

MUSEU BOCAGE
MUSEU NACIONAL DE HISTÓRIA NATURAL

**ONE HUNDRED YEARS
OF PORTUGUESE OCEANOGRAPHY**

In the footsteps of King Carlos de Bragança

Edited by Luiz Saldanha and Pedro Ré

Publicações Avulsas, 2ª Série, Nº 2

LISBOA
1997





King Carlos de Bragança

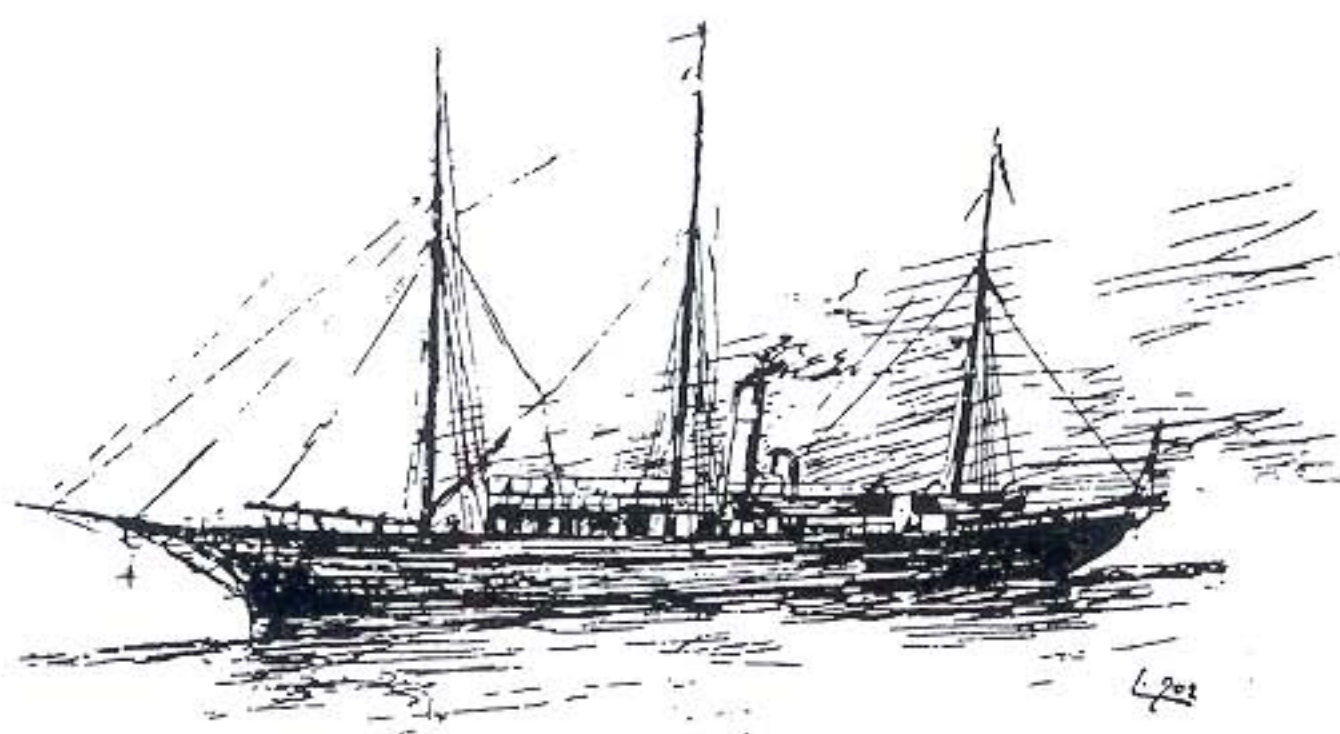
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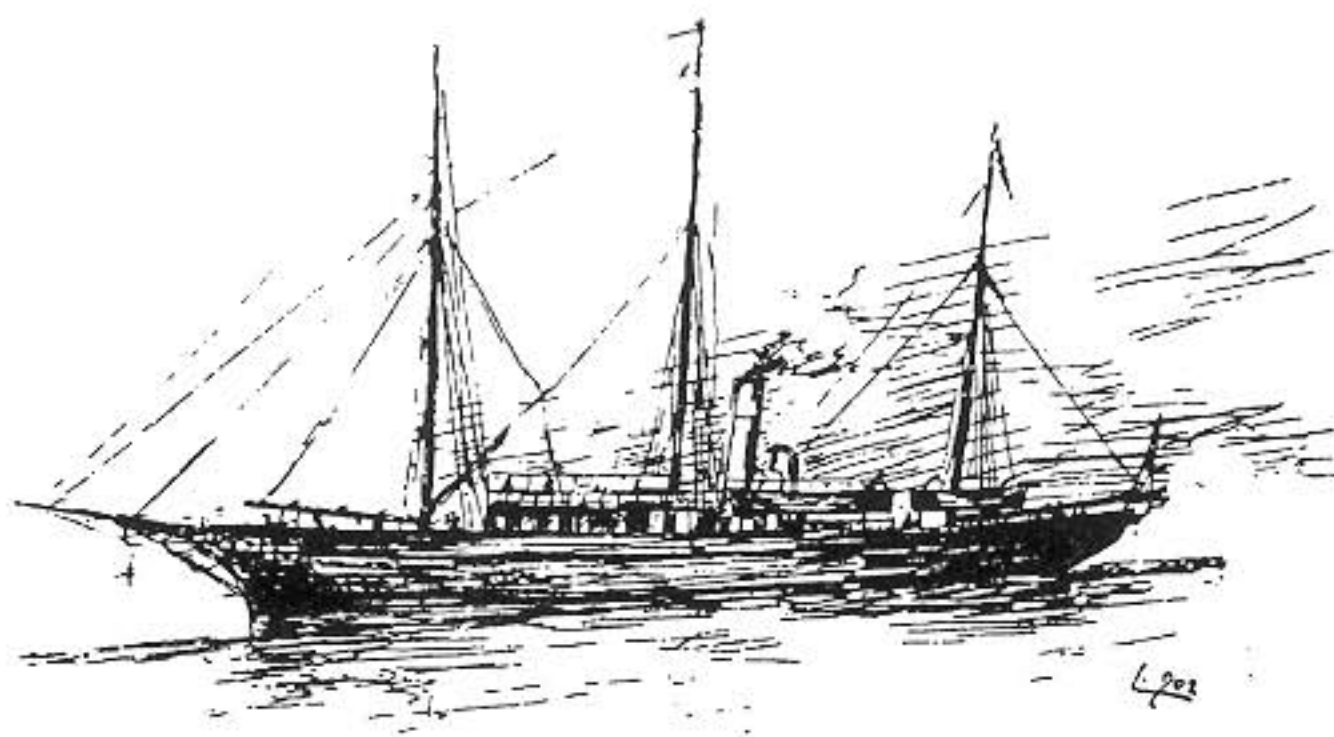
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Preamble

In 1896 King Carlos de Bragança started his oceanographic studies in the bay of Cascais aboard his yacht *Amélia*. This first step was the starting point of Portuguese Oceanography

To commemorate the centenary of this event, the Institute of Marine Research (IMAR), a network of Portuguese marine laboratories, in association with other institutions, organised a symposium in Cascais from 1st to 3rd February 1996.

A very special word of profound and respectful thanks are due to S.A.S. le Prince Héritaire Albert de Monaco, who honoured the opening session and the scientific sessions that followed with His presence. His irradiating kindness contributed very much for the success of the Symposium.

The Municipality of Cascais, thanks to the great interest and energy of its Mayor José Luis Judas, was instrumental in helping to carry out the organisation of the Symposium and hiring the conferences rooms, at the Centro Escolar Turístico e Hoteleiro do Estoril, hosting at Hotel Estoril Sol all the foreign and national speakers, providing lunches for most of the participants, namely for some one hundred students, transportation, and among many other things giving a memorable banquet at the Palace of Condes de Castro Guimarães. One hundred years after D. Carlos and Prince Albert of Monaco we had a similar aristocratic reception!

The idea of the Symposium was presented to the Consultative Committee of the Centro Português de Fundações that fully accepted the idea. Consequently it had the generous financial and logistical support of the following important Foundations that provided the travel expenses of foreign speakers among other things:

The Fundação Calouste Gulbenkian - special thanks are due to Eng. Luis de Guimarães Lobato, Administrator and a well known and interested personality linked with all maritime matters, for his constant support, exchange of ideas and advice;

Fundação Oriente - that through his President Dr. Carlos Monjardino contributed very much to the success of the Symposium, offering the Convento da Arrábida situated in a magnificent mountain landscape facing the sea to hold the conferences of the second day. A very nice lunch was provided. Fundação Oriente also contributed in part to the making of the commemoration medal;

Luso-American Foundation - his Vice-President, Dr. Charles Buchanan with the traditional american generosity and kindness contributed very much to the success of the Symposium and the printing of the present volume.

The Sociedade de Geografia de Lisboa and its President, Admiral Egídio de Sousa Leitão, provided the support of a respected and centennial institution.

The Comissão Nacional para as Comemorações dos Descobrimentos Portugueses through Commander Joaquim Soeiro de Brito gave its financial contribution supporting partly the making of the Commemorative medal and printing the present volume.

The JNICT - Junta Nacional de Investigação Científica e Tecnológica supported financially most of printing of this volume.

The Portuguese Navy, through Admiral Vitor Crespo, invited the participants (and provided their transportation) to a visit to the collections and library of King Carlos at Aquário Vasco da Gama. This visit was very much appreciated by all participants.

The Symposium was attended by more than two hundred persons, among them many young students. It was also a pleasure to have speakers from Austria, China, Egypt, France, Japan, Monaco, Portugal, Russia, United Kingdom and the United States.

The opening ceremony was to be chaired by the President of the Portuguese Republic - Dr. Mário Soares. He was replaced by the Ministry of Science and Technology - Professor José Mariano Gago.

There was also the presence of the State Secretary of Higher Education - Professor Jorge Silva, the President of JNICT - Professor Fernando Ramoa Ribeiro, D. Henrique de Bragança representing his brother D. Duarte Pio - Duke of Bragança, the President of Academia de Marinha - Admiral Rogério de Oliveira, the Consul of Monaco - Henrique Polignac de Barros, the Scientific attaché of the French Embassy - Professor Gérard Kühn, the Science and Education Officer of the British Council - Dr^a Manuela de Oliveira, and many other dignitaries.

Luiz Saldanha