

Minutes of IST/36 meeting of 2<sup>nd</sup> July 2018 held at BSI Chiswick

#### Attending

Peter Parslow, Committee Chair (PP)  
Les Rackham, Individual Capacity – Geographic Information (LR)  
Roger Lott, UK Expert – ISO/TC 211 Control body for the geodetic registry network (RL)  
Neil Silley, GeoPlace (NS)  
Doug Specht, British Cartographic Society (DS)  
Rob Walker, Individual Capacity – Metadata (RW) – via phone  
Matt Jinman, Office for National Statistics (MJ)  
Alex Babington, Association for Geographic Information, Meeting Secretary (AB)  
Vanessa Tatler, Committee Service Centre (CSC)

#### 1. Apologies

Apologies were received from Jon Harrod-Booth, Chair – EPL/278 (JHB), Sean Gaffney, M E D I N – Marine Environment Data and Information Network (SG), Nick Nisbet, buildingSMART UK (NN)

#### 2. To review the Constitution and Membership

- i. To welcome and note new organisation and people

Matt Jinman was welcomed to the committee as the replacement ONS nominee

- ii. To monitor the status of invitations for organizations and people to join the committee

PP reported that he is waiting for a response from iStandUK to put forward a nominee to the committee, the person that they want to nominate is currently on parental leave.

- iii. To consider those organization no longer represented and the impact on the balance of representations of the committee.

Action 17/09 – SG to report back to the Chair on the future NERC representation is carried forward to the end of the year, awaiting the completion of NERC reorganization, as previously minuted.

- iv. To review the Co-opted, liaison and WG expert category members as current and valid.

Nothing reported.

#### 3. Standing items

- i. Conflicts of interest.

None

- ii. Declarations of IPR for published standards and work in progress

None

#### 4. Future meetings

i. Quarterly meeting at BSI

Previously confirmed:

Monday, 1<sup>st</sup> October 2018

Monday, 7<sup>th</sup> January 2019

Monday, 1<sup>st</sup> April 2019

Confirmed:

Monday, 1<sup>st</sup> July 2019

ii. Monthly telephone conference

Previously confirmed:

9:30, Monday, 6<sup>th</sup> August 2018

9:30, Monday, 3<sup>rd</sup> September 2018

Confirmed:

9:30, Monday, 5<sup>th</sup> November 2018

9:30, Monday, 3<sup>rd</sup> December 2018

5. To confirm the minutes of the meeting held on 9<sup>th</sup> April 2018

The minutes were accepted with a correction to section 2ii, paragraph 3, where Peter Kavanagh was minuted instead of James Kavanagh

6. Committee leadership

i. Committee chair

Action 18/08 – PP to provide approximate timings for agenda items to aid those joining by phone or WebEx. There were no requests for WebEx but PP used this meeting to test keeping the agenda to a timed schedule, there was some discussion on whether this could risk interrupting discussion to stick to the time allocations, however until it is actually used it is difficult to tell. **Action carried forward.**

PP displayed his Chair's report for the meeting, but each section was discussed under the relevant agenda item - [https://ecommittees.bsi-global.com/llbsi/llisapi.dll/65693108/Peter\\_Parslow\\_report\\_to\\_IST36\\_July\\_2018.docx?unc=doc.Fetch&nodeid=65693108](https://ecommittees.bsi-global.com/llbsi/llisapi.dll/65693108/Peter_Parslow_report_to_IST36_July_2018.docx?unc=doc.Fetch&nodeid=65693108).

ii. AGI secretarial report

Action 18/09 – AB to update Standards Resources page on the AGI website to make the link through to the minutes more explicit. AB has updated the website and the minutes of the last four meetings are available on the Standards Resources page

(<https://www.agi.org.uk/agi-groups/standards-committee/standards-resources>), there is also a link to all of the minutes previously uploaded to the website going back to July 2016. **Closed.**

iii. Secretariat support through CSC

PP reported that ISO have announced they will switch from WebEx to Zoom, PP enquired if BSI would be likely to do the same, CSC confirmed that this is not the case and BSI will be sticking with WebEx.

7. Outreach

i. Business Plan

Action 18/01 – CSC to remove Mark Richardson from the committee. CSC reported that the request has been sent to the relevant team and is due to be actioned soon. **Carried forward.**

Action 18/02 – CSC to change Jacky Duncan to papers only member of the committee. CSC reported that the request has been sent to the relevant team and is due to be actioned soon. **Carried forward.**

PP will spend more time on the Business Plan in the next meeting.

**Action: PP to initiate a review of the Business Plan with the committee at the next quarterly meeting.**

ii. Communication Plan

Action 16/23 – AB to contact AGI SIGs to check for any interest in IST/36 activities. AB has approached AGI with a request for them to send out a message on behalf of IST/36 to all of the SIGs to see if there is interest in IST/36. **Carried forward.**

The committee reviewed the communication plan and PP encouraged all members to get involved, it was recognised that more could be done externally.

8. British Standards

i. BS7666

Action 17/13 – RW to check draft version of BS7666 is compatible with ISO 19112. RW cannot progress this action until the draft version of BS 7666 is ready. **Carried forward until the draft version of BS 7666 is ready.**

Action 18/05 – AB to liaise with CSC over changes to BS7666 for business plan. CSC and AB have been exchanging emails on what is needed for the business plan. The reason for the request is that BSI need to be able to estimate the amount of work involved in creating the standard, for this either a draft version of the standard or an annotated version with all the changes marked is required. This information will then go into the business case which goes into a BSI proposal. As BS7666 is a high earner BSI Marketing

Team will also be involved before it goes to the BSI Proposal Team, these teams meet every few months. **Carried forward.**

Action 18/10 – CSC to enquire of the critical dates for the BS7666 review. CSC reported that there are no critical dates for the review. **Closed.**

Action 18/11 – PP to relay to OS the urgency of the task in light of the critical dates and for AB to be granted the time to complete the task. PP reported that AB has now been allocated five days a month for the review across July, August and September. AB has also asked Ron Wilkinson (Improvement Service) and NS if they have time available to help if there is limited progress, both have said yes but Ron is only available from August onwards. **Closed.**

The committee discussed the next steps for progressing the creation of a new BS7666 draft. Weekly conference calls will be set up, the first of which will be to discuss a plan of action going forward.

**Action: AB to create weekly conference calls for BS7666.**

**Action: AB to draft a plan for creating BS7666 draft and distribute it on Wednesday, 4<sup>th</sup> July 2018**

It was noted that there is currently no information on the AGI website regarding the BS7666 draft.

**Action: AB to update the AGI website giving an update on BS7666 review.**

PP was having conversation with the Valuation Office Agency (VOA) and asked them what addressing standards they use, they were not aware that IST/36 looked after BS7666 and it was unclear what standards they did use, VOA could be very interested in BS7666.

ii. UK GEMINI

Version 2.3 of UK GEMINI went live in the last week of June, the AGI pages have been updated (<https://www.agi.org.uk/agi-groups/standards-committee/uk-gemini>).

The public review produced some 20 comments – but only two people outside the Metadata Working Group commented; one of them is an IST/36 member. The working group resolved all the comments, and the AGI's web support team were asked to transfer the new content to the live AGI site.

James Passmore has a little more work to do on the Schematron files & associated documentation, he has been asked to estimate when that will complete – this is beyond the work which AGI have funded BGS to do. The Working Group would prefer only to announce the new version when we're reasonably confident of when the Schematron will also be available. We hope this will be during July.

PP will be communicating to a wider group in early July.

RW suggested it would be worthwhile carrying out a review of the project. There are certainly lessons to be learnt. PP will action the members of the sub-committee to

provide initial thoughts on lessons to be learnt. PP will then work out a way to carry out a review with the group.

**Action: PP to initiate a project review of GEMINI 2.3**

It was discussed how ongoing support will work, particularly as when more people start to use it issues could be found, as it may be over the next 18 months that people start to use it a reasonable process needs to be created. The GEMINI pages themselves each have a last change date on them, meaning minor editorial changes can be managed within the current version, however some changes could possibly increment the version number. There is an AGI email address for enquiries to be sent, however the GEMINI pages have AB's email address for enquiries, it would be better to use the [gemini@agi.org.uk](mailto:gemini@agi.org.uk) and have that email address forwarded to the best parties.

**Action: AB to contact AGI and ask for emails to [gemini@agi.org.uk](mailto:gemini@agi.org.uk) to be forwarded to PP.**

## 9. ISO/TC 211

### i. Recent ballots and comments

See the latest ballot sheet and the summary below:

ISO Standard	Stage	Title	Vote
19111	DIS	<a href="#">Referencing by coordinates</a>	Approved
19160-6	NP	<a href="#">Draft ISO/NP 19160-6,Addressing — Machine interchange syntax</a>	No comments submitted
19106:2004	Review	<a href="#">ISO 19106:2004 Geographic information -- Profiles</a>	Confirmed
19125-1:2004	Review	<a href="#">ISO 19125-1 2004 - Geographic information -- Simple feature access -- Part 1: Common architecture</a>	Confirmed
19125-2:2004	Review	<a href="#">ISO 19125-2 2004 - Geographic information -- Simple feature access -- Part 2: SQL option</a>	Confirmed
19145:2013	Review	<a href="#">ISO 19145 2013 - Geographic information - Registry of representations of geographic point location</a>	Confirmed
19123-2	FDIS	<a href="#">ISO/FDIS 19123-2 Geographic information - Schema for coverage geometry and functions - Part 2 Coverage implementation schema</a>	Abstained
19139-1	DTS	<a href="#">ISO/DTS 19139-1 - Geographic information - Metadata - XML schema implementation - Part 1 Encoding rules</a>	Approved with comments

The reviews received a default vote of Confirmed as a vote was not given to CSC, which PP apologised for.

### ii. Votes pending

Action 18/13 – RW to email the ISO/TC 211 Secretariat about the errors in reformatting the standards, then depending on the response, PP to raise with Secretariat at the Copenhagen meeting and, if necessary, raise at the plenary. RW emailed the Secretariat but did not get back a very good response, PP raised at the Copenhagen meeting, but others did not seem so concerned. It has happened before, and it will likely happen again. **Closed.**

See the latest ballot sheet for votes pending and the summary below:

ISO/NP 19156, Geographic information - Observations and measurement, there is concern about compatibility with previous documents, there needs to be clear traceability to previous version of the standard. The committee agreed to vote yes.

Draft ISO/NP 19162 Geographic information -- Wellknown text representation of coordinate reference systems (CIB Resolution 2018-02), the committee agreed to vote yes.

ISO/NP 19168-1, Geographic information - Web feature services - Part 1: Core, this is known to OGC as WFS 3.0 and is more web friendly. There is concern that another standard exists with the same name (ISO 19142:2010 Geographic information -- Web Feature Service), the committee agreed to vote yes. Post meeting note: OGC WFS 3.0 is out for public comment

(<http://www.opengeospatial.org/pressroom/pressreleases/2830>).

The ISO/TC 211 Business plan is available for comment, the document is primarily aimed at senior ISO members. Initial thought from IST/36 included, there is much extraneous content on the state of the world but not a lot of information on the plan, there should at least be a link to the work programme.

**Action: RW and LR to provide PP with comments on the TC 211 Business Plan.**

iii. Review nominations to working groups and PTs

See the latest ballot sheet for a full list of nominees.

There are several long running Ad-Hoc groups which TC 211 is turning into Advisory Groups. Ad-hoc groups are intended to be short term; Advisory Groups can be permanent. As a result, some Ad-Hoc groups have been closed and Advisory Groups created in their place.

Call for a chair and members to an ad hoc group on improving engagement (CIB Resolution 2018-07), this group has formed off the back of a paper written by IST/36 about reorganising the Working Groups, where it was deemed the primary reason for reorganising the working groups was to increase engagement with those contributing to standards and those using standards. PP nominated as member, no nomination for the Chair of the group.

Call for members to the Advisory group Control Body for the ISO Geodetic Register (CIB Resolution 2018-04), this work has been ongoing for about a decade, partly due to

funding issues and partly due to the terms to host an ISO registry, the Norwegian Mapping Authority had agreed to host the registry but is not comfortable with the ISO terms, the Chair of TC 211 has been trying to create new terms that could be agreed with the Norwegian Mapping Authority, however they will now only host the registry until the end of the year. ISO are looking for someone new to host it which will include paying for changes to it. It was asked how this is different to the EPSG registry, which originally came from DGIWG to TC 211 in 2004, not all CRSs will go into the ISO registry as the ISO registry is only meant to take international CRSs e.g. not BNG. In the meantime, everyone is using the EPSG registry and will most likely continue to use it. The committee has nominated RL to the group.

Call for members to the Advisory Group to support UN-GGIM (CIB Resolution 2018-03), DS nominated.

Reinitiate the work on the revision of ISO 19105, Conformance and testing, as 36-month project and call for expert (CIB Resolution 2018-05), the committee previously voted in favour of this revision but there is no one to nominate.

Call for a project leader for the revision of ISO 19148:2012, Geographic information – Linear referencing (CIB Resolution 2018-06), JHB is nominated to this project but is unable to lead.

- iv. 46<sup>th</sup> ISO/TC 211 meeting in Copenhagen, Denmark - 2018-05-28/06-01

See Head of Delegation report – [https://ecommittees.bsi-global.com/llbsi/llisapi.dll/65396869/TC211\\_2018M06\\_HoD\\_report.docx?func=doc.Fetch&nodeid=65396869](https://ecommittees.bsi-global.com/llbsi/llisapi.dll/65396869/TC211_2018M06_HoD_report.docx?func=doc.Fetch&nodeid=65396869)

- v. 47<sup>th</sup> ISO/TC 211 meeting in Wuhan, China – 2018-11-12/11-17

PP is checking with OS.

RL intends to go but it will depend on budget.

## 10. CEN/TC 287

CEN/TC 287 continues to rebadge ISO standards as CEN standards to ensure they are mandated within the EU.

There are several standards coming through from ISO which are not going through as a parallel vote with CEN, this causes an issue for BSI as they are unable to replace an existing CEN standard with a new ISO one, if an ISO standard has to go through as an FDIS it can add six to eight months onto the process. CSC has been trying to investigate why parallel votes are not initiated and is getting different answer from different places.

**Action: CSC to investigate further about the lack of parallel votes.**

## 11. Other activities

- i. INSPIRE

PP continues to attend their Architecture & Interoperability Board (AIB), as part of his OS job. The AIB has recommended, and the UK INSPIRE Compliance Board has agreed, that their system (involving data.gov.uk) should switch over to GEMINI 2.3 by December 2019. Scotland is recommending their people start to create GEMINI 2.3 by March/April 2019.

Defra needs to discuss implementation of this with GDS, in the context of GDS re-writing data.gov.uk, and the context of 'data policy' lead moving from GDS to DCMS – while 'geospatial policy' may move from Defra to Geospatial Commission.

The INSPIRE conference takes place in Antwerp, Belgium, 18-21 September 2018, whilst the conference is about INSPIRE it also covers how countries are using geographic data. <https://inspire.ec.europa.eu/conference2018>.

ii. OGC

No one from IST/36 went to the last OGC meeting. There was no OGC leadership at the last TC 211 meeting, the Chair of TC 211 has been trying to get the two organisations closer together, but it seems OGC are moving away. The Joint Action Group (JAG), which is meant to have joint leadership from both organisations, does not have an OGC Co-Chair as they have retired and there has not been a replacement.

The OGC are re-writing their Abstract Specifications which will include a part on features and geometries, similar to ISO 19125. There has already been an OGC vote and it is now out for public comment until the 27<sup>th</sup> July 2018, [http://www.opengeospatial.org/standards/requests/170?utm\\_source=phplist604&utm\\_medium=email&utm\\_content=HTML&utm\\_campaign=OGC+seeks+public+comment+o+n+Part+1+of+the+Features+and+Geometries+Candidate+Standard](http://www.opengeospatial.org/standards/requests/170?utm_source=phplist604&utm_medium=email&utm_content=HTML&utm_campaign=OGC+seeks+public+comment+o+n+Part+1+of+the+Features+and+Geometries+Candidate+Standard).

iii. British Cartographic Society

DS is presenting at the UK Mapping Festival on Wednesday, 5<sup>th</sup> September 2018. The festival runs from 4<sup>th</sup> – 6<sup>th</sup> September 2018. More details can be found on the website <http://events.verisk.com/events/uk-mapping-festival-2018/event-summary-67f99cfd6a43404383d2a00346b708e1.aspx>.

iv. UK government data infrastructure

PP is organising a "Geographic Standards for UK – the priorities" workshop. He has had positive response from BGS, Defra, MOD, ONS, OS, and VOA who will send speakers; UKHO may do; he's still chasing Met Office and need to chase Land Registry and Coal Authority.

On the 3<sup>rd</sup> July he intends to select one or more dates from a Doodle poll, PP requested some help in planning the day and a rapporteur or two for the day itself, RW and LR kindly volunteered. The plan at the moment for the day is for someone from the Geospatial Commission to open the workshop, then for each organisation to provide an introduction on what standards they use, then look at the commonality and also show what IST/36 does.

v. AGI

Action 18/14 – PP to liaise with AGI about the attendance of a Council member at IST/36. PP has emailed the AGI but has not had a response. **Carried forward.**

12. Other BSI committees

i. B/555 Construction, design, modelling and data exchange (BIM)

NN has been asked to coordinate a rapid push to include basic geotechnical information into Industry Foundation Classes (IFC). As ever, people are already doing this, but the addition of some new entities and property sets should help convergence. If any of the committee would like to be involved, or nominate others to be involved, then let NN know. There might be aspects of INSPIRE/GEMINI/Eurocode7 that seem relevant, NN is also interested if anyone is leading, but this is an international approach (not EU not U.K. specific).

B/555 has spun off a BSI committee on the build environment, CB/05 Digitalisation of the Built Environment strategy committee, PP is member because they recognise their need of geo.

Some BIM PAS's have been superseded by ISO standards and are being withdrawn, these have not been geo related standards but are based around information management.

ii. SDS/2 Smart and Sustainable Cities and Communities

DS will be going to the next SDS/2 meeting as PP cannot make it.

There is a vast amount going on, as it shadows so many committees. PP's key work remains with JTC1's WG11, where he represents OGC as well as being one of UK's three people.

WG11's various projects are progressing slowly; two of the three "parts" of 30145 should make it to CD by August. WG11 is producing a "white paper" for JTC1, describing the 'space' that exists for JTC1 to develop specifically "ICT" smart city standards.

iii. IOT/1

Action 18/15 – PP to e-mail CSC about the proposed liaison between IOT/1 and IST/36 and copy to Simon Navin. Is complete, Simon Navin is now liaison - IOT/1. **Closed.**

13. To review the matters arising from the Minutes of the meeting held on 9<sup>th</sup> April 2018

See actions table below

14. Any other business

Action 17/32 – AB to ask Jon Harrod-Booth for a report on connected and autonomous vehicles. AB has requested a report but is yet to hear back from JHB. **Carried forward.**

Actions outstanding from previous meetings

3<sup>rd</sup> October 2016 meeting

Action number	Agenda item	Action	Person	Progress

16/23	7ii	Contact AGI SIGs to check for any interest in IST/36 activities	AB	c/f
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3<sup>rd</sup> July 2017

Action number	Agenda item	Action	Person	Progress
17/09	2iii	Report back to the Chair on future NERC representation	SG	c/f
17/13	8i	Check that the draft revision of BS 7666 is compatible with ISO 19112	RW	On hold

2<sup>nd</sup> October 2017

Action number	Agenda item	Action	Person	Progress
17/32	14	Ask Jon Harrod-Booth for a report on connected and autonomous vehicles	AB	c/f

8<sup>th</sup> January 2018

Action number	Agenda item	Action	Person	Progress
18/01	7i	Remove Mark Richardson from the committee	CSC	c/f
18/02	7i	Change Jacky Duncan to papers only member of the committee	CSC	c/f
18/05	8i	Liaise with CSC over changes to BS 7666 for business plan	AB	c/f

9<sup>th</sup> April 2018

Action number	Agenda item	Action	Person	Progress
18/08	6i	Provide approximate timings for agenda items to aid those joining by phone or WebEx	PP	c/f
18/09	6ii	Update Standards Resources page on the AGI website to make the link through to the minutes more explicit.	AB	Done
18/10	8i	Enquire of the critical dates for the BS7666 review.	CSC	Done
18/11	8i	Contingent on 18/10 - relay to OS the urgency of the task in the light of the critical dates and for AB to be granted the time to complete the task.	PP	Done
18/12	8ii	Review GEMINI 2.3 on the AGI website and relay comments to PP	All members	Done

			of IST/36	
18/13	9i	e-mail the ISO/TC 211 Secretariat about the errors in reformatting the standards. Depending on the response, PP to raise with Secretariat at the Copenhagen meeting and, if necessary raise at the plenary	RW PP	Done Done
18/14	11v	Liaise with AGI about the attendance of a Council member at IST/36	PP	c/f
18/15	12iii	e-mail CSC about the proposed liaison between IOT/1 and IST/36 and copy to Simon Navin	PP	Done

2<sup>nd</sup> July 2018

Action number	Agenda item	Action	Person	Progress
18/16	7i	Initiate a review of the Business Plan with the committee at the next quarterly meeting.	PP	
18/17	8i	Create weekly conference calls for BS7666	AB	
18/18	8i	Draft a plan for creating BS7666 draft and distribute it on Wednesday, 4 <sup>th</sup> July 2018	AB	
18/19	8i	Update the AGI website giving an update on BS7666 review	AB	
18/20	8ii	Initiate a project review of GEMINI 2.3	PP	
18/21	8ii	Contact AGI and ask for emails to gemini@agi.org.uk to be forwarded to PP	AB	
18/22	9ii	Provide PP with comments on the TC 211 Business Plan	RW & LR	
18/23	10	Investigate further about the lack of parallel votes between CEN and ISO	CSC	