March 1986

TITLE: Summary of Voting on a Proposal for a NWI on Specification for a Set of Common, Language-Independent Data Types (doc. 97 N1613) and Letter Ballot

SOURCE: ISO/TC97/SC22 Secretariat

WORK ITEM: 97.22.17

STATUS: New

CROSS REFERENCE: 97/22 NO70, 97 N1573

DOCUMENT TYPE: Summary of Voting and Letter Ballot

ACTION: Member Bodies of SC22 are requested to review the UK comments submitted on this NWI proposal and to return the attached letter ballot by April 30, 1986, indicating whether or not the definition of the NWI should be modified.

Address reply to: ISO/TC97/SC22 Secretariat
J.L. Côté, 140 O’Connor St., 10th Floor
Ottawa, Ont., Canada K1A 0R5
Telephone: (613)957-2496 Telex: 053-3336
LETTER BALLOT

From the Member Body of: __________________________

On Modifying the NWI On Specification for a Set of Common, Language-Independent Data Types.

This Letter Ballot is to be returned by each 'P' Member Body to the ISO/TC97/SC22 Secretariat by 1986-04-30.

* We approve the modification of the New Work Item.

or

* We disapprove the modification of the New Work Item.

or

* We abstain from voting.
  ('P' Member Bodies have an obligation to vote)

* Delete whichever does not apply.

Place and Date: __________________________

Signature: __________________________
ISO/TC 97 N 1613

Date: 1986-02-07

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ORGANISATION INTERNATIONALE DE NORMALISATION

ISO/TC 97
INFORMATION PROCESSING SYSTEMS
Secretariat: USA (ANSI)

INFORMATION TO BE PROVIDED BY THE SUBMITTER:

TITLE: Summary of Voting on Document TC 97 N 1573
Proposal for a New Work Item on Specification
for a Set of Common, Language-Independent Data Types

SOURCE: Secretariat

PROJECT: 97.22.17

INFORMATION TO BE PROVIDED BY THE SECRETARIAT:

STATUS: New Work Item accepted into the programme
of work of TC 97

REQUESTED ACTION: Referred to SC 22 for development

DISTRIBUTION: P and L Members
SC 22 Secretariat
### Summary of Voting on Document TC 97 N 1573

Proposal for a New Work Item on **Specification for a Set of Common, Language-Independent Data Types**

<table>
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<th>TC97 'p' Members</th>
<th>Accept Proposal as Sufficient Definition</th>
<th>Support the NWI</th>
<th>Intend to Participate</th>
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Comments from U.K.

See Attachment

'O'
Members

Results of Voting:

X Proposal qualifies for acceptance into the programme of work and is assigned project number 97.22.17.

Proposal does not qualify for acceptance into the programme of work.

Secretariat Comments:

SC 22 is directed to review the U.K. comments concerning modifications to the purpose and references to existing work and documents. If SC 22 agrees to modify the new work item accordingly, TC 97 should be so notified.
UK Comment on Proposal for a New Work Item on Specification for a Set of Common, Language-Independent, Data Types (TC 97 N 1573)

Purpose

The second paragraph ('To provide a set of standard data types to be used .... in the transmission of data ....') should be deleted from the work item or the purpose should be qualified to avoid overlap and to define the boundary with existing TC 97 work items

97.21.17 Presentation service and protocol (including ASN.1 specification and encoding);

97.21.20 Formal description techniques for OSI

It is also not immediately apparent whether the purpose of the NWI is to produce a notation for abstract data types or to produce a specific set of abstract data types.

Existing work and documents

It is important that work in the following areas is referenced and taken into account in the development of the NWI

a) ASN.1 - DIS 8824 and DIS 8825 are aligned technically with the notation and encoding rules in X.409;

b) LOTOS - DP 8807 already uses ACT-ONE, a notation for abstract data type specification;

c) Database activities in TC 97/SC 21/WG 5, including the Information Resource Dictionary System (work item 97.21.6)

Subject to acceptance of our comments U.K. accepts the (modified) proposal, and adequate representation would need to be added to SC 22/WG 11 in language areas from both SC 21 and SC 22.