



Date: 1997-10-01

**ISO/IEC JTC 1/SC 21
OPEN SYSTEMS INTERCONNECTION,
DATA MANAGEMENT AND OPEN DISTRIBUTED PROCESSING
Secretariat: U.S.A. (ANSI)**

TITLE: Resolutions of the Thirteenth Meeting of ISO/IEC JTC 1/ SC21, 29 September - 1 October 1997, Victoria, British Columbia, Canada

SOURCE: ISO/IEC JTC 1/SC21

PROJECT: ---

STATUS: Resolutions adopted at the Thirteenth Meeting of ISO/IEC JTC 1/SC21, 29 September - 1 October 1997, Victoria, British Columbia, Canada

REQUESTED ACTION:

DISTRIBUTION: P and L Members
JTC 1/SC21 Officers

Address Reply to:

Secretariat - ISO/IEC JTC1- American National Standards Institute, 11 West 42nd Street, NY, NY 10036
Telephone: 212 642 4932; Facsimile: 212 398 0023; e-mail: LRAJCHEL@ANSI.ORG

Resolution 1: Recommendations from SC21/WG3

JTC1/SC21 has considered the requests listed in the recommendations of the SC21/WG3 meeting held in London in July/August, 1997 and requests its Secretariat to take the actions as noted in Attachment 1.

Approved

Resolution 2: Recommendations from SC21/WG7

JTC1/SC21 has considered the requests listed in the recommendations of the SC21/WG7 meeting held in Helsinki in July, 1997 and requests its Secretariat to take the actions as noted in Attachment 2.

Approved

Resolution 3: Recommendations from the ASN.1 Rapporteur Group

JTC1/SC21 has considered the requests listed in the recommendations of the ASN.1 Rapporteur Group meeting held in London in July/August, 1997 and requests its Secretariat to take the actions as noted in Attachment 3.

Approved

Resolution 4: Liaison with IATA

JTC1/SC21 notes the request from IATA for establishment of liaison with SC21 and requests JTC1 to approve the establishment of Category B liaison between IATA and SC33.

NOTE: SC21 is recommending that SC21 liaisons be adopted by SC32 and 33.

Approved

Resolution 5: Cancellation of Projects/Withdrawal of Standards

JTC1/SC21 requests its Secretariat to submit the following projects to JTC1 as candidates for cancellation and to remove them from the Programs of Work for SC32 and SC33.

Project Number	Reference	Title	Comment
1.21.20.02.02	ISO 8807/DAM1	Lotos - Graphical Representation	Proposed for cancellation in Kansas City if not published by the time of the next SC21 meeting
1.21.28.06.05.01	ISO/IEC 10164-14/Annexes	Confidence and diagnostic test categories	Published already as an annex, or inactive
1.21.12.08.01, 03, 04	ISO 8571-1,3,4/DAM3	FTAM Service Enhancements	No progression as second edition of standard cancelled
1.21.74	NP 14770	OSI Efficiency Technical Report	No progress, no active resources
1.21.60	CD 13796	Security association management and support	Insufficient resources and interest
1.21.19.03	ISO/IEC TR 10730/PDAM1	Naming and addressing tutorial for Directory Names	Cancel if text is not available by December 31, 1997
1.21.29.14.01, 02	ISO/IEC 14608-01, 02	Directory access PICS Pro forma	Withdraw when new versions are available
1.21.35.08	ISO/IEC 13650-1	TP test suite structure and test	Cancel if text is not completed by

		purposes	December 31, 1997

Approved

Resolution 6: Retention of the 1990 Version of the ASN.1 Standards

JTC1/SC21 notes the recommendation from the ASN.1 Rapporteur Group to withdraw the 1990 versions of the ASN.1 standards. However, JTC1/SC21 accepts the current requirement for retention of the 1990 versions. Finally, JTC1/SC21 also recognizes the need to encourage the transition to newer versions. SC21 therefore requests its Secretariat to confirm the continued need for these standards and recommends that SC33 hold a special joint meeting during the proposed Brisbane meeting to develop a formal transition plan.

Approved

Resolution 7: Retention of ACSE Standards and Re-numbering of A2CSE Standards

JTC1/SC21 requests its Secretariat to circulate the proposal in SC21 N11149 for letter ballot closing November 1, 1997 and to forward the results of the ballot for consideration at the A2CSE editing meeting.

Approved

Resolution 8: Response to AFNOR Position on Joint Work with the OMG

JTC1/SC21 has reviewed the AFNOR contribution SC21N11135, “Comments on document SC21N11020 - SC21/WG 7 Proposal on SC33 Strategy for Joint Work with OMG”.

JTC1/SC21, however, has agreed that a single person cannot determine any formal SC33 position on the OMG Architecture Board matters without conducting a vote amongst the member bodies of SC33. Thus, SC21 does not endorse a liaison representative formally voting on behalf of SC33.

SC21 does, however, endorse the notion of a RFP person (as described in SC21N11020) assisting and advising OMG members on Standards transposition matters.

Approved

Resolution 9: TP Maintenance

JTC1/SC21 assigns the maintenance of the Transaction Processing standards, including the XA standard, to the SC33 Maintenance Group in accordance with the terms of SC21N10667.

Approved

Resolution 10: SC32 Organization Meetings

The invitation to participate in a preliminary SC32 discussion meeting in Paris on October 14, 1997 co-located with the SC30 Plenary is noted. Dr. T. William Olle (UK) is authorized to attend this meeting and to present the content of SC21 N11146 (SC21 Proposals for the new SC32), SC21N11147 and SC21N11148. In addition, other active participants in SC21/WG3 are encouraged to attend this meeting.

JTC1/SC21 requests its Secretariat to forward SC21N11146, SC21N11147, and SC21N11148 to the Secretariats of SC14 and SC30 as soon as possible.

JTC1 has requested that SC32 and other new subcommittees resulting from JTC1 re-engineering hold formally convened

planning meetings prior to the next JTC1 plenary meeting in June 1998. SC21 therefore requests that the JTC1 Secretariat schedule a formally convened planning meeting prior to June 1998 Plenary in Sendai, Japan. This meeting should be scheduled at a date and location agreeable to SC14, SC21/WG3 and SC30.

Approved

Resolution 11: Response to JTC 1 Resolution 18

JTC1/SC21 has prepared the following documents in response to Resolution 18 from the eleventh meeting of ISO/IEC JTC1 (JTC1N5018). JTC1/SC21 requests its Secretariat to forward these documents to JTC1, to the SC21 NBLOs, and to SC32 and SC33:

21 N 11146	SC 21 proposals for the new JTC 1/SC 32
21 N 11147	SC 21 considerations concerning secretariat support
21 N 11151	SC 21 proposed strategy for SC 33 joint work with OMG
21 N 11152	SC 21 personnel
21 N 11153	SC 21 schedule of meetings
21 N 11154	SC 21 proposals for the new JTC 1/SC 33

Approved

Resolution 12: Proposed Actions on the Output from the Seattle and Berkeley Workshops

JTC1/SC21 approves document SC21N11148, "Proposed action on output from Seattle and Berkeley workshops", and requests its Secretariat to forward this document to SC32 for processing. In addition, SC21 requests its Secretariat to forward SC21 N11148 to JTC1 for information, noting the proposed timing of the planned workshop will necessitate approval by JTC1 prior to its June 1998 Plenary in Sendai, Japan.

Approved

Resolution 13: Proposed SC 33 Planning Meeting

SC 21 notes that SC 21 WG 7 is scheduled to meet in Berlin in January, 1998. In order to establish an operational SC 33 in as timely a manner as possible SC 21 requests JTC 1 to authorize the Berlin meeting to be the first planning meeting of SC 33. If approved, SC 21 requests the SC 33 Secretariat to issue a calling notice to NBs of SC21 and SC18.

Approved

Acclamations

Resolution 14: Hosting of Final Meeting

JTC1/SC21 wishes to thank the Canadian National Body for hosting the September, 1997 meeting of SC21. In particular, SC21 thanks Bob Sunday for his efforts in organizing and hosting the meeting in Victoria in an exceptional manner.

Acclaimed

Resolution 15: Appreciation to Sponsors

JTC1/SC21 thanks the sponsors of the Victoria meeting for their generous support both now and in the previous meetings held in Canada. The following organizations have made generous contributions: Nortel Technology (BNR), Digital Equipment Canada, the Canadian Standards Association, Microstar, AT&T Global Information Solutions (now NCR Corporation), Hewlett Packard, Mitel, IBM, University of Ottawa, Canon, Treasury Board Canada, Information Systems Management Corporation and the Canadian Interest Group on Open Systems.

Acclaimed

Resolution 16: Appreciation to Acting Chairperson

JTC1/SC21 thanks Mr. Bryan Wood, the acting Chairperson for this meeting, for stepping in to demonstrate how well meetings can be run and for setting a good example for the new SCs to follow.

Acclaimed

Resolution 17: Resignation of Chairperson

JTC1/SC21 accepts with regret the resignation of its Chairperson, Mr. Paul Bartoli, and wishes him the best of luck in all future endeavours. Paul has been a strong supporter of the SC16 and SC21 committees, having been involved for more than 20 years both as a technical expert and as a leader.

JTC1/SC21 hopes that Paul will continue to take an interest in the work of SC32 and SC33 and, if possible, to offer his wisdom and experience during the formative stages of the new committees.

Acclaimed

Resolution 18: Resignation of SC21 Secretariat

JTC1/SC21 accepts with regret the resignation of Jean Shildneck and ANSI as Secretariat for SC21. It is clear to everyone involved that the Secretariat is what has made SC21 operate efficiently and effectively. It would not have been possible to be successful without Jean's support and assistance at all levels of SC21 operation.

Acclaimed

Resolution 19: Notice of Relinquishment of WG7 Secretariat

SC 21 notes with regret the intention of the WG7 Secretariat to relinquish their position at the June 1998 meeting.

SC21 thanks David Bruce-Steer for his continuous devotion toward running the WG7 secretariat so well for the past 3 years.

Acclaimed

Resolution 20: Notice of Expiration of WG7 Convenor's Second Term of Office

SC 21 notes with regret the intention of the WG7 Convenor to not renew his position for a third term of office.

SC21 graciously thanks its outgoing Convenor, Eng Chew, who, in his two three year terms, guided to completion the Reference Model for Open Distributed Processing, and the launch of the ODP standards program in close liaison with the OMG.

Acclaimed

Resolution 21: Drafting Committee Appreciation

JTC1/SC21 thanks its final drafting committee, consisting of Don Sheppard, Mike Purton, Tom Rutt, Jean Shildneck and Ipei Hayashi, for their efforts in producing the resolutions for the meeting in Victoria.

Acclaimed

Resolution 22: Final Appreciation to all Current and Past Chairs, Secretariats, Convenors, Rapporteurs, Editors and Delegates

JTC1/SC21 wishes to thank all its Chairs, Secretariats, Convenors, Rapporteurs, Editors, Delegates and other Supporters, both current and over the past thirteen years, for all their hard work and dedication to the production of standards for Open Systems Interconnection, Data Management and Open Distributed Processing. It has been a massive task to plan, organize, develop, and produce the many standards that are now available.

The number of Plenary meetings and their worldwide locations as listed below, are an indication of the truly international need for and participation in the work of SC21:

- SC21 Planning (84), Paris (1/85), Egham (9/86), Washington (3/88), Sydney (12/88), Florence (11/89), Seoul (5/90), Arles (5/91), Ottawa (6/92), Yokohama (6/93), Southampton (7/94), Ottawa (6/95), Kansas City (5/96), New York Strategic Planning (11/96), Victoria (9/97)

It is hoped that as many of the people associated with SC21 as possible will continue to be actively involved in the new beginnings that will occur with SC32 and SC33.

Acclaimed

Attachment 1: Extracts from the Recommendations of WG3

Recommendation WG3.4 Final Answers to Questions

SC 21/WG 3 notes that all National Bodies voting on the following questions are in favour of the draft answer, and so recommends that the draft answer becomes the final answer for each question.

Answer	Question #	Title	Summary of voting
21N10484	Q3/009	Approach to remote IRDS access	21N10696
21N9831	Q3/010	ODP and distributed database systems	21N10538 (Note 1)
21N9832	Q3/011	Harmonization of client/server capabilities	21N10539
21N10485	Q3/013	The role of WG3 in database profiling	21N10882

Note 1 WG3 has considered the comment attached to the German ballot, and recommends that this matter is progressed by WG7.

Approved by SC21

Recommendation WG3.9 Request for CD/PDAM/PDTR ballots

SC21/WG3 requests the SC21 Secretariat to circulate the following documents, on receipt, for CD/PDAM/PDTR ballot. The status of these ballots are subject to confirmation by the SC21 September 1997 Plenary.

Document #	Project #	Editor	Designation	Title	Notes
	1.21.6.7	T. J. Bourne	CD 10728	Extensions to IRDS Services Framework	Based on 3N1566/21N8202
	1.21.6.8	D. J. L. Gradwell	CD 10027	Revision to IRDS Framework	21N10412 (= WD out of Kansas City)
	1.21.58.1	J. Berube	CD 13238-1	Data Management Export/Import Facilities Part 1: Export/Import Framework	3N2069/21N10411 (= WD out of Kansas City)
	1.21.58.2	T. W. Olle	CD 13238-2	Data Management Export/Import Facilities Part 2: Export/Import Facilities for SQL	3N2068 (* Already approved for CD reg. in Kansas City)
	1.21.6.6	D. Bartley	CD xxxxx.x	Design Support for SQL Applications	Based on 3N1967

Document #	Project #	Editor	Designation	Title	Notes
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	1.21.34.4	Robin Barker	CD 14447	OSI TP Security	21N10913 = WD text. 3N2108 = Inst to Ed.
	1.21.64.4	Mark Ashworth	CD 13249-4	SQL/MM Part 4: General Purpose Facilities	
	1.21.64.5	Paul Cotton	CD 13249-5	SQL/MM Part 5: Still Image	21N10902 = WD text.

Approved by SC21

Recommendation WG3.11 Request for Final CD/Final PDAM ballots

SC21/WG3 requests the SC21 Secretariat to circulate the following documents, on receipt, for CD/PDAM/PDTR ballot. The status of these ballots are subject to confirmation by the SC21 September 1997 Plenary.

Dof C & Document #	Project #	Editor	Designation	Title	Notes
	1.21.3.4.1	Jim Melton	FCD 9075-1	Database Language SQL Part 1: Framework	21N9462 = WD
	1.21.3.4.4	Jim Melton	FCD 9075-4	Database Language SQL Part 4: Persistent Stored Modules	21N9465 = WD
21N11105 = Proposed FCD text opening 1997.10.10	1.21.31.4.1	John Hadjioannou	FCD 9579 (Ed. 1 of consolidated text)	Remote Database Access for SQL (RDA/SQL)	3N2096 / 21N10881 = UK contrib

Approved by SC21

Recommendation WG3.12 Request for Delegation of Authority for Final CD/Final PDAM ballots

SC 21/WG X forwards the following documents for consideration at the SC 21 September 1997 Plenary for approval for delegation of authority to the interim meeting indicated to register the projects shown below for FCD/FPDAM ballot. If approved, and upon receipt of the text, the SC 21 Secretary is instructed to confirm with the WG Convenor and the SC 21 Chair that it should be registered, and then circulate the document for FCD/FPDAM ballot.

SC 21 requests approval for delegation of authority to the interim meeting indicated to register the projects shown below for FCD/FPDAM ballot. All recommendations on texts for FCD/FPDAM ballot made at interim meetings must be reviewed and confirmed by the relevant WG Convenor, the SC 21 Chair, and the SC 21 Secretary prior to registration. Upon receipt of the text and the final Disposition of Comments Report, the Secretary is instructed to confirm that it should be registered and then circulate the document for FCD/FPDAM ballot.

Project #	Editor	Designation	Title	Notes/ Conditions
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1.21.31.4.1	JH	9579-2 /FPDAM 1 (Request for subproject)	Information Technology Remote Database Access for SQL(RDA/SQL) – Secure RDA	
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Approved by SC21

Recommendation WG3.18 Cancellation/Suspension of Projects

SC 21/WG X approves the project cancellations and suspensions shown below for the reasons indicated, and requests the SC 21 Secretary to forward the list to JTC 1 and ITTF for action, as appropriate.

Project #	Designation	Title	Recommendation and Rationale
1.21.3.4.8	9075-8	SQL Part 8, Extended object support for SQL	Content absorbed into 9075-1,9075-2,9075-3, 9075-4,9075-5
1.21.31.3.2	9579-3/2	RDA Part 3: RDA SQL PICS Proforma Amendment 2	See 3N2012 / 21N11086
1.21.31.1.2	9579-1/2	RDA Part 1: Amendment 2 Extensions for new market requirement	See 3N2012 / 21N11086
1.21.34.12.1	10026-1/1	TP Model, subtransactions	Suspend; Implementation and OMG work expected to clarify requirements and details for OSI TP amendments
1.21.34.12.2	10026-2/1	TP Service, subtransactions	Suspend; Implementation and OMG work expected to clarify requirements and details for OSI TP amendments
1.21.34.12.3	10026-3/1	TP Protocol, subtransactions	Suspend; Implementation and OMG work expected to clarify requirements and details for OSI TP amendments
1.21.34.7.3	10026-8	TP – Transactional RPC	Cancel; TOG liaison unsuccessful. (See 21N10956)
1.21.34.7.2	10026-7	TP Message Queuing	Cancel; no editor; uncertain NP support; doubt cast on utility. NOTE: this has completed DIS ballot

Approved by SC21

Recommendation WG3.20 Renumbering of Projects

SC 21/WG X approves the revised project numbers shown below for the reasons indicated, and requests the SC

21 Secretary to forward the list to JTC 1 and ITTF for action, as appropriate.

Previous Project #	Proposed Project #	Designation	Title	Rationale
1.21.31.2.2	1.21.31.4	9579	Remote Database Access for SQL (RDA/SQL) / 3 rd Edition	To reflect cancellation of other parts

Approved by SC21

Recommendation WG3.21 Renaming of Projects

SC 21/WG X approves the revised project names and/or ISO/IEC designation numbers shown below for the reasons indicated, and requests the SC 21 Secretary to forward the list to JTC 1 and ITTF for action, as appropriate.

Project #	Previous Designation and Title	Proposed Designation and Title	Rationale
1.21.34.13	Long-running transactions on the World-Wide Web	Distributed Commitment in Electronic Commerce	Original title misleading and over-defining.

Approved by SC21

Recommendation WG3.22 Subdivisions of Projects

SC 21/WG X approves the administrative project subdivisions shown below for the reasons indicated, and requests the SC 21 Secretary to forward the list to JTC 1 and ITTF for action, as appropriate.

Previous Project #	Proposed Project #s	Editors	Proposed Designations	Proposed Titles	Rationale
1.21.3.4	1.21.3.4.10 see Note 1	Jim Melton	9075-10 see Note 1	Database Language SQL:, Part 10: Object Language Bindings	See 3N2105 / 21N1115
1.21.31.4 see Note 2	1.21.31.4.1	John Hadjioannou	9579:199x/1 (Amd 1 to first edition of RDA without parts)	Remote Database Access for SQL (RDA/SQL) – Amendment 1 - Secure RDA	See 3N2012 / 21N11086: Strategic directions for RDA and 3N2095 / 21N11087: Rationale for organizing RDA projects.

1.21.31.4 see Note 2	1.21.31.5	John Hadjioannou	9579: xxxx (second edition of RDA without parts	Remote Database Access for SQL 4 th Edition – Support for SQL3	See 3N2012 / 21N11086: Strategic directions for RDA and 3N2095 / 21N11087: Rationale for organizing RDA projects
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Note 1: The specified project number is chosen to maintain consistency with NB standards and allow for future NB proposals

Note 2: This is the revised number, according to resolution 3.20.

Note 3: NBs committed to participating are: Canada, Italy, Japan, UK, USA

Approved by SC21

Recommendation WG3.27 Establishment of Liaisons

Based on the referenced document containing a statement of benefits and contact information, SC 21/WG 3 requests the SC 21 Secretary to seek JTC 1 and/or ITTF approval where necessary and to establish the liaisons indicated in the list below. SC 21/WG 3 further nominates the named individuals as liaison representatives.

Document #	Organization	Category	Area(s) of Liaison Activity	Representative(s)
3N2098 / 21N11054	<i>Expertnet SA (MEDSEC)</i>	C	<i>Secure Database</i>	John Hadjioannou
3N2106 / 21N11061	<i>CEN/TC310 AMT</i>		<i>Data</i>	Bill Olle

Approved by SC21

Resolution WG3.30.0 Change of Name of Rapporteur Group

Name	New Name	Notes
Transaction Processing/Commitment, Concurrency and Recovery	Transaction Processing (TP)	Current work is not confined to OSI stack, but covers open distributed transactions more widely.

Approved by SC21

Attachment 2: Extracts from the Recommendations of WG7

Recommendation WG7.1 Request for NP ballots

Having confirmed that at least 5 P-members of SC 21 that are also P-members of JTC 1 intend to participate in the work, and that a project editor exists for the projects, SC 21/WG 7 forwards the following documents for consideration at the SC 21 September 1997 Plenary for approval for NP registration. If approved, SC 21/WG 7 requests the SC 21 Secretary to register the proposals for new work shown below and to forward the documents to the JTC 1 Secretary for NP ballot.

Document #	Proposed Project #	Proposed Editor	Proposed Designation	Title	Notes
7N1302 / 21N11101 -Attach DIR 1 / 21N11093	1.21.29.X		9594-X/AM X	Extend Directory service	Proposed amendment to all parts of ISO 9594. Likely contributing NBs: Denmark CH Germany France Canada Japan Australia.
7N1304 / 21N11102 Attach DIR 2 / 21N11094	1.21.29.Y		9594-Y/AM.x	Enhance replication to support multiple masters	Proposed amendment to all parts of ISO 9594. Likely contributing NBs: Denmark CH Germany France Canada Japan Australia.
7N1305 / 21N11103 Attach DIR 3 / 21N11095	1.21.29.Z		9594-Z/AM.x	Use of TCP/IP stack by the directory protocol	Proposed amendment to all parts of ISO 9594. Likely contributing NBs: Denmark Germany USA Canada Japan Australia.

Approved by SC21

Recommendation WG7.2 Request for Delegation of Authority for CD/PDAM/PDTR ballots

SC 21/WG 7 forwards the following documents for consideration at the SC 21 September 1997 Plenary for approval for delegation of authority to the interim meeting indicated to register the projects shown below for CD/PDAM/PDTR ballot. If approved, and upon receipt of the text, the SC 21 Secretary is instructed to confirm with the WG Convenor and the SC 21 Chair that it should be registered, and then circulate the document for CD/PDAM/PDTR ballot.

Project #	Editor	Designation	Title	Notes/ Conditions
1.21.67	Peter Furniss	14752	Protocol support for Computational Interactions	Consensus on proposed generic framework

Approved by SC21

Recommendation WG7.3 Request for Final CD/Final PDAM ballots

SC 21/WG 7 requests the SC 21 Secretary to submit the following documents for FCD/FPDAM ballot.

Dof C & Document #	Project #	Editor	Designation	Title	Notes
21N11013	1.21.68	Gerd Schuermann	14753	Interface Reference & Bindings	FCD registration Editor will submit to SC21 Secretariat by end July 1997
7N1299 / 21N11014	1.21.28.01.02.08	Eric Debeau	15427-1	ODMA-Notification, selection and dispatching function	For registration as final CD ballot. Request to close on 1 st Dec 1997

Approved by SC21

Recommendation WG7.7 Continued Availability of Standards

SC 21/WG 7 affirms the need for continued availability of the following standards for reasons of conformance and interoperability, and requests the SC 21 Secretary to forward the list to JTC 1 and ITTF for action, as appropriate.

Project #	Designation	Title	Notes
1.21.19.X	9594-All parts: 1995	Systems Interconnection - The Directory 2 ND EDITION	Implementers are still developing products that conform to this edition

Approved by SC21

Recommendation WG7.8 Withdrawal of Standards

SC 21/WG 7 approves the project withdrawals shown below for the reasons indicated, and requests the SC 21 Secretary to forward the list to JTC 1 and ITTF for action, as appropriate.

Project #	Designation	Title	Rationale
1.21.29.01-08	9594-All parts :1990	Systems Interconnection - The Directory 1 st EDITION	Superseded by 2 nd and 3 rd Editions

Approved by SC21

Recommendation WG7.9 Cancellation/Suspension of Projects

SC 21/WG 7 approves the project cancellations and suspensions shown below for the reasons indicated, and requests the SC 21 Secretary to forward the list to JTC 1 and ITTF for action, as appropriate.

Project #	Designation	Title	Recommendation and Rationale
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1.21.28.06.04.01	10164-12/Am1	ICS Proforma	SC 21/WG 7 requests the SC 21 Secretary to issue a final call for volunteers for project editor for this project. If no submissions are received prior to the September 1997 Plenary Meeting of SC 21, WG 7 recommends that these projects be cancelled and requests the SC 21 Secretary to notify ITU-T SG 4 (Q14) liaison organization of their cancellation..
1.21.28.09.02.02	10164-13/Am2	Enhanced Scanner Objects	As above.
1.21.43.05.01	14466	TR on the use of Specification Techniques in ODP	SC21/WG 7 requests National Bodies to submit Technical contributions that would enable this work to PDTR Status by July 1998. Otherwise this project will be recommended for cancellation

Approved by SC21

Recommendation WG7.10 Subdivisions of Projects

SC 21/WG 7 approves the administrative project subdivisions shown below for the reasons indicated, and requests the SC 21 Secretary to forward the list to JTC 1 and ITTF for action, as appropriate.

Previous Project #	Proposed Project #s	Editors	Proposed Designations	Proposed Titles	Rationale
1.21.28.01.02.05	1.21.28.01.02.05.01	Linda Strick Subject approval to		ODMA Viewpoint Notations	Collaborative project ITU-T SG 4. Likely Contributing NBs: US, Germany, France, Australia Finland and UK. See SC21N1142
1.21.29.18	1.21.29.18.05-14	Hoyt Kesterson II	9594-All parts	Certificate extensions	Collaborative project ITU-T SG 7. Likely contributing NBs: Japan, US, UK, Canada, Germany, Australia. See 7N1310 / 21N11104 DIR 4 / 21N11096

Approved by SC21

Recommendation WG7.16 Establishment of Liaisons

Based on the referenced document containing a statement of benefits and contact information, SC 21/WG 7 requests the SC 21 Secretary to seek JTC 1 and/or ITTF approval where necessary and to establish the liaisons indicated in the list below. SC 21/WG 7 further nominates the named individuals as liaison representatives.

Document #	Organization	Category	Area(s) of Liaison Activity	Representative(s)
21Ndir6t / 21N11098 Attach Dir4 / 21N11096	ISO TC68 SC2		Certificates - Directory	Hoyt L Kesterson II

Approved by SC21

Attachment 3: Extracts from the Recommendations of the ASN.1 Rapporteur Group

Recommendation ASN.1. Request for Final PDAM ballots

The ASN.1 Group, on behalf of the PDAM Editing Meeting, forwards the following documents and requests the SC 21 Secretariat to circulate the text for each of the projects shown below for FPDAM ballot.

Dof C & Document #	Project #	Editor	Designation	Title	Notes
21 N 10999 London 4	1.21.17.3.1.3	B Scott	ISO/IEC 8824-1:1998 /FPDAM 1	ASN.1 specification. Part 1. Amendment 1. Dynamically constrained types.	Recommendation from PDAM editing meeting
21 N 11001 London 5	1.21.17.3.4.2	B Scott	ISO/IEC 8824-3:1995 /FPDAM 1	ASN.1 specification. Part 3. Amendment 1. Dynamically constrained types.	Recommendation from PDAM editing meeting
21 N 11002 London 6	1.21.17.4.2.2	B Scott	ISO/IEC 8825-1:1998 /FPDAM 1	ASN.1 encoding. Part 1. Amendment 1. Dynamically constrained types.	Recommendation from PDAM editing meeting
21 N 11003 London 7	1.21.17.4.2.1	B Scott	ISO/IEC 8825-2:1998 /FPDAM 1	ASN.1 encoding. Part 2. Amendment 1. Dynamically constrained types.	Recommendation from PDAM editing meeting

Approved by SC21

Recommendation ASN.2. Request for Delegation of Authority for Final PDAM ballots

The ASN.1 Group recommends that the following document be registered as an FPDAM if this action is agreed by the editing meeting on the current PDAM.

Project #	Editor	Designation	Title	Notes/ Conditions
1.21.17.3.1.2	B Scott	ISO/IEC 8824-1:1998 /FPDAM 2	ASN.1 Specification. Part 1. Amendment 2. Semantic model	To be based on conclusions of PDAM editing meeting

Approved by SC21

Recommendation ASN.3. Revision of ASN.1 standards

3.1 Authorization. The ASN.1 Group requests SC 21 to authorize revisions of the following standards to incorporate approved Amendments and Corrigenda, with the project subdivisions as indicated

Project #	Designation	Title	Recommendation
1.21.17.3.1.4	ISO/IEC 8824-1	ASN.1 specification. Basic ASN.1	
1.21.17.3.2.2	ISO/IEC 8824-2	ASN.1 specification. Information object specification	
1.21.17.4.1.1	ISO/IEC 8825-1	ASN.1 encoding rules. BER, CER and DER.	
1.21.17.4.2.3	ISO/IEC 8825-2	Packed encoding rules	
	* 8824-3		* See proposal in 21 N 11083
	* 8824-4		* See proposal in 21 N 11083

3.2 Deletion of definition of root arcs. The ASN.1 Group notes that text on the incorporation of root arcs has been incorporated in ISO/IEC 9834-1/Amd.1 and requests SC 21 to approve the deletion of equivalent text from the revised edition of ISO/IEC 8824-1 as a revision of relatively minor importance as defined in 14.1.2 of the JTC 1 Directives.

3.3 Issue of Draft Corrigenda. The ASN.1 Group requests the SC 21 Secretariat to circulate the text for each of the projects shown below for DCOR ballot and requests SC 21 to authorize the resolved comments on these Draft Corrigenda ballots to be incorporated in the merged revision texts for the standards.

Document #	Project #	Editor	Designation	Title	Notes
21 N 11004 London 8	1.21.17.3.1	B Scott	ISO/IEC 8824-1:1995/ DCOR 2	ASN.1 Basic Notation. Draft Corrigendum 2	
21 N 11005 London 9	1.21.17.4.1	B Scott	ISO/IEC 8825-1:1995/ DCOR 3	ASN.1 Encoding. BER, CER and DER. Draft Corrigendum 3	
21 N 11006 London 10	1.21.17.4.2	B Scott	ISO/IEC 8825-2:1996/ DCOR 2	ASN.1 Encoding. PER. Draft Corrigendum 2	

3.4 Review texts. The ASN.1 Group requests the SC 21 Secretariat to issue the following texts for the revised standards for a two month review period

Document #	Project #	Designation	Title	Comments by:
21 N 11109 London 16	1.21.17.3.1.4	ISO/IEC 8824-1:1998	ASN.1 specification. Basic ASN.1. Review text	20 October 1997
21 N 11110 London 17	1.21.17.3.2.2	ISO/IEC 8824-2:1998	ASN.1 specification. Information object specification. Review text	20 October 1997

21 N 11113 London 18	1.21.17.4.1.1	ISO/IEC 8825-1:1998	ASN.1 encoding rules. BER, CER and DER. Review text	20 October 1997
21 N 11114 London 19	1.21.17.4.2.3	ISO/IEC 8825-2:1998	ASN.1 Packed encoding rules. Review text	20 October 1997
*21 N 11111		*8824-3		* See proposal in 21 N 11083
*21 N 11112		*8824-4		* See proposal in 21 N 11083

Approved by SC21

Recommendation ASN.5. Renaming of Projects

The ASN.1 Group approves the revised project names and/or ISO/IEC designation numbers shown below for the reasons indicated, and requests the SC 21 Secretariat to forward the list to JTC 1 and ITTF for action, as appropriate.

Project #	Previous Designation and Title	Proposed Designation and Title	Rationale
1.21.17.3.1.3	ISO/IEC 8824-1:1995/ 4 Run time parameters	ISO/IEC 8824-1:1998/ 1 Dynamically constrained types	See 21 N 10998 London 3
1.21.17.3.4.2	ISO/IEC 8824-4:1995/ 1 Run time parameters	ISO/IEC 8824-3:1995/ 1 Dynamically constrained types	See 21 N 10998 London 3
1.21.17.4.2.2	ISO/IEC 8825-1:1995/ 1 Run time parameters	ISO/IEC 8825-1:1998/ 1 Dynamically constrained types	See 21 N 10998 London 3
1.21.17.4.2.1	ISO/IEC 8825-2:1996/ 1 Run time parameters	ISO/IEC 8825-2:1998/ 1 Dynamically constrained types	See 21 N 10998 London 3
1.21.17.3.1.2	ISO/IEC 8824-1:1995/ 2 Formal model	ISO/IEC 8824-1:1998/ 2 Semantic model	See 21 N 10998 London 3

Approved by SC21