

Progress on Action Items from the First Meeting of ESEAS-RI Work Package 2 (WP2) and ESEAS Working Group 2 (WG2)

19 May 2003

WP2 Meet	Action Item	Month due	Status
1	WP2/WG2-1-1: All participants at the meeting to send copies of their presentation material to the ESEAS Central Bureau (ESEAS CB) as pdf files.	03/03	Partly completed: 5 out of 16 pdf files have links on the ESEAS web site under http://www.eseas.org/easeas-ri/management/meetings/
1	WP2/WG2-1-2: Hans-Peter Plag to put forward the thoughts of WP2/WG2 on the recommended specifications on GPS equipment and RINEX conversion software to be used at ESEAS Observing Sites, and make these available to Emin Ayhan and WP4/WG4 through the ESEAS web pages.	03/03	Completed in 03/03: Published on ESEAS web site under http://www.eseas.org/easeas-ri/management/status/wp4/tasks/t4.3/ (Ref: e-mails of 6 and 7 March 2003 from Hans-Peter Plag and Richard Bingley to ESEAS CB).
1	WP2/WG2-1-3: Hans-Peter Plag to contact Guy Woppelmann regarding the status of the revised French proposal and the issue relating to the identification of ESEAS CGPS data so that the ESEAS GPS data centre can be established as soon as practicable, either at ULR, France or at NMA, Norway.	03/03	In progress: The revised French proposal has still not been submitted. Hans-Peter Plag to inform Guy Woppelmann that the ESEAS GPS data centre will be established at NMA, Norway, with a disclaimer to say that "anyone taking the data to make it available to 3 rd parties must acknowledge ESEAS as the source of the data." (Ref: personal communication from Hans-Peter Plag at Project Team meeting on 15 May 2003).
1	WP2/WG2-1-4: Hans-Peter Plag to report on the results and recommendations of the IERS SBL regarding the use of station motion models for atmospheric loading	03/03	In progress: There will be a report available before Task T2.3 is ready to start processing. (Ref: personal communication from Hans-Peter Plag at Project Team meeting on 15 May 2003).
1	WP2/WG2-1-5: Halfdan Kierulf and Hans-Peter Plag to report on whether the global parameters re-computed by SOPAC or IGS TIGA-PP can fulfil the requirements of ESEAS.	03/03	Completed in 04/03: The answer is no. IGS TIGA-PP is not doing any complete recomputation of orbits. SOPAC have done a recomputation of orbits, but they do not produce any clock information. However, since 2000, the IGS products do fulfil the requirements of ESEAS. The question remains on what to do about the orbits and clocks for data prior to 2000? (Ref: e-mail of 28 April 2003 from Halfdan Kierulf to WP2).
1	WP2/WG2-1-6: Halfdan Kierulf and Hans-Peter Plag to circulate a first draft of the document being prepared for task T2.1 to all members of WP2/WG2.	04/03	Completed in 04/03: A draft document (version 0.1) describing the strategy has been compiled and circulated. With input from WP2/WG2-1-7, a revised draft document (version 0.2) has been compiled and circulated. Estimated month for final document (version 1.0) is 05/03. After that coordination with EUREF and IGS TIGA-PP is anticipated, possibly leading to version 1.1.

			(Ref: e-mails of 3 April 2003, 28 April 2003 and 13 May 2003 from Halfdan Kierulf to WP2).
1	WP2/WG2-1-7: All members of WP2/WG2 to comment on the draft document prepared for task T2.1 and all partners involved in task T2.3 to provide detailed information on their software and processing strategy as input to the document.	04/03	Completed in 05/03: The draft document (version 0.1) was discussed and input was incorporated in the draft document (version 0.2). Further input has been requested for the final document (version 1.0). (Ref: e-mail of 20 March 2003 from Coskun Demir to NMA, NERC-POL and UNOTT; e-mails of 3 April 2003 and 28 April 2003 from Halfdan Kierulf to WP2; e-mail of 9 May 2003 from Norman Teferle to Task T2.1; e-mail of 13 May 2003 from Halfdan Kierulf to WP2).
1	WP2/WG2-1-8: Ryszard Zdunek to contact AIUB, Coskun Demir to contact MIT and Simon Williams to contact SCIGN for clarification and advice on the implications of including baselines of a few kilometres with baselines of several hundred kilometres when carrying out a network solution based on double-differenced data.	04/03	Partly completed: Coskun Demir contacted MIT and received a reply from Bob King in 03/03. For GAMIT, MIT suggested that there would be no problem with long observation sessions. Still awaiting inputs from SRC re: Bernese. (Ref: e-mail of 20 March 2003 from Coskun Demir to NMA, NERC-POL and UNOTT).
1	WP2/WG2-1-9: Norman Teferle to send a brief report to Hans-Peter Plag recommending which quality parameters should be extracted from the s file produced by teqc to form part of a data time series file for monitoring the quality of the data in the archive prior to processing.	04/03	Completed in 05/03: A draft document (version May 6, 2003) has been compiled and circulated for comments. (Ref: e-mail of 6 May 2003 from Norman Teferle to WP2/WG2).
1	WP2/WG2-1-10: Norman Teferle to contact Hans-Peter Plag with details of the quality parameters, that can be extracted from the s file produced by teqc, which could form part of a solution time series file.	04/03	Completed in 05/03: A draft document (version May 6, 2003) has been compiled and circulated for comments. (Ref: e-mail of 6 May 2003 from Norman Teferle to WP2/WG2).
1	WP2/WG2-1-11: All members of WP2/WG2 to contact Hans-Peter Plag with suggestions for the solution time series file and all partners involved in task T2.3 to contact Hans-Peter with details of the quality parameters, that can be extracted from the output files produced by their respective softwares, which could form part of a solution time series file.	04/03	Partly completed: Coskun Demir contacted MIT and received a reply from Bob King in 03/03 re: GAMIT. Still awaiting inputs from UNOTT, ROA, UPC and SRC re: GIPSY and Bernese? (Ref: e-mail of 20 March 2003 from Coskun Demir to NMA, NERC-POL and UNOTT).
1	WP2/WG2-1-12: Hans-Peter Plag to discuss the development of the data and solution time series files with the EUREF TWG to see if they would be interested in working with ESEAS on its' development.	03/03	Completed in 03/03: The answer is yes. Furthermore, EUREF TWG would also be interested in discussing the development of site documentation. (Ref: personal communication from Hans-Peter Plag at Project Team meeting on 15 May 2003).
1	WP2/WG2-1-13: Hans-Peter Plag to propose a format for the data and solution time series files based on the information supplied and the discussions with the EUREF TWG and circulate this to all	04/03	In progress: Waiting for input from WP2/WG2-1-11. There is the potential to have a consistent format within ESEAS, IERS and EUREF (and IGS?). Site documentation is being discussed at an IERS

	members of WP2/WG2 for comments.		<p>meeting in Matera in 10/03. This meeting may also discuss time series files.</p> <p>(Ref: personal communication from Hans-Peter Plag at the Project Team meeting on 15 May 2003).</p>
1	WP2/WG2-1-14: Simon Williams and Norman Teferle to circulate a first draft of the document being prepared for task T2.2 to all members of WP2/WG2.	04/03	<p>Completed in 05/03: A draft document (version May 13, 2003) describing the strategy has been compiled and circulated. Estimated month for the final document is 06/03.</p> <p>(Ref: e-mail of 13 May 2003 from Simon Williams to WP2)</p>
1	WP2/WG2-1-15: All members of WP2/WG2 to comment on the draft document prepared for task T2.2 and all partners involved in task T2.2 to provide detailed information on their software and strategy as input to the document.	04/03	<p>Delayed: The draft document (version May 13, 2003) is awaiting input from NMA and discussion within the task team.</p> <p>(Ref: e-mail of 13 May 2003 from Simon Williams to WP2)</p>
1	WP2/WG2-1-16: Halfdan Kierulf and Hans-Peter Plag to report on the results from their tests and give recommendations on the best approach to computing a global common mode bias for the analysis of coordinate time series produced by ESEAS GPS data analysis centres using PPP.	05/03	<p>In progress: NMA have done some work on a European scale, using European IGS stations to solve for a common mode bias for stations in Norway. Hans-Peter Plag raised the issue of an IGS common mode bias at the IGS workshop.</p> <p>(Ref: personal communication from Hans-Peter Plag at the Project Team meeting on 15 May 2003).</p>
1	WP2/WG2-1-17: Coskun Demir to prepare a draft of the information to be requested in terms of precise levelling height differences between the PTGBM and any other geodetic markers within a few kilometres of the tide gauge.	05/03	Not known.
1	WP2/WG2-1-18: Coskun Demir to continue the development of the software for the analysis of deformations based on precise levelling.	05/03	<p>In progress: The software has been tested on the Antalya II local benchmark network.</p> <p>(Ref: report from Coskun Demir in the Annex of Management Report No 1 released on 12 May 2003).</p>