

Subject to priorities defined by the Technical Council and the Presidium, the results of *fib*'s work in Commissions and Task Groups are published in a continuously numbered series of technical publications called 'Bulletins'. The following categories are used:

category	minimum approval procedure required prior to publication
Technical Report	approved by a Task Group and the Chairpersons of the Commission
State-of-Art Report	approved by a Commission
Manual, Guide (to good practice) or Recommendation	approved by the Technical Council of <i>fib</i>
Model Code	approved by the General Assembly of <i>fib</i>

Any publication not having met the above requirements will be clearly identified as preliminary draft.
This Bulletin N° 50 was approved as an *fib* State-of-Art report by Commission 1 in June 2009.

This report was drafted by Task Group 1.5, *Concrete structures in marine environments*, in Commission 1, *Structures*:

Tor Ole Olsen (Convener, Olav Olsen, Norway)

Aarstein (Rakon, Norway), Advocaat (AkerSolutions, Norway), Bekker (FETU, Russia), Collins (Univ. of Toronto, Canada), Fjeld (Olav Olsen, Norway), Fossa (AkerSolutions, Norway), Gerwick* (Gerwick Consulting Engineers, USA), Gillis (SNCLavalin, Canada), Gudmestad (Univ. of Stavanger, Norway), Hagen (Aas-Jakobssen, Norway), Hamon (Doris Engineering, France), Helland (Skanska Norge, Norway), Hjortset (Berger/ABAM, USA), Hoff (Hoff Consulting, USA), Horn (Multiconsult, Norway), Jackson (Arup Energy, UK), Kjepso (Olav Olsen, Norway), Leivestad (Standard Norge+Norconsult, Norway), Moksnes (Moksnes Consulting, Norway), Moslet (Olav Olsen, Norway), Parker (ExxonMobil, USA), Vache (Doris Engineering, France)

* Ben C. Gerwick Jr. was a world authority on offshore concrete structures and inspired the Task Group in the early stages of the work. Sadly he passed away in December 2006, but his profound contributions to the field of marine concrete structures are much appreciated.

Full address details of Task Group members may be found in the *fib* Directory or through the online services on *fib*'s website, www.fib-international.org.

Cover image: Sakhalin-2 project: The concrete gravity base structure for Piltun-Astokhskiye-B (PA-B) platform in the harsh environment of the Sea of Okhotsk (photo courtesy of SEIC Ltd.)

© fédération internationale du béton (*fib*), 2009

Although the International Federation for Structural Concrete *fib* - fédération internationale du béton - does its best to ensure that any information given is accurate, no liability or responsibility of any kind (including liability for negligence) is accepted in this respect by the organisation, its members, servants or agents.

All rights reserved. No part of this publication may be reproduced, modified, translated, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission.

First published in 2009 by the International Federation for Structural Concrete (*fib*)

Postal address: Case Postale 88, CH-1015 Lausanne, Switzerland

Street address: Federal Institute of Technology Lausanne - EPFL, Section Génie Civil

Tel +41 21 693 2747 • Fax +41 21 693 6245

fib@epfl.ch • www.fib-international.org

ISSN 1562-3610

ISBN 978-2-88394-090-1

Printed by DCC Document Competence Center Siegmars Kästl e.K., Germany