

# USER MANUAL – WAMIT Version 7.0

## List of Updates and Revisions

This document lists updates in the WAMIT User Manual, with brief explanations. It is intended to assist users by calling attention to updates, and indicating when it is appropriate to download the latest edition of the complete manual, or separate chapters thereof.

Changes in the Manual are listed below, preceded by three integers (Chapter, Section, Page). Note that page numbers may change from previous editions.

### Updated 1 October 2012

- - - Implemented extensive PDF bookmarks for improved navigation of document.
- - - Updated reference to equations, sections and figures in Chapters 1, 4, 5, 6 & 7.

### Updated 18 April 2012

- 2 1 2 added information regarding USERID\_PATH and `readme.txt` file
- 4 7 35 added restrictions regarding USERID\_PATH

### Updated 22 March 2012

- 3 7 8 Factor  $KL$  added to definition of  $V_j$
- 13 - - Chapter describing F2T revised
- References - 3 References 29-30 added

### Updated 7-8 March 2012

9 5 10 reference to IALTPOT=1 and 'with IALTPOT=2' are removed  
9 5 11 words including 'IALTPOT=1' are removed  
12 1 4 modified last paragraph to explain tank hydrostatics  
13 2 2 IPERIO=2 replaced by IPERIN=2  
A 5 17 reference to ICTRSURF removed, Chapter 14 corrected to Chapter 11  
A 13 47 reference to IALTPOT=2 removed  
A 13 47 reference to ICTRSURF removed, Chapter 14 corrected to Chapter 11  
A 14 56 IALTPOT and MAXSCR removed from the input file `test14a.cfg`  
A 17 73 IALTPOT=2 removed from the input file `test17c.cfg`

### **First issued 1 March 2012**

0 - 2 The date of the revised Manual is shown on page 0-2.  
4 3 14 The value of IOPTN(7) is used in the same manner as Options 8 and 9, to control which combinations of wave periods are included in the evaluations of the drift force and moment.  
4 7 25 The new parameter IALTCSF is added to the configuration file input list.  
4 7 26 The value of IALTCSF designates Alternative 1 or 2 for evaluating the drift force and moment from a control surface.  
4 7 31 Description of ISOR changed for Options 6 and 7.  
4 7 36 The new parameter IALTCSF is added to the configuration file input list.  
5 1 2 Second line under OPTN.9 is added under OPTN.7 (drift moment about moving origin)  
5 2 4 Reference to Figure 12-2 replaced by Figure 15-2.  
11 - 1-2 Alternatives 1 and 2 explained using new configuration parameter IALTCSF  
15 9 14 IOPTN(7) replaced by IALTCSF