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ETS MS REGISTRY TESTING

REGISTRY of Romania

TEST RESULTS AND EVALUATION REPORT

Document History

Version	Date	Comment	Modified Pages
0.00	17/4/2009	Document created by VELGHE Ronald	All
1.00	14/07/2009	Input of test results by Stjernstroem Susanne	All
1.1	24/11/2009	Draft final version by Cécile Pierce	All

1. GENERAL INFORMATION

This report documents the results of the testing activities conducted by the Member States registry administrator or the assigned testing coordinator in order to demonstrate the ability of the registry to perform the processes required under the ETS and its good functioning in conjunction with the Community Independent Transaction Log and in accordance with Art. 72 of *Commission Regulation (EC) No 2216/2004* for a standardised and secured system of registries pursuant to Directive 2003/87/EC of the European Parliament and of the Council and Decision 280/2004/EC of the European Parliament and of the Council, as amended by *Commission Regulation (EC) No 916/2007* and by *Commission Regulation (EC) No 994/2008*.

1.1. Guiding principles and Assumptions

The conformity of the tested registry software is verified against the requirements elicited in:

- The *Commission Regulation (EC) No 2216/2004* for a standardised and secured system of registries pursuant to Directive 2003/87/EC of the European Parliament and of the Council and Decision 280/2004/EC of the European Parliament and of the Council, as amended by *Commission Regulation (EC) No 916/2007* and by *Commission Regulation (EC) No 994/2008*.
- The *Data Exchange Standards for registry systems under the Kyoto Protocol - TECHNICAL SPECIFICATIONS (Version 1.1)*, document containing the description of the processes, transaction types and supplementary transaction types applicable to the EC registry system (Downloadable from <https://quickplace.unfccc.int/QuickPlace/itl-rsa>).

These documents contain the detailed specifications of the technical aspects of the system, including the details of the WSDL and the definitions of the process flows to be tested.

1.2. Test Identification

Tested Registry	Romania
Tested Registry Software (Name + Version number)	Greta 4.1
Date of the tests	13 th and 14 th July 2009
Registry Administrator	Hortensia Dumitriu
Person responsible for Testing for the Registry on behalf of the Member States	Adriana Marsolea Valentina Sterian
Testing Environment (name + version number of ITL and CITL)	ITL 1.7.2.3 CITL 3.3.4
Testing scenario (version number)	ETS Test 2009 version 1.0
Person responsible for Testing on behalf of the European Commission	Susanne Stjernstroem

2. SUMMARY AND CONCLUSIONS

2.1. Demonstrated Capability

The Central Administrator has completed the tests in accordance with the testing procedures set out in Annex XIII of the Commission Regulation (EC) No 2216/2004 for a standardised and secured system of registries pursuant to Directive 2003/87/EC of the European Parliament and of the Council and Decision 280/2004/EC of the European Parliament and of the Council.

The Central Administrator certifies that:

The Registry has successfully passed all mandatory test cases and is ready to release.

The Registry has failed x test cases but was able to complete the testing procedure. The errors need to be addressed, but may still be released.

The Registry has failed x test cases but was not able to complete the testing procedure. The errors need to be addressed prior to the release of the software. The Registry is still required to complete the testing procedure.

2.2. System Limitations

The following were not tested as the functionality is not implemented in Greta software version 4.1

Test case	Description	Consequences to the operation
4-1	Upload amended NAP for CP1 Add an installation	Increased workload for the Commission
4-2	Upload amended NAP for CP1 Increase the allocation amount	Increased workload for the Commission
7-3	External transaction (incoming) with 2 unit types	No immediate consequence
9-2	Update account – non-visibility of phone and address	Data protection not flexible
9-3	Update account – visibility of address and non-visibility of phone	Data protection not flexible
9-4	Update of permit number	Manual intervention needed
10-1	Upload NAP to revoke permit	Manual intervention needed
11-5	Upload Compliance XML	Manual intervention needed
12-2	Upload amended NAP for adding Installation	Increased workload for the Commission
12-3	Allocate to new installation	Manual intervention needed
13-3	Conversion of non allocated units	No immediate consequence
13-4	Retirement of non allocated units	No immediate consequence
15-1	Increasing NAP	Increased workload for the Commission
15-2	Increasing NAP	Increased workload for the Commission
15-3	Decreasing NAP	Increased workload for the Commission

N.B. The functions corresponding to the tests not performed will be disabled in the CITL until such time as the tests have been completed successfully.

2.3. Comments/recommendations

The Automated NAP amendment function should be implemented as soon as possible.

3. DETAILED RESULTS

Annex I contains the steps of the test scenario, together with the results obtained during the conformity testing.

The tests of Type M were deemed Mandatory for the software to pass the conformity test and allow conversion and retirement of surrendered units by 30 June 2009 in accordance with Article 59 of *Commission Regulation (EC) No 916/2007*.

Signed on behalf of the Central Administrator

Yvon SLINGENBERG
Head of Unit

Annex I

Step	Description	Type	Result	Remarks
2-1	Create Party Holding Accounts	M	OK	
2-2	Create Operator and Personal Holding Accounts	M	OK	
3-1	Upload NAP for CP1	M	OK	
4-1	Upload amended NAP for CP1 Add an installation			The function is not available in the tested software
4-2	Upload amended NAP for CP1 Increase the allocation amount			The function is not available in the tested software
5-1	Issuance of AAUs	M	OK	
5-2	Issuance of EAUs	M	OK	
5-3	Allocation for 2008	M	OK	
5-4	Allocation for 2009	M	OK	
6-1	Internal transaction from PHA to OHA	M	OK	
6-2	Internal transaction from OHA to OHA	M	OK	
6-3	Internal transaction from OHA to Person HA	M	OK	
6-4	Internal transaction from Person HA to PHA	M	OK	
6-5	Internal transaction from OHA to PHA	M	OK	
6-6	Internal transaction from PHA to OHA with two unit types		OK	
6-7	Internal transaction from OHA to Person HA with two unit types		OK	
6-8	Internal transaction from Person HA to PHA with two unit types		OK	

Step	Description	Type	Result	Remarks
7-1	External transaction (outgoing)	M	OK	Sent to ES-100-108-0
7-2	External transaction (outgoing) with 2 unit types		OK	Sent to ES-100-108-0
7-3	External transaction (incoming) with 2 unit types		OK	Sent from NO-100-1-0
8-1	Cancellation	M	OK	
9-1	Update account, change SAR and PAR	M	OK	
9-2	Update account – non-visibility of phone and address			The function is not available in the tested software
9-3	Update account – visibility of address and non-visibility of phone			The function is not available in the tested software
9-4	Update of permit number			The function is not available in the tested software
10-1	Upload NAP to revoke permit			The function is not available in the tested software
10-2	Close account	M	OK	
11-1	Update Verified Emission	M	OK	
11-2	Surrendering for installation 1	M	OK	
11-3	Surrendering for installation 2	M	OK	
11-4	Update VE	M	OK	
11-5	Upload Compliance XML			The function is not available in the tested software
12-1	Create Operator Holding Account	M	OK	
12-2	Upload amended NAP for adding Installation			The function is not available in the tested software
12-3	Allocate to new installation			The function is not available in the tested software
13-1	Conversion of surrendered units	M	OK	
13-2	Retirement of surrendered units	M	OK	
13-3	Conversion of non allocated units			The function is not available in the tested software

Step	Description	Type	Result	Remarks
13-4	Retirement of non allocated units			The function is not available in the tested software
13-5	Kyoto retirement	M	OK	
14-1	Positive reconciliation	M	OK	
14-2	Negative reconciliation	M	OK	
14-3	Manual intervention	M	OK	
14-4	Positive reconciliation	M	OK	
15-1	Increasing NAP			The function is not available in the tested software
15-2	Increasing NAP			The function is not available in the tested software
15-3	Decreasing NAP			The function is not available in the tested software