded to the AWI for archiving and dissemination.

(b) Tide gauges were installed

### **2. MAPPING ACTIVITIES**

#### 2.1 Topographic Mapping

The AWI bathymetric chart of the Weddell sea (AWI BCWS) has been expanded to the north. The chart now covers the whole Weddell Sea up to the sixtieth parallel.

Three new charts with a scale of 1:1 000 000 are still finished but not published.

### **3. GEOGRAPHIC INFORMATION ACTIVITIES**

Nil to report

### **4. SCIENTIFIC PAPERS PUBLISHED / PRESENTED**

Nil to report

### **5. PLACE NAMES**

Nil to report

### **6. GROUND CONTROL POINT LIBRARY**

Nil to report

## **7. PLANNED ACTIVITIES FOR THE NEXT TWO YEARS**

### 7.1 Geodetic Surveys ( *AWI* )

- a) A new permanent GPS-Station will be installed on Jubany/Dallman.
- b) No VLBI observations will be carried out

### 7.2 Tide Gauge Data

A tide gauge will be installed on Jubany/Dallman.