

Subject:
HMA-S Project KO

Project/Business Category:
HMA-S / Future Ground Systems

Author:

Company:

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Participants (Attendees)

Name	Company	Name	Company
<i>Yves COENE (YCE)</i>	<i>SPACEBEL</i>	<i>Corentin GUILLO (CGO)</i>	<i>ASTRIUM</i>
<i>Simone GIANFRANCESCHI (SGI)</i>	<i>INTECS</i>	<i>Pier Giorgio MARCHETTI (PGM)</i>	<i>ESRIN</i>
<i>Steven SMOLDERS (SSS)</i>	<i>GIM</i>	<i>Jordi FARRES (JFS)</i>	<i>ESRIN</i>
<i>Uwe VOGES (UVS)</i>	<i>CON TERRA</i>	<i>Stephen KIEMLE (SKE)</i>	<i>DLR</i>
<i>Daniele MARCHIONNI (DMI)</i>	<i>TELESPAZIO</i>	<i>Jerome GASPERI (JGI)</i>	<i>CNES</i>
<i>Philippe MOUGNAUD</i>	<i>ESRIN</i>	<i>Jean-Noel HOURCASTAGNOU (JNH)</i>	<i>CNES</i>
<i>Fabrice BRITO (FBO)</i>	<i>TERRADUE</i>	<i>Michael SCHICK (MSK)</i>	<i>EUMETSAT</i>
<i>Arnaud CAUCHY (ACY)</i>	<i>ASTRIUM GEO</i>	<i>Giovanni DI MATEO (GDM)</i>	<i>JRC</i>
<i>Olivier BAROIS (OBS)</i>	<i>ESRIN</i>	<i>Andrea DELLA VECHIA (ADV)</i>	<i>ESRIN</i>

Distribution Participant Plus

Name	Company	Name	Company
<i>Pedro Gonçalves</i>	<i>TERRADUE</i>		

Minutes	Actions
<p>Agenda: Contractual Matters with Siemens. 9h30 – 9h40: 1. Welcome and Introduction 9h40 – 10h00: 2. Consortium and Organisation Presentation 10h00 – 12h00: 3. Specification Activities Presentation (10 min presentation – 5min QA per interface specification): 3.1. OpenSearch Geo-Temporal 3.2. OpenSearch Feasibility 3.3. EO Data Access 3.4. OpenSearch Download 3.5. EO Metadata 3.2. Identity Management 3.3. ebRIM CIM 3.4. WPS 2.0 12h00 – 12h10: 4. OGC Team Engine 12h10 – 12h30: 5. Technical Coordination Presentation 12h30 – 13h30: Lunch 13h30 – 14h40: 6. Demonstrators Presentation (10 min per interface specification) 6.1. Identity Management 6.2. EO Metadata 6.3. ebRIM CIM 6.4. WPS 2.0 6.5. OpenSearch 14h40 – 14h50: 7. HMA-S Test Bed 14h50 – 15h00: 8. Conclusion</p>	
<p>Welcome and Introduction (CGO)</p>	
<p>JNH is asking what is the link between this HMA-S with HMA-I projects for example.</p>	

Minutes	Actions
<p>PGM: All the HMA-S requirements are coming from either HMA related project or from HMA AWG. All the review meetings which are contractually linked will be joint with the HMA AWG. Most of the technical work will be focused on specification, but it will be addressed as a normal ESA project</p>	
<p>Consortium and Organisation Presentation (CGO)</p>	
<p>PGM: For each of the spec, the submission is going into OGC SWG. The schedule is not highlighting that most of the activities are happening before (cf. 3 weeks rules)</p>	
<p>UVS: All the specification have to be finalised before the meeting, so for mid-February for the TC mid-March</p>	
<p>ACY: WPS 2.0 should be submitted for July and not wait the September TC. SO, any related inputs need to be submitted before the summer. This should not be such a problem as much of our needs belong to the action.</p>	
<p>Specification Activities Presentation</p>	
<p>OpenSearch Geo-Temporal and EO(FBO)</p>	
<p>The following naming convention is adopted:</p> <ul style="list-style-type: none"> • OGC Paper: OpenSearch Geo-Spatial and Temporal Extension • Shortcut: OpenSearch Geo-Temporal Extension/Protocol 	
<p>The following naming convention is adopted:</p> <ul style="list-style-type: none"> • OGC Paper: OpenSearch Extension to Search Earth Observation Products • Shortcut: OpenSearch EO Extension/Protocol 	
<p>UVS: OpenSearch response offers a link with related product. Then you re-use the OS url with the first returned url to search for slaves products</p>	
<p>PGM: What's the status of CSW 3.0</p>	
<p>UVS: CSW 3.0 technically finalised but it will take around 1.5 years (at minimum 6 months) to get it adopted</p>	
<p>PGM: We need to the OS as part of the CSW 3.0 as it is too slow</p>	
<p>UVS: OS is already a mandatory binding of CSW 3.0</p>	
<p>PGM: What is HMA interest to support OS as a mandatory binding from CSW 3.0.</p>	
<p>UVS: Only HTTP/KVP is the only mandatory binding which obviously link the OS extension additionally and OpenSearch Description Document must be provided (available at the base URL of the Catalog) and the KVP binding must support ATOM-feed response</p>	
<p>The problem is the linkage of OS with CSW which constraint its adoption process to the same as CSW 3.0 In that case, OS will have to be withdrawn from the CSW adoption process</p>	

Minutes	Actions
UVS: This could be possible and would make sense to have an approved OS specification prior to the CSW 3.0 adoption. In that case Terradue will have to talk to OGC (Carl Reed) to make it	
TERRADUE (PGS) has to remove the dependence between CSW 3.0 and OS and create a specific SWG for the OS. In that case, CSW 3.0, WFS will have to make reference to the Geo-Temporal	PGS#01
ACY clarifies that OGC would like to limit the number of SWG and it might be difficult to create a new one specific to OS	
JGI: Is OS supporting free text search (Ontology OS extension)?	
FBO: This might be possible at the implementation level but quite difficult to specify	
Following OBS question about EO metadata, PGM clarifies that the EO Metadata tasks are addressed with GIM and reflected within the OS	
ngEO ICDs have been provided as inputs to HMA-S; TERRADUE will have to make sure that any changes or evolution happening in OS and impacting ngEO are reported to HMA-S Technical Responsible and then to ESA.	
OBS has to provide the last version of the applicable ngEO ICDs to HMA-S Consortium	OBS#01
OBS: How are the new search parameters such as Ingestion Date, Metadata Source which are not supported yet?	
CGO: EO Metadata will be updated by GIM and taken into account by OS then	
FBO clarifies that interferometry and multi catalogue and correlation searches are addressed in the Search extension	
OpenSearch Feasibility (CGO)	
<p>The following naming convention is adopted:</p> <ul style="list-style-type: none"> • OGC Paper: OpenSearch Extension for Earth Observation Satellite Tasking • Shortcut: OpenSearch Feasibility Extension/Protocol 	
JGI: If we converge both Search and Feasibility extensions, how do we deal with Ingestion and archiving dates in addition to acquisition?	
UVS: CNES uses OS for harvesting which is not the purpose of OS but CSW. Nevertheless, this point will be addressed during the specification activities	
EO Data Access (DMI)	
DMI: EO Data Access doesn't make really sense to be adopted at OGC level as it is not related to geo aspects.	
YCE: In addition, it doesn't respect the OGC prerequisites such as Web service or GetCapabilities operation	
CGO remind that although we have agreed to push this document as a BP, we'll have a discussion prior to the OGC TC to see if we go back to a TN	
OpenSearch Download (DMI)	

Minutes	Actions
<p>The following naming convention is adopted:</p> <ul style="list-style-type: none"> OGC Paper: OpenSearch Extension to Download Earth Observation Products Shortcut: OpenSearch Download Extension/Protocol 	
<p>Following OBS concerns, PGM clarifies that following ngEO needs, the download options (GetOptions) should be the same of the order options; while the DREAM project needs require to have all the operation to be implemented KVP</p>	
<p>OBS explains that in ngEO, there are options which inherit from other options (for example hard delivery options could offer hard drive, memory stick, DVD or CD options)</p>	
<p>YCE proposes to have one url parameter with long expression into parenthesis to define the hierarchy.</p>	
<p>OBS has to provide the Sentinels option list</p>	OBS#02
<p>DMI has to assess the way the complexity has to be handheld with OBS. Should this be a list of complex parameter or a single parameter with an un-controlled list of keys?</p>	DMI#01
<p>EO Metadata (SSS)</p>	
<p>Do the requirements coming from ngEO already reflect the sentinel and other ESA needs, SSS has to iterate with the CDS TO (Jolyon Martin) and with the person working on SAFE (Paulo Sacramento).</p>	SSS#01
<p>SSS has to raise the call for further evolution requirements on the HMA forum</p>	SSS#02
<p>SSS has to analyse the INSIRE data specification on ortho imagery and on the basis of this analysis potentially propose evolutions to the EO metadata profile of O&M</p>	SSS#03
<p>ebRIM CIM (UVS)</p>	
<p>Spacebel, Intecs and GIM have agreed to become SWG voting members</p>	
<p>WPS 2.0 (ACY)</p>	
<p>YCE has to organise an ad-hoc teleconference with ACY, SGI and JGI to discuss WPS approach wrt the GetStatus</p>	YCE#01
<p>Identity Management (YCE)</p>	
<p>MSK has to provide the technical information on how they implemented the inclusion of a SAML token in the HTTP get requests at EUMETSAT to YCE</p>	MSK#01
<p>OGC Team Engine</p>	
<p>This presentation has been skipped but they will be uploaded on the wiki</p>	
<p>Technical Coordination Presentation</p>	
<p>This presentation has been skipped but they will be uploaded on the wiki</p>	

Minutes	Actions
Demonstrators Presentation	
These presentations have been skipped but they will be uploaded on the wiki	
HMA-S Test Bed	
This presentation has been skipped but they will be uploaded on the wiki	
Conclusion	
<p>Next milestones:</p> <ul style="list-style-type: none"> • PR1: 20th February 2013 (prepare the 3 weeks rule submissions) – 10 to 12 CET VC • OGC TC Dubai: 18th March 2013 • SRR: 16th May 2013 Specification with HMA-AWG and 17th AM May 2013 for the demonstrator 	
<p>Each CR needs to be presented at the PR1 before submission to the different OGC SWG according to the 3 weeks rules.</p> <p>The updated specification will be presented, discussed and agreed on the 16th of May in presence of the HMA AWG.</p>	
<p>All presentations need to be communicated to CGO to be uploaded on the wiki</p> <p>Same process to be used for the TN</p>	CGO#01
<p>HMA-S KO successful, advance payments can be claimed by the consortium on ESA-P with signed MoM attached.</p>	

Date:

Pier Giorgio MARCHETTI – ESA/ESRIN HMA-S Technical Officer.



Date:

08 February 2013

Corentin GUILLO - Astrium Ltd. Project Manager