Publishings
The Functional Requirements for Subject Authority Data (FRSAD): a conceptual model, final report of the FRSAR Working Group, was just published in June 2011 by De Gruyter Saur as volume 43 of the IFLA Series on Bibliographic Control. The German translation of FRAD, Funktionale Anforderungen an Normdaten, was published in late 2010 as volume 41 of the same series. Other new FRAD translations (Catalan, French, Italian, Russian, Swedish) are available online. While the pre-publication version of FRSAD remains available on the IFLA website, unfortunately the original English language report on the FRAD model, published in print in June 2009 (volume 34 of the series), is still not available as a freely-downloadable online publication for general use. This is having a negative effect on the uptake of the model by other communities. We have received permission for the Review Group members and members of other related Working Groups to have access via the FRBR RG members-only working wiki.

Namespaces
The Review Group's post-IFLA meeting on August 16, 2010 concentrated on issues to be resolved in relation to the declaration of namespaces for the FRBR family of conceptual models. The element sets for FRBRer are the most advanced, in May 2011 the status in the Open Metadata Registry was set to “Published”, meaning that the declarations can be used in applications. The FRAD and FRSAD element sets are well-advanced but still at the “New-Proposed” status. Thanks to Elena Escolano Rodriguez, Spanish translations for the element set labels have been added to the registry. The actual technical implementation of namespace functionality is the responsibility of the IFLA Namespaces Task Group, chaired by Review Group member Gordon Dunsire, working with the IFLA Webmaster. Updates on this work have appeared in SCAT news no. 35 (June 2011) as well as nos. 42 and 43 of the Classification & Indexing Section newsletter and the Dec. 2010 issue of the Information Technology Section newsletter.

Consolidation of the IFLA Conceptual Models
Substantive progress has been made with regards to the extension of the object-oriented statement of FRBR known as FRBRoo to include information from FRAD and FRSAD. This work has been done in collaboration with the ICOM CIDOC CRM Special Interest Group (SIG) at joint in-person meetings, as FRBRoo is an extension of the CIDOC CRM conceptual reference model for museum information. The 16th FRBR - CIDOC CRM Harmonization meeting, with representatives of the CIDOC CRM SIG and the IFLA FRBR Review Group, took take place in Nuremberg, Germany on December 20-22, 2010. The 2010
project funds partially supported the attendance of FRBR Review Group members Pat Riva and Maja Žumer, Patrick Le Boeuf was also in attendance. At this meeting the FRBR Review Group members presented the final entity-relationship FRAD and FRSAD models in detail and a first walk-through of the new entities, attributes and relationships in terms of object-oriented formalisation was done. The more detailed work resumed at the next meeting, the 17th FRBR - CIDOC CRM Harmonization meeting, which took place in Heraklion, Crete, Greece, on May 17-20, 2011. At this meeting, a detailed analysis of all aspects of the FRSAD model were completed, and the entities and attributes from the FRAD model were analysed. Writing up of the results in the format used for FRBRoo is now ongoing. The 2011 project funds supported, at least partially, the attendance of three members of the FRBR Review Group (Gordon Dunsire, Pat Riva, Maja Žumer) at this May meeting.

A further meeting will take place will take place in Amsterdam, Netherlands, on November 14-17, 2011, with the main objective of completing the analysis of the FRAD relationships, and refining the class and property descriptions already begun. The remaining project funds for 2011 will assist with FRBR Review Group representation at this meeting.

In addition, the work undertaken by the FRBR Review Group to develop namespaces for FRBR, FRAD and FRSAD entities and relationships has resulted in the identification of several issues related to the consolidation of models in entity-relationship form, and suggested strategies for their resolution. The FRBR Review Group has booked an all-day meeting for August 19, 2011 in San Juan, Puerto Rico, to continue this work.

**Discussion List**

The frbr@infoserv.inist.fr listserv, hosted by INIST in France, has continued to grow and currently has 850 subscribers. Pat Riva and Patrick LeBœuf remain the co-listowners. The listserv archive from the beginning of the list in 2002 to December 2010 is freely available as an RFT file manually compiled by Patrick LeBœuf at <http://infoserv.inist.fr/wwsympa.fcgi/d_read/frbr/FRBR_Listserv_Archive.rtf>. At that point the list was moved to a new server, permitting the creation of an automated archive accessible from <http://infoserv.inist.fr/wwsympa.fcgi/arc/frbr>.

**Working Groups**

The Working Group on Aggregates, chaired by Ed O'Neill, held two meetings during the Gothenburg conference and is scheduled to hold two meetings in San Juan. Throughout the year the group has discussed and analysed a series of examples with the intention of testing and evaluating the application of different modelling viewpoints. The WG is preparing a summary report to be submitted to the Review Group during the San Juan congress.

Pat Riva
Chair of the FRBR Review Group
July 31, 2011