BRITISH STANDARD

BS 6349-6: 1989

Code of practice for

Maritime structures —

Part 6: Design of inshore moorings and floating structures

Confirmed December 2011

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Civil Engineering and Building Structures Standards Policy Committee (CSB/-) to Technical Committee CSB/17, upon which the following bodies were represented:

Association of Consulting Engineers
British Ports Association and the National Association of Ports Employers
British Steel Industry
Concrete Society
Department of the Environment (Property Services Agency)
Department of Transport (Marine Directorate)
Federation of Civil Engineering Contractors
Health and Safety Executive
Institution of Civil Engineers
Institution of Structural Engineers
Oil Companies International Marine Forum

This British Standard, having been prepared under the direction of the Civil Engineering and Building Structures Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 30 June 1989

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The following BSI references relate to the work on this standard:
Committee reference CSB/17
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Amendments issued since publication

Amd. No.	Date of issue	Comments

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Foreword

This Part of BS 6349 has been prepared under the direction of the Civil Engineering and Building Structures Standards Policy Committee.

This code of practice contains material which is both for the information and guidance of engineers and material which forms recommendations on good practice. As such conformity with its recommendations is not obligatory and variations from its recommendations may well be justified in special circumstances and engineering judgement should be applied to determine when the recommendations of the code should be followed and when they should not.

A code of practice is intended for the use of engineers having some knowledge of the subject. It embodies the experience of engineers successfully engaged on the design and construction of a particular class of works so that other reasonably qualified engineers may use it as a basis for the design of similar works.

It is not intended that it should be used by engineers who have no knowledge of the subject nor that it should be used by non-engineers.

A code of practice represents good practice at the time it is written and, inevitably, technical developments may render parts of it obsolescent in time. It is the responsibility of engineers concerned with the design and construction of works to remain conversant with developments in good practice, which have taken place since the publication of the code.

Following suggestions from the Maritime and Waterways Board of the Institution of Civil Engineers, the Standards Committee for Civil Engineering Codes of Practice set up an ad hoc panel to make further studies. The panel's report, presented in 1975, concluded that existing British codes were inadequate for the special aspects of maritime structures and that there was a need for such a code.

A format was proposed that divided the work into two distinct stages.

The standard will be issued in seven Parts as follows:

— *Part 1: General criteria;*

— *Part 2: Design of quay walls, jetties and dolphins;*

— *Part 3: Design of dry docks, locks, slipways and shipbuilding berths, shiplifts and dock and lock gates*[1)]*;*

— *Part 4: Design of fendering and mooring systems;*

— *Part 5: Recommendations for the dredging of waterways and for land reclamation*[1)]*;*

— *Part 6: Design of inshore moorings and floating structures;*

— *Part 7: Design of breakwaters and training walls*[1)2)].

The full list of the organizations which have taken part in the work of the Technical Committee is given on the inside front cover. The Chairman of the Committee is Mr J T Williams OBE, C Eng, FICE, F I Struct E and the following were members of the Technical Committee.

R W Bishop[3)] OBE, B Sc (Eng), C Eng, FICE

D F Evans C Eng, FICE, F I Struct E

M D Hazel[3)] B Sc (Eng), C Eng, FICE

D Kerr MICE

P Lacey C Eng, FICE, F I Struct E, FIHT, FRSA

J Read MA, C Eng, FICE

T F D Sewell[3)] B Sc (Eng), C Eng, FICE

P D Stebbings B Sc (Eng), C Eng, FICE

D Waite C Eng, F I Struct E, MICE, FFB

C J Whitlock[3)] M Sc, C Eng, FICE

[1)] In preparation.
[2)] To be issued initially as a draft for development.
[3)] Past member.

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