

MINUTES OF MEETING		SIMMAN 2008	
SIMMAN 2008 Meeting of organizers and co-organizers no. 9		Workshop on Verification and Validation of Manoeuvring Simulation Methods www.simman2008.dk	
Participants Fred Stern (IIHR), Kristian Agdrup (FORCE), Claus D. Simonsen (FORCE), Pat Purtell (ONR)			
C.C. to Frans Quadvlieg (MARIN), Riccardo Broglia (INSEAN), Joe Gorski (NSWC), Sun Young Kim (MOERI), Pierre Perdon (BEC), Zao-Jian Zou (SJTU), Takanori Hino (NMRI), Andrés Cura (HSVA), Key-Pyo Rhee (Seoul National University), Suak-Ho Van (MOERI), David Hess (NSWC), Hironori Yasukawa (Hiroshima Univ.), Michio Ueno (NMRI), In-Young Koh (NSWC), Serge Toxopeus (MARIN), Adolfo Marón (CEHIPAR), Joe Longo (IIHR), Yasuo Yoshimura (Hokkaido University), Evgeni Milanov (BSHC), Lanfranco Benedetti (INSEAN)			
Date June 23, 2008	Place FORCE, Lyngby, Denmark		
No. of pages 2	Minutes taken by Kristian Agdrup (FORCE)	Action items	
<p><u>Agenda</u></p> <ol style="list-style-type: none"> 1. Status of EFD issues 2. Status of remaining action items from Minutes of Meeting #8 3. Plan for final proceedings 4. Next meeting 		No.	Responsible
<p><u>1. EFD issues</u></p> <p>Numbers below refer to action items from Minutes of Meeting #8. Deadline for clarification and possible update of EFD data: 1st September.</p> <p>KCS:</p> <p>#3,4: Marón has agreed to review and update CEHIPAR PMM results to check questions (phase delay, high frequency components issue, additional rudder and propeller forces). Comments from Broglia will be forwarded.</p> <p>NMRI CMT/PMM: it was decided not to pursue further analysis of the NMRI data since these tests were performed at different parameters incl. yaw rate than in test case</p> <p>#5: New PMM tests at FORCE are planned, but date not fixed (2009). Will not be used in final comparisons, but used for future work.</p> <p>#6: BSHC prelim report on uncertainty analysis on free model tests including repeat tests was received just before meeting and results look good (total uncertainty on turning circle trajectory within 4%). It was suggested to BSHC to include tests at different GM-values in their EFD paper. Some questions need clarification, Agdrup to send details.</p> <p>#7: Kim has informed that MOERI will perform CPMC tests including UA at end of July, test program to be forwarded to SIMMAN organizers for comments. This data will not be used in final comparisons, but used for future work.</p> <p>KVLCC:</p> <p>#8: Kim has informed that MOERI will correct PMM data from ship to model SPP by July and thereby compare directly with INSEAN data. With reference to re-analysis by KP Rhee the influence of SPP is substantial, and the organizers find this correction important for the final comparisons. Plan is to make updated data available via FTP server as soon as ready to allow participants to update their simulations.</p> <p>#9: Comments from re-examination of INSEAN PMM data was received from Benedetti just before meeting. Agdrup to check whether all questions are resolved.</p>		<p>#1</p> <p>#2</p> <p>#3</p> <p>#4</p> <p>#5</p> <p>#6</p>	<p>Marón</p> <p>Agdrup</p> <p>Agdrup/Milanov</p> <p>S.Y. Kim</p> <p>S.Y. Kim</p> <p>Agdrup/ Benedetti</p>

<p>#10: Stern to contact CTO before or at ITTC to obtain data. Otherwise CTO will be removed from list of co-organizers in final proceedings.</p> <p>5415:</p> <p>#11: MARIN to provide iges definition with skeg/plug</p> <p>#12: Quadvlieg has informed that correction and extension of free model data is in progress.</p> <p>#13: MARIN to provide raw data from PMM/CMT tests</p>	<p>#7</p> <p>#8</p> <p>#9</p> <p>#10</p>	<p>Stern</p> <p>Quadvlieg</p> <p>Quadvlieg</p> <p>Quadvlieg</p>
<p>2. Other action items (refer to Minutes from Meeting #8)</p> <p>#1: done</p> <p>#2: pending (October)</p> <p>#14: pending (October)</p> <p>#15: pending (July)</p> <p>#16: done</p> <p>#17-22: pending (October)</p> <p>#23-24: done</p>		
<p>3. Plan for final proceedings</p> <p>The previously agreed schedule was updated as follows:</p> <ul style="list-style-type: none"> • 1st Sept – questions to model tests and simulation results clarified/updated • 1st Sept – submission deadline for EFD papers • end Oct - submission deadline for chairmen’s summary and conclusion sections and EFD overview sections • end Dec – final proceedings sent out to participants on CD-ROM 		
<p>4. Next meeting</p> <p>Next SIMMAN meeting will be during ITTC in Fukuoka in September. Preliminary agenda:</p> <ul style="list-style-type: none"> • Review of updated EFD data and papers • Decision on contents of final proceedings incl. which plots to use in updated comparisons • Agreement of plan for completion of final proceedings • Other as needed 		