

GoR - Structures and Materials

54th Meeting held at INTA, Torrejón de Ardoz - Spain, on 20/21 April 2006

20 April 14.00 p.m.

AGENDA

1. Opening remarks and adoption of Agenda

2. Summary Records 53th GoR SM meeting

3. Action Items

53.1	Angel Barrio Cardaba	Give General presentation on EADS-CASA MTA
53.2	Thea van der Helm	Remove A. Blom from the co-ordinates list.
53.3	Paul Curtis	Ask Andrew Clarke to be an IpoC for the UK.
53.4	Tasadduq Khan	Ask for an IpoC at EADS-CCR, France
53.5	Thea van der Helm	Check GARTEUR report Ref. Numbers (Marc van Beek) AG25 and AG27. Give GARTEUR Ref. Number to Mr. Hiley for Final Report SM AG27(through M. van Beek)
53.6	Jose Maroto	Send letter to the Council saying that the letters of adherence and acceptance for SM AG28 have been sent to the Spanish member INTA by Florence Roudolff. Jaap Wiggeraad will contact Jose Maroto about this.
53.7	Klaus Rohwer	Will report status on management SM-AG28
53.8	Paul Curtis	Will address Rafael Avila Dominguez at AIRBUS Spain for interest in SM-AG29.
53.9	Roger Ohayon	Monitor that Michelle Wilows present SM-AG30 in the 54 th Meeting 2006, in Spain.
53.10	Michelle Wilows	Will present SM-AG30 in the 54 th Meeting 2006, in Spain.
53.11	Jose Maroto & Mario Farioli	GoR chairmen of S&M and HC to link Spring meetings SM-AG30 & HC-AG15.
53.12	Jaap Wiggeraad	SM-EG28 a) organise meeting together with GoR S&M. b) get people together. c) update proposal and send to the GoR.
53.13	Aniello Ricio	SM-EG30 a) organise a meeting(7 December). . b) get people together. c) update proposal and send to the GoR.
53.14	Aniello Ricio	SM-EG31 a) organise a meeting date. . b) get people together. c) update proposal and send to the GoR.
53.15	Jaap Wiggeraad	Jaap to send an e-mail to Daniel Osmont (ONERA) with names of interest parties for to participate in EG 32.
53.16	All	To propose Paul Curtis, names of interest parties for to participate in EG 33 .
53.17	Paul Curtis	SM-EG33 Mass Estimation a) organise a meeting date. . b) get people together. c) update proposal and send to the GoR.
53.18	All	All GoR members will give a 10 minutes presentation, by nation, on the topic nanotechnology during next meetin in Spain.
53.19	Tasadduq Khan	Inform the GoR concerning progress of AMERICO project.

53.20	Roger Ohayon	Will send an A4 proposal on Morphing Wing presentation.
53.21	Thea van der Helm	Ask Aniello Riccio about Morphing Wing presentation in CAPUA meeting.
53.22	Paul Curtis/ Jaap Wiggeraad	Will check if there is interest in Automated composites fabrication.
53.23	Sören Nilsson	Sören will give a presentation on shape control actuators.
53.24	Thea van der Helm/ Jaap Wiggeraad	Will send the "Report to the Council" to Jose Maroto.
53.25	Jaap Wiggeraad	Will check with the Council what to do with the website now the chair has changed.
53.26	Jaap Wiggeraad	Will ask GARTEUR secretary about Certificate for Florence Roudloff.
53.27	Thea van der Helm	Ask Hans Schröder about his retirement, whether he will be attending the next meeting.

4. Progress reports and status on current AG's

AG 27	<i>Fractographic Aspects of Fatigue Failure in Complex Composites</i>	P. Curtis
AG 28	<i>Impact Damage and Repair of Composite Structures</i>	K. Rohwer

5. Progress reports on current EG's

EG 28	<i>Material Properties during curing</i>	J.F.M. Wiggeraad
EG 30	<i>Damocles3</i>	A. Riccio.
EG 31	<i>Damage growth in composites</i>	A. Riccio.
EG 32	<i>Smart Actuators for Aerodynamic Surfaces or Devices</i>	R. Ohayon.
EG 33	<i>Mass Estimation for Composites Airframes</i>	P. Curtis.

6. Possible new activities, preparation pre-proposal(A4-format)

1. Structural integrity high speed machined parts	H. Ansell
2. Health Monitoring	T. Khan
3. Thru-thickness	P. Curtis
4. High temperature composites	P. Curtis
5. Nanotubes	J. Dee (<i>excused</i>)
6. Morphing Wing	R. Ohayon

7. Technology watch and new ideas

8. Presentations

• Nanotubes (AI 53.18)	Jonathan Dee
• Shape control actuators (AI 53.23)	Sören Nilsson
• AG30 (AI 53.9)	Michelle Willows
• General presentation on EADS CASA MTAD (AI 53.1)	A. Barrio Cardaba

9. Report from the Council Meeting, 14/15 March on Hamburg

J. Maroto

10. Website update

J. Maroto./ J. Wiggeraad.

11. Any other business

12. Date and place of the next meeting

Closure of the meeting on 21 April at 11:00 hours

followed by a Tour around INTA Facilities: Structural Tests Area and CEPA (Center for Ariane Components Testing).