

# Smartship Australia

## 2<sup>nd</sup> Generation Bridge Resource Management

Marine Consultancy Group's BRM Course has been regularly updated over the last 20 years in line with developments in aviation safety and following learnings from accident investigations. This process is ongoing and has led to the identification of the likelihood, type, and location of errors in the pilotage and maritime operating environment.

The present BRM Course is referred to as a 2nd Generation course and was fully developed in late-2010, approved by the Australian Maritime Safety Authority (AMSA) in March 2011 and supported by the Australian Transport Safety Bureau (ATSB). The first generation course was conducted from 1995–2010.

The present course focuses on:

- causes of human error
- development of error wisdom
- error management
- developing a practical understanding of situational awareness
- improved decision making
- making the BRM approach the operating philosophy

The 2nd Generation BRM course adopts an error management approach and attempts to instruct in the limitations of human performance while still weaving in the valuable lessons learned from 1st Generation of BRM. It also traces the radical development in thinking on safety over the last 30-years triggered by the work done on developing a new approach to safety for nuclear power.

The radical development refers to a shift to a systems approach to safety which is now being implemented in other hazardous industries.

The course is flexible and can be modified and adapted to meet the needs of a large part of the shipping industry including offshore personnel and marine pilots.

Nearly every pilot in Australia and New Zealand has attended the original and/or the 2nd Generation BRM course.

### Capt. Ravi Nijjer Marine Consultancy Group



Ravi has been dedicated to raising the professional status of Australian mariners over the last 4 decades. He conducted the first Bridge Resource Management and Advanced Marine Pilots Courses in Australia.

Prior to that Ravi guided many Australian and international mariners to achieve professional marine qualifications whilst head of RMIT Victoria Navigation School.

### Pricing and Timing of Courses

BRM courses are run at regular intervals throughout the year. For the latest dates and current pricing, see Smartship's website for details.

**Booking contact: Ravi Nijjer** [ravi.nijjer@marcon.com.au](mailto:ravi.nijjer@marcon.com.au)



#### Location

Da Vinci 3.03, Boronia Road,  
Brisbane Airport, QLD 4009



#### Phone

General enquiries +61 7 3358 9300  
AEDT during business hours



#### Website

[www.smartshipaustralia.com](http://www.smartshipaustralia.com)

**This course equates to 10 points for professional development valid for 5 years as per the Training Standards for Australian Marine Pilots.**