NMI Registry meeting, BIPM 14-15 April 2016

Day 1 agreements:

* Agreed to use DataCite metadata schema as basis
* Extensions to DataCite metadata will be worked out in detail by tiger team
  + Ray Plante (NIST), Graham Sims (NPL), Joachim Meier (PTB), Takeshi Saito (AIST)
* Data quality will be described through a series of assertions, yes/no checkboxes
* Will need metadata field to describe data access restrictions, if any
* Registry metadata will be in English only; NMI’s can build language-specific search interfaces

Day 2 agreements:

* Pilot registry will include both “gold” standard and other data to demonstrate to NMI directors ability to include other data but filter it out on query
* Minimum participation is to just register your NMI
* Need technical contact at BIPM for installation of registry software (will be Laurent Le Mee, with cc’s to Robert Wielgosz)
* Register resources at variety of granularity levels
* Tweaks on OAI-PMH to support harvesting between publishing registries
* Metadata payload will be XML; could convert to JSON or other format later if desired
* Pilot will include combination of NMIs using web interface to register, make their own XML, and deployment of NIST software stack (Russia, BIPM)
* Russia wants to send a developer/IT person to NIST for a week
  + Russia agrees to set up full copy of registry infrastructure
* BIPM wants us to send a developer/IT person to BIPM for a week
  + Can send Sharief and perhaps one of the French guest researchers working in Mary Brady’s group