

IT-014 Health Informatics Committee

Action Items

ISO/TC215 Health Informatics Plenary and Working Group Meeting

Durham, North Carolina, USA, October 2009

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Author: Heather Grain, IT-014 Health Informatics Committee Chair

With input from Australian Delegation and other employer funded Australians at the meeting:

- *Richard Dixon-Hughes (Delegate)*
- *Heather Grain (Delegate)*
- *Evelyn Hovenga (Delegate)*
- *Heather Leslie (Delegate)*
- *Anthony Maeder (Delegate)*
- *Klaus Veil (Delegate)*
- *Andrew Caswell (Standards Australia)*



THE MEETING OVERVIEW

Action:

A strategy for engagement with, and support for, informative and educative sessions for Australian healthcare decision makers and implementers in conjunction with national initiatives is required to improve knowledge, skills and risk management in Australia and ensure better utilisation of the standards available. It will provide a stronger view to the continuum of standards, in addition to the single year work plans.

ISO/TC215 EXECUTIVE AND OPERATIONS

AUSTRALIAN LEADERSHIP POSITIONS

Action:

As ISO/TC215 Nominating Member Body, Standards Australia, to confirm timetable for nominations, on-going availability and support for Heather Grain as Convenor of WG3 and, as appropriate, officially confirm her nomination for a further three year term in correspondence to the ISO/TC215 and WG3 Secretariats.

ISO/TC215 EXECUTIVE COUNCIL

Action:

Follow up by Standards Australia to ensure that the nomination of Richard Dixon Hughes (who is legally qualified) to assist in the re-drafting of the ISO/TC215 rules and guidelines is officially confirmed to and considered by the ISO/TC215 Chair and Secretariat.

Action:

IT-014 to form a small group of those experienced in ISO/TC215 matters to work with Standards Australia to consider, caucus with other like-minded nations and contribute to revision of ISO/TC215 guidelines and rules.

Action:

As ISO/TC215 National Member Body, Standards Australia to confirm status of the ISO/TC215 Business Plan and proposed process for its completion and regular update. Consideration should be given to sponsoring a motion on the Executive Council business paper in May 2010 to ensure that the business plan is kept up to date in accordance with ISO requirements.

SECRETARIAT FOR WG2

Action:

IT-014 community to identify and discuss:

(a) the resource implications if the role of WG2 Secretary is taken on by Australia in addition to the two secretariats already held

(b) if this substantive expansion in Australian office bearers within ISO/TC215 is likely to be acceptable to other nations, and

(c) how the matter should be progressed in collaboration with IT-014 and the ISO/TC215 Secretariat.

COLLABORATION WITH OTHER HEALTH INFORMATICS STANDARD DEVELOPMENT ORGANISATIONS – JOINT INITIATIVE COUNCIL AND JWVG9

JOINT INITIATIVE COUNCIL LEADERSHIP ACTIVITIES

Action:

Standards Australia needs to correspond with the Joint Initiative Council (and Joint Working Group) leadership teams, inform them of the current web page, get feedback and take any appropriate action to update/amend the existing Joint Initiative Council web page.

Action:

ISO/TC215/WG9 Secretariat at Standards Australia to note Joint Initiative Council concerns about the operation of WG9 and confer with the Australian ISO/TC215 Head of Delegation, the Chair of IT-014, WG9 Co-Chairs and Joint Initiative Council secretariat to ensure that WG9 effectively addresses the concerns of the Joint Initiative Council and performs its functions according to its charter.

JOINT INITIATIVE COUNCIL/JOINT WORKING GROUP PROJECTS

Action:

NEHTA AMT group to be kept informed of IDMP developments within IT-014.

Action:

Richard Dixon Hughes to continue providing input through HL7 EHR-Technical Committee teleconferences and meetings with input from IT-014-09 as appropriate. IT-014 to consider use in e-health product certification and seek other volunteers prepared to provide input.

Action:

It has been suggested (by Evelyn Hovenga) that potential experts on clinical trials at the University of Melbourne should be approached to participate in this as well as BRIDG work. The IT-014 Secretariat needs to follow up and get project status and details, with a view to approaching relevant Australian experts to ascertain their interest and ability to contribute.

Action:

Standards Australia/IT-014 to link with the work underway at University of Melbourne and to invite the team there to obtain an Australian expert to work on the project and to coordinate wider Australian input. BRIDG needs to be harmonised with all other ISO work items associated with clinical data representation and usage.

Action:

The three Australian experts nominated to work on the ISO/TC215 DCM project (Prof Evelyn Hovenga, Dr Heather Leslie and Richard Dixon Hughes) will need to assist the project lead, Dr William Goossen to address these issues in finalising the various project templates, scope documents and committee drafts for Joint Initiative Council approval.

ISO/TC215/WG9 LEADERSHIP

Action:

As ISO/TC215/WG9 Secretariat, Standards Australia, collaborate with the WG9 convenors and the JIC/ISO/TC215 Secretariat over the process for appointment of WG9 Co-Convenors to ensure that the process is progressed in a timely and appropriate manner. It would seem that WG9 may require its own set of rules (or a separate sub on the ISO/TC215 rules).

USE OF THE GLOSSARY AND STANDARDS REGISTRY

Action:

Heather Grain to advise Mark Shafarman on the frameworks being used.

Action:

Australia to consider support for and use of the tool both at a national level, and internationally.

WG1 DATA STRUCTURE AND WG8 EHR REQUIREMENTS

DENTAL ELEMENTS WITHIN THE EHR (PROPOSED WORK ITEM)

Action:

IT-014 needs to consult with relevant potential experts and nominating bodies to identify whether there is local interest in participating in the project.

Action:

As WG8 Secretariat, Standards Australia will need to confer with the WG8 leadership and obtain background on the proposal and issues in preparation for O&H committee discussion and process for resolution of the project scope.

HL7 TEMPLATES MANAGEMENT PROJECTS

Action:

(IT-014-09) There is a need for clinical content harmonisation, even if this only starts with a single repository/resource/library/registry/index for existing clinical models of all types. Supporting multiple repositories will only encourage additional fragmentation and be harder to bring together in the future. Australia needs to identify a position on this issue.

ISO/HL7 10781 – HL7 EHR SYSTEM FUNCTIONAL MODEL

Action:

IT-014 to ensure those in Australia with responsibilities for systems certification and compliance are aware of ISO/HL7 10781 availability as an International Standard as the potential basis for internationally recognised Australian profiles.

Action:

Richard Dixon Hughes to continue making contribution to R2 (when possible) via participation in HL7 EHR Working Group weekly teleconferences and reconciliation with 18308 and other ISO standards.

ISO/TECHNICAL REPORT 1439 BUSINESS REQUIREMENTS FOR AN E-HEALTH ARCHITECTURE FOR DEVELOPING AND EMERGING COUNTRIES

Action:

Nominated Australian experts to participate in the project team and keep IT-014 secretariat advised of developments. A team meeting has been suggested for January 2010

ISO/TECHNICAL REPORT 14292 PERSONAL HEALTH RECORDS – DEFINITION, SCOPE, CONTEXT AND GLOBAL VARIATIONS OF USE (NEW WORK ITEM)

Action:

Australia should have a close watching brief on this area of work, and involve experts where identified.

STANDARDS CONVERGENCE TO PROMOTE EHR INTEROPERABILITY

Action:

When the New Work Item Proposal ballot for this item is received, Australia will need to consult those among the health informatics standards community that are aware of the likely issues and not delay in preparing an appropriate, well informed response, anticipating that we may be seeking either rejection or substantial modification of such a broadly scoped proposal.

OTHER ISSUES

Action:

Standards Australia to facilitate sufficient IT-014-09 meetings to enable discussions with a wider audience to take place regarding the various work items in WG1 and WG8. These meetings need to be at least a full day to cover the amount of material involved.

WG2 MESSAGING AND COMMUNICATION

OVERVIEW

Action:

This work requires consideration of incompatible terminologies and HL7 harmonisation. Australia will require a position on this work and should consider the potential to gain expertise through active involvement.

Action:

Australia should consider whether the pedigree representation standard is of value for tracking familial information anonymously in the I-EHR scheme.

ISO/TECHNICAL REPORT 28380 – IHE INTEGRATION PROFILES

Action:

Standards Australia / IT-014 should consider leveraging its liaison with IHE Australia to ensure NWI on IHE profiles received adequate expert attention for communication back to Australia.

ISO/DTS 13131 QUALITY CRITERIA FOR SERVICES AND SYSTEMS FOR TELEHEALTH

Action:

Australia should consider the extent and focus of its support of and involvement in the development of ISO/TS13131 and engage in consultation nationally to ensure applicability and feasibility of future uptake, within national strategic directions for telehealth.

WG3 SEMANTIC CONTENT

GUIDANCE ON MAINTENANCE OF OID REGISTRIES IN HEALTH

Action:

One representative from each organisation will participate in further teleconferences after the Durham meeting to progress this work. This includes Richard Dixon-Hughes from Australia (as JTC1/ISO/TC215 liaison).

TRADITIONAL MEDICINE

Action:

Given that Australia offered to mentor China into ISO/TC215 in 2006, they look to Australia for assistance. Australia needs to consider what form that assistance should take and the level to which we are prepared to be involved.

Action:

Australia should consider the desirability and benefits of further participation in the TM activity, and align any future role on the TF or new Technical Committees with this position.

ISO 17117 CRITERIA FOR CATEGORISATION AND EVALUATION OF TERMINOLOGICAL SYSTEMS

Action:

Jurisdictions to review and become familiar with health terminology issues in order to provide comments when this work goes out to ballot. Members of IT14/2 would be happy to assist.

ISO 12975 PRINCIPLES AND GUIDELINES FOR THE MAINTENANCE OF TERMINOLOGICAL SYSTEMS

Action:

Consider mechanisms to obtain jurisdictional, vendor, NEHTA, health care organisation and professional engagement input into this activity.

ISO/TECHNICAL REPORT NEW WORK ITEM PROPOSAL 14668 – GUIDELINES FOR THE PRINCIPLES AND DESIRABLE FEATURES OF CLINICAL DECISION SUPPORT SYSTEMS

Action:

IT-014 to obtain engagement with the Quality and Safety community in Australia as well as ensuring that IT-014-02 (who developed the original Australian document) and relevant professional and vendor communities are given ample opportunity to contribute to, and learn from, this work item.

COMMON USER INTERFACE PROJECT (PRELIMINARY WORK ITEM)

Action:

IT-014 to obtain engagement with the Quality and Safety community in Australia as well as ensuring that IT-014-02 (who developed the original Australian document) and relevant professional and vendor communities are given ample opportunity to contribute to, and learn from, this work item.

ALERT INFORMATION IN HEALTH RECORDS

Action:

This work item is directly relevant to NEHTA activities and should be reviewed to determine Australia's required engagement. Our vendor community is also likely to be impacted and given the opportunity to contribute and comment on this work.

PROGRESSION OF OTHER WG3 WORK ITEMS

Action:

Consider mechanism for NEHTA and jurisdictional input to this activity.

WG4 SECURITY, SAFETY AND PRIVACY

Action:

Australia needs to monitor and encourage greater engagement of WG4 with IHE and HL7, especially with respect to ISO 27789 (Audit trails) and ISO/Technical Specification 14441 (Compliance testing)

which may impact on NEHTA IEHR strategy and future compliance aspects, especially if either achieves the status of a full International Standard and/or is adopted as part of the EU e-health-INTEROP framework.

ISO/DTS 14265 CLASSIFICATION OF DATA PURPOSES FOR PROCESSING OF PERSONAL HEALTH INFORMATION

Action:

Australia should be having broad input into this area of work – specifically through IT-014-04 and closer liaison with relevant NEHTA personnel including the Head of Privacy.

SECURITY ASPECTS OF EHR DATA MIGRATION (NEW WORK ITEM)

Action:

There is no current Australian involvement; however, when the New Work Item Proposal ballot is received, IT-014 will need to circulate it widely and seek broad input. Some of the major technology companies (Microsoft, Kodak) also have interests in these issues and may be prepared to make some comment. Australia needs to be part of the active review of this proposal as it is likely to become an increasingly important issue as we move toward a population having lifetime EHRs/PHRs.

ISO/CD 27789 HEALTH INFORMATICS – AUDIT TRAILS FOR ELECTRONIC HEALTH RECORDS

Action:

Australia should be having broad input into this area of work, and consider involvement in the clinical audit work proposed.

WG4 DOCUMENTS AWAITING PUBLICATION – FOR NOTING

Action:

For IT-014-04 to note and recommend any relevant Australian action including alerting NEHTA and relevant personnel working on Australian national e-health activities, whether local adoption or modification is warranted for potential inclusion in publicity or training activities.

PREVIOUSLY PUBLISHED WG4 DOCUMENTS – FOR NOTING

Action:

For IT-014-04 to note and recommend any relevant Australian action including alerting NEHTA and relevant personnel working on Australian national e-health activities, whether local adoption or modification is warranted for potential inclusion in publicity or training activities.

SAFETY AND QUALITY TASKFORCE

Action:

It is not clear how this task force will progress. It is suggested that Australia continue to attend these discussions to advise DoHA, NEHTA and IT-014 more fully as the scope and intent emerges more clearly.

WG6 – PHARMACY AND MEDICATION BUSINESS

FUTURE WG6 WORK AND AUSTRALIAN INVOLVEMENT

Action:

IT-014 to:

- engage with Paul Frosdick and Australian nominees on IDMP work in relation to the work and in preparation for Australian ballot responses
- discuss the possibility of forming a small task group and/or running a workshop on standards pharmacy and medication business requirements, and
- confirm the lists of those interested and capable to comment on matters relating to pharmacy and medication business requirements.

WG7 DEVICES

IEC/ISO 80001 – RISK MANAGEMENT FOR IT NETWORKS INCORPORATING MEDICAL DEVICES

Action:

Australia should participate in this item as security and risk are high on the national and state Health Reform agendas, and a major component of delay in e-health adoption.

ATTACHMENT A – GL OBAL HEALTH IT SUMMIT V

Action:

Contact NEHTA re planning participation/attendance in global health IT activity at Medinfo 2010 in Capetown (September 2010).