

Minutes of the  
**IFIP TC8 INFORMATION SYSTEMS**  
52<sup>nd</sup> Business Meeting

Zoom (Online)

Thursday 28<sup>th</sup> and Friday 29<sup>th</sup> October 2021 (10-12 noon Lisbon time)

Version 1 December 2021

## 1. Call to order Day 1

The TC8 Chair, Isabel Ramos, called the meeting to order at 10am (Lisbon time\*) on 28<sup>th</sup> October 2021. The COVID19 pandemic disrupted travel and the meeting was conducted as an online meeting over 2 days using Zoom software.

## 2. Roll call of attendees Day 1

Australia	Anant Vima	
Bulgaria	Krassen Stefanov	
France	Thomas Polacsek	
Lithuania	Saulius Gudas	
Portugal	Isabel Ramos	TC8 Chair
South Africa	Brenda Scholtz	
Switzerland	Jolita Ralyté	TC8 Vice-Chair
	Dale MacKrell	Secretary
WG 8.1 Chair	Jolita Ralyté	
WG 8.3 Chair	Ciara Heavin and	
WG 8.3 1 <sup>st</sup> Vice-Chair	Ana Respicio and	
WG 8.3 2 <sup>nd</sup> Vice-Chair	Biljana Mileva	
WG 8.5 Chair	Marijn Janssen and	
WG 8.5 Vice-Chair	Ida Lindgren	
WG8.9 Vice-Chair	Li Da Xu and	
WG 8.9 Secretary	Ling Li and	
WG 8.9 Secretary	Sohail Chaudhry	
WG 8.12 Chair	Li Da Xu	

\* 18:00 (6pm) in eastern Australia

## 3. Apologies for absence

Czech Republic	Josef Basl
New Zealand	Michael Myers
Norway	John Krogstie
Serbia	Dragan Simic
WG 8.2 Vice-Chair	Matthew Jones
WG 8.2 Secretary	Benjamin Mueller

## 4. Declaration of proxies

None declared

## 5. Request permission to record the meeting

No objections received

## 6. Welcoming new members/group building

Anant Vima, NR Australia

Brenda Scholtz, NR South Africa  
Jolita Ralyté, NR Switzerland, WG 8.1 Chair, TC8 Vice-Chair  
Ida Lindgren, WG 8.5 Vice-Chair

## 7. Approval of the Agenda for the 52<sup>nd</sup> Meeting

The agenda for this meeting previously distributed was approved.

## 8. Approval of the minutes of the 51<sup>st</sup> online meeting 17-18<sup>th</sup> September 2020

The minutes from the previous meeting were approved unanimously.

## 9. Review of Action Items from the last Meeting

**Action-Item 2020-1:** The Chair will work with the student engaged to improve the online form on the TC8 website for WG reporting including WG conferences and past events.

→ Done.

**Action-Item 2021-1:** The Chair to arrange for South African NR Brenda Scholtz to have access to the TC8 website.

**Action-Item 2020-2:** An appointed task force will develop a proposal on AIS-IFIP collaboration.

Isabel explained the benefits of formalising collaboration with AIS such as attracting more participants to activities and opportunities to publish in top tier journals.

The task force consisted of Isabel Ramos, Eija Karsten and David Kreps (TC9 Chair)  
AIS President – Brian Fitzgerald → Patrick Chau → Suprateek Sarker

Isabel invited members of TC8 WGs to describe their experiences of AIS-IFIP joint activities.

- Ciara Heavin Chair WG 8.3 said there were benefits in being associated with AIS but AIS is large and co-location can be a problem.
- Marijn Janssen Chair WG 8.5 said that IFIP is a small and focused community while AIS is large. It is easier to collaborate with AIS SIGs.
- Brenda Scholtz NR South Africa said that AIS conferences are more expensive and competitive than IFIP ones. All the same, IFIP conferences are well recognised and linked to good journals in South Africa.

**Action-Item 2021-2:** The Chair to discuss with WGs an initiative to attract more participants to IFIP activities and have greater visibility.

**Action-Item 2020-3:** This action item is repeated from 2019. The Chair will continue looking into the business model at the TA meeting.

TA meeting are quarterly. The TA Chair is Philippe Palanque, Université Toulouse, France.

Isabel discussed ways of attracting new members. She mentioned that national computer societies are leaving IFIP. IFIP is facing serious financial problems. Even so, TC budgets have been approved and WG events will continue online with a 5€ fee/participant.

Isabel expressed a hope that the new executive would be proactive -  
IFIP President-elect: Anthony Wong, CEO, AGW Lawyers & Consultants, Australia

**Action-Item 2020-4:** The Secretary will follow up on the WG 8.12 website.

→ Done. No information about website yet

**Action-Item 2020-5:** The Chair will contact the Ukraine representative.

→ Done. No answer received. Will contact the representative of the Computing Society

**Action-Item 2020-6:** The Secretary will remind WG officers that a term is 3 years and terms start at the beginning of the year following the election of officers.

→ Done.

**Action-Item 2020-7:** The Chair decided not to proceed with action item since IFIP is trying to make universities members and this includes CBS in Denmark.

→ Done. This is a decision-item not an action item.

[https://ifip.org//index.php?option=com\\_content&task=view&id=125&Itemid=441&ref=13](https://ifip.org//index.php?option=com_content&task=view&id=125&Itemid=441&ref=13) mentions CBS as the IFIP Member in Denmark

**Action-Item 2020-8:** This action item is repeated from 2019. The Chair will ask WG 8.11 to explain who are the probationary members.

→ Done. Two years of non-engagement (not reviewing, submitting, presenting, or attending) will trigger probationary membership, signified by a letter/email from the secretary. After a third year of non-engagement, the person is moved from active membership to the friends list.

**Action-Item 2020-9:** This action item relates to **Income 2020**. The Chair is to confirm -  
WG 8.1 Fewer participants than in IFIP agreement – variance ?  
WG 8.2 Fewer participants than in IFIP agreement – variance ?  
WG 8.3 Number of participants at conference  
WG 8.4 Conference budget amount in IFIP agreement set at 0 euros  
WG 8.5 Number of participants unknown.

→ Done. Isabel confirmed Income 2020

**WG 8.1** Fewer participants than in IFIP agreement – variance ?  
POEM 2020 – The Practice of Enterprise Modeling  
REPORTED: 70 participants; EXPECTED: 60 (900 €)

**WG 8.2** Fewer participants than in IFIP agreement – variance ?  
“IFIP WG 8.2, 9.1, 9.4 Joint Working Conference on The Future of Digital Work: The challenge of inequality”  
REPORTED: 108 participants; EXPECTED: 200 (1.110 €)

**WG 8.3** Number of participants at conference  
The IFIP 2020 20<sup>th</sup> Open Conference of the International Federation for Information Processing WG 8.3 on Decision Support was moved to online

EXPECTED: 50 → No information in the report (450 € were transferred to IFIP)  
Reported: “AI FOR DECISION INTELLIGENCE -USING AI/ML TO ADDRESS REAL DECISION PROBLEMS” (40 participants)

**WG 8.4** Conference budget amount in IFIP agreement set at 0 euros  
International Cross Domain Conference for Machine Learning & Knowledge Extraction (CD-MAKE 2020)  
REPORTED: 50 participants, EXPECTED: 50 → agreed no fees to pay to IFIP

International Cross Domain Conference for Machine Learning & Knowledge Extraction (CD-MAKE 2021)  
REPORTED: 50 participants, EXPECTED: 50 (900 €)

**WG 8.5** Number of participants unknown.  
EGOV2020 - Joint online conference on EGOV-CeDEM-ePart (took place as hybrid in 2021)  
REPORTED: 69 participants, EXPECTED: 80 (1.860 €)

**Action-Item 2021-3:** The Chair will investigate possibility of having a different fee structure for online conference participation than for face-to-face participation.

**Action-Item 2021-4:** The Chair will check that WG 8.5 fees paid to IFIP.

**Action-Item 2020-10:** The Chair to add 100 euros for each WG for the hosting of web services.

→ Done. WGs informed

**Action-Item 2020-11:** The Chair to consult Eduard Dundler regarding 2,000 or 2,500 euros in Budget to compensate for conference cancellation costs.

→ Done. Eduard Dundler informed. Request from WG 8.2 did not eventuate.

**Action-Item 2020-12:** The Chair to investigate if unspent conference funds have been transferred/reused.

→ Done. There is a fee to IFIP (5€/participant). Profit to be managed by WGs.

**Action-Item 2020-13:** The Chair to investigate new online conference software.

→ Discussed during TAs but no decision since meeting format may revert to f2f meetings.

**Action-Item 2020-14:** The Chair or Secretary will contact WGs 8.3 and 8.6 re event details for 2021.

**WG 8.3:** “AI FOR DECISION INTELLIGENCE -USING AI/ML TO ADDRESS REAL DECISION PROBLEMS” (2021) + DS2022 - “Decision Making for a Sustainable Global Society”

**WG 8.6:** “Co-creating for Context in Prospective Transfer & Diffusion of IT” (2022)

**Action-Item 2020-15:** The Chair or Secretary will contact WGs 8.4 and 8.10 for event details planned for 2021 and 2022.

**WG 8.4:** International Cross Domain Conference for Machine Learning & Knowledge Extraction (CD-MAKE 2021)

**WG 8.10:** no events reported

**Action-Item 2020-16:** The Chair or Secretary will contact WG 8.10 regarding event details for 2020.

→ No information provided

**Action-Item 2021-5:** The Chair or Secretary to enquire why no events were reported by WG 8.10 for 2021.

**Action-Item 2020-17:** The Chair or Secretary will contact WG 8.11 Chair Allen C. Johnston regarding conference status changing from 1 to 2.

→ Done. Approved in IFIP's system. Process initiated by Raghav Rao.

**Action-Item 2020-18:** The Chair or Secretary will send a list of approved WG events to IFIP and remind WGs to fill out forms which formalise approval with IFIP.

→ Done

## 10. Review of terms of appointments of TC8 and its WG's officers

TC 8 Officers: Chair Isabel Ramos (2022-2024) Available for re-election for a second and last term  
Vice-Chair Jolita Ralyté (2021-2023)  
Secretary Dale MacKrell (2018- )

WG 8.1 Officers: Chair Jolita Ralyté (2019-2021)  
Vice-Chair Janis Stirna (2019-2021)  
Secretary John Krogstie (2019-2021)

WG 8.2 Officers: Chair Eija Karsten (2019-2021)  
Vice-Chair Matthew Jones (2019-2021)  
Secretary Benjamin Müller (2019-2021)

WG 8.3 Officers: Chair Ciara Heavin (2021-2023)  
Vice-Chair Ana Respício (2021-2023)  
Vice-Chair Biljana Mileva (2021-2023)  
Secretary Gloria Philips-Wren (2021-2023)

WG 8.4 Officers: Chair Andreas Holzinger (2021-2023)  
Vice-Chair Edgar Weippl (2021-2023)  
Secretary Peter Kieseberg (2021-2023)

WG 8.5 Officers: Chair Marijn Janssen (2021-2023)  
Vice-Chair Ida Lindgren (2021-2023)  
Vice-Chair Gerhard Schwabe (2021-2023)  
Secretary Efthimis Tambouris (2021-2023)

WG 8.6 Officers: Chair Yogesh Dwivedi (2019-2021)  
Vice-Chair Amany Elbanna (2019-2021)  
Vice-Chair Helle Zinner Henriksen (2019-2021)  
Secretary Banita Lal (2019-2021)

WG 8.9 Officers: Chair Ling Li (2022-2024)  
Vice-Chair A Min Tjoa (2022-2024)  
Vice-Chair Li Da Xu (2022-2024)  
Secretary Sohail Chaudhry (2022-2024)

WG 8.10 Officers: Chair Pierluigi Plebani (2021-2023)  
Vice-Chair Stefan Schulte (2021-2023)  
Secretary Damian Andrew Tamburri (2021-2023)

WG 8.11 Officers: Chair Allen C. Johnston (2019-2021)  
Vice-Chair Manish Agrawal (2019-2021)  
Secretary Tejaswini Herath (2019-2021)

WG 8.12 Officers: Chair Lida Xu (2022-2024)  
Vice-Chair Lirong Zheng (2022-2024)  
Vice-Chair Zhuo Zou (2022-2024)  
Secretary Wattana Viriyasitavat (2022-2024)

**Action-Item 2021-6:** The Secretary will request the outcomes of elections for WGs 8.1, 8.2, 8.6 and 8.11.

**Action-Item 2021-7:** The Chair will arrange to update the TC8 website with the new WG officers.

## **10. Report from the TC8 Chair (available online TC8 Website)**

Analysis of events, budget, income and expenditure.

## **11. Close of Day 1**

The TC8 Chair Isabel Ramos closed the meeting of Day 1 at 12 noon Lisbon time.

## 12. Call to order Day 2

The TC8 Chair, Isabel Ramos, called the meeting to order at 10am (Lisbon time\*) on 29<sup>th</sup> October 2021.

## 13. Roll call of attendees Day 2

Bulgaria	Krassen Stefanov	
France	Thomas Polacsek	
Japan	Tetsuya Uchiki	
Portugal	Isabel Ramos	TC8 Chair
South Africa	Brenda Scholtz	
Switzerland	Jolita Ralyté	TC8 Vice-Chair
	Dale MacKrell	Secretary
WG 8.1 Chair	Jolita Ralyté and	
WG 8.1 Secretary	John Krogstie	
WG 8.2 Chair	Eija Karsten	
WG 8.3 Chair	Ciara Heavin and	
WG 8.3 1 <sup>st</sup> Vice-Chair	Ana Respicio and	
WG 8.3 2 <sup>nd</sup> Vice-Chair	Biljana Mileva	
WG 8.5 Chair	Marijn Janssen and	
WG 8.5 Vice-Chair	Ida Lindgren	
WG 8.6 1 <sup>st</sup> Vice-Chair	Amany Elbanna	
WG 8.9 Vice-Chair	Li Da Xu and	
WG 8.9 Secretary	Ling Li and	
WG 8.9 Secretary	Sohail Chaudhry	
WG 8.12 Chair	Li Da Xu and	
WG 8.12 2 <sup>nd</sup> Vice-Chair	Zhou Zou	

\* 18:00 (6pm) in eastern Australia

## 14. Working Chairs summary (available online TC8 Website)

14.1.	WG 8.1 Report	WG 8.1 Chair
14.2.	WG 8.2 Report	WG 8.2 Chair
14.3.	WG 8.3 Report	WG 8.3 Chair
14.4.	WG 8.4 Report	WG 8.4 Chair
14.5.	WG 8.5 Report	WG 8.5 Chair
14.6.	WG 8.6 Report	WG 8.6 Chair
14.7.	WG 8.9 Report	WG 8.9 Chair
14.8.	WG 8.10 Report	WG 8.10 Chair
14.9.	WG 8.11 Report	WG 8.11 Chair
14.10.	WG 8.12 Report	WG 8.12 Chair

**Action-Item 2021-8:** The Chair will enquire how the IFIP 60 Faces were selected.

## 15. TC8 Events – 2021

**Action-Item 2021-9:** The Chair will clarify the process to determine event status codes 1-5.



**Action-Item 2021-10:** The Secretary will contact WG 8.4 to check the status of events in 2021.

**Action-Item 2021-11:** The Secretary will contact WG 8.11 to enquire if events in 2021 went ahead.

## **16. TC8 Events – 2021**

**Action-Item 2021-12:** The Secretary will contact WG 8.2 to enquire about events for 2022.

**Action-Item 2021-13:** The Secretary will contact WG 8.11 to enquire about dates for conference in 2022.

## **17. Nominations for Awards**

Recipients of the IFIP Service Award 2022 as published on the IFIP website

A. Respicio (WG 8.3)

G. Phillips-Wren (WG 8.3)

H. J. Scholl (WG 8.5)

Li Da Xu (WG 8.9 & WG 8.12)

**Action-Item 2021-14:** The Chair or Secretary to contact working groups to remind them about awards in time to prepare to submit nominations.

## **18. Discussion of NR's reports on national computing societies initiatives (not a formal report)**

John Krogstie mentioned that many NR activities were cancelled/postponed this year due to disruptions caused by COVID19.

## **19. TC8 Strategic brainstorming session**

Isabel explained that this item was generally when discussions were held on how to attract more members, especially with funding for developing nations. However, it will be held over until next year.

## **20. Election of TC8 Officer (Chair)**

Isabel was re-elected unopposed for her second and final 3-year term.

## **21. TC8 next meetings**

A decision was made to hold the next TC8 meeting in Romania to coincide with ECIS 2022.

The meeting will be a hybrid structure (f2f and online) on the tentative dates of June 23-24 2022.

## **17. Any other business**

Dale advised that she has emailed out the link to the IFIP TC8 chapter in AICT 600 book to all TC8 members.

## **18. Close of Meeting on Day 2**

The TC8 Chair Isabel Ramos closed the meeting of Day 2 at 11.30am Lisbon time.

## Appendix 1: Actions Items from the TC8 meeting 2021

**Action-Item 2021-1:** The Chair to arrange for South African NR Brenda Scholtz to have access to the TC8 website.

**Action-Item 2021-2:** The Chair to discuss with WGs an initiative to attract more participants to IFIP activities and have greater visibility.

**Action-Item 2021-3:** The Chair will investigate the possibility of having a different fee structure for online conference participation than for face-to-face participation.

**Action-Item 2021-4:** The Chair will check that WG 8.5 fees paid to IFIP.

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**Action-Item 2021-6:** The Secretary will request the outcomes of elections for WGs 8.1, 8.2, 8.6 and 8.11.

**Action-Item 2021-7:** The Chair will arrange to update the TC8 website with the new WG officers.

**Action-Item 2021-8:** The Chair will enquire how the IFIP 60 Faces were selected.

**Action-Item 2021-9:** The Chair will clarify the process to determine event status codes 1-5.

**Action-Item 2021-10:** The Secretary will contact WG 8.4 to check the status of events in 2021.

**Action-Item 2021-11:** The Secretary will contact WG 8.11 to enquire if events in 2021 went ahead.

**Action-Item 2021-12:** The Secretary will contact WG 8.2 to enquire about events for 2022.

**Action-Item 2021-13:** The Secretary will contact WG 8.11 to enquire about dates for conference in 2022.

**Action-Item 2021-14:** The Chair or Secretary to contact working groups to remind them about awards in time to prepare to submit nominations.

**Appendix 2: Attendance at TC8 Meetings**

**Attendance statistics**

Country	Meetings																							Cumulative				
	30 1999	31 2000	32 2001	33 2002	34 2003	35 2004	36 2005	37 2006	38 2007	39 2008	40 2009	41 2010	42 2011	43 2013	44 2013	45 2014	46 2015	47 2016	48 2017	49 2018	50 2019	51 2020	52 2021	R	Y	X	A	W
1 Argentina	W	W	W	W	A	A	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	--	--	34	1	1	3	29
2 Australia	Y	Y	Y	Y	A	Y	A	Y	Y	A	Y	Y	A	W	A	Y	A	A	Y	Y	Y	--	Y	46	31	1	13	2
3 Austria	A	Y	Y	Y	A	Y	Y	Y	X	Y	Y	Y	Y	Y	X	Y	X	X	Y	X	Y	W	W	47	28	13	5	3
4 Belgium	Y	Y	A	A	Y	A	A	A	Y	Y	A	A	A	Y	A	Y	A	--	--	--	--	--	--	45	16	2	17	10
5 Bulgaria	W	W	W	W	W	Y	Y	A	A	Y	Y	W	Y	A	Y	Y	A	X	Y	X	A	Y	Y	45	20	2	6	19
6 China	W	A	Y	Y	A	A	A	A	A	Y	X	W	A	A	W	A	A	A	A	A	W	W	W	34	7	1	14	14
7 Czech Rep	W	W	W	W	W	W	W	Y	Y	Y	Y	A	Y	W	Y	A	A	A	A	Y	W	W	A	36	7	3	9	19
8 Denmark	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	A	X	A	--	--	49	36	1	8	4
9 Finland	Y	Y	Y	A	Y	A	X	A	Y	Y	Y	X	Y	W	A	A	A	W	W	X	W	--	--	48	27	5	11	5
10 France	Y	Y	A	W	Y	Y	Y	Y	Y	X	-	-	-	Y	A	Y	A	Y	Y	X	A	Y	Y	45	33	5	6	3
11 Germany	Y	W	W	W	W	A	A	A	A	Y	Y	Y	A	W	W	A	A	Y	Y	A	W	W	W	44	24	2	12	8
12 Greece	A	W	A	W	Y	W	W	W	W	W	W	W	-	W	W	W	W	W	W	W	W	--	--	22	2	0	3	17
13 Hungary	W	W	A	W	W	Y	Y	Y	Y	Y	Y	Y	A	Y	X	A	Y	A	A	W	W	--	--	49	24	2	7	16
14 India	W	W	W	W	W	W	W	A	Y	X	W	W	W	W	W	W	W	W	W	W	W	W	W	48	6	1	6	37
15 Ireland	A	Y	X	A	A	W	W	W	W	W	W	W	Y	W	W	A	A	A	A	W	W	W	W	32	7	42	8	13
16 Israel	A	X	X	Y	A	W	W	A	W	W	W	W	-	W	W	W	W	W	W	W	W	--	--	42	16	2	5	19
17 Italy	A	Y	X	A	A	A	Y	Y	Y	Y	Y	X	Y	Y	Y	X	Y	X	Y	X	A	W	W	49	34	6	7	4
18 Japan	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	X	Y	Y	X	X	Y	Y	Y	Y	Y	Y	47	42	3	7	6
19 Lithuania																						Y	Y		2			
20 Netherlands	Y	Y	A	A	A	A	A	A	W	W	W	W	Y	Y	X	A	X	X	W	X	W	W	W	50	30	5	9	8
21 New Zealand	A	A	A	A	Y	A	A	Y	X	Y	W	W	A	A	A	A	A	A	A	W	A	A	A	22	3	2	16	3
22 Nigeria	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	W	W	W	W	--	--	4				4	
23 Norway	A	A	Y	Y	A	Y	Y	Y	X	Y	Y	Y	Y	Y	X	X	Y	Y	Y	Y	Y	A	Y	49	36	6	6	3
24 Poland	A	W	W	W	A	Y	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	Y	W	24	5	1	2	18
25 Portugal	Y	A	W	W	Y	Y	Y	Y	X	X	Y	A	Y	Y	Y	Y	X	Y	Y	Y	Y	Y	Y	44	21	8	3	14
26 Serbia	-	-	-	-	-	-	-	-	W	W	Y	W	W	W	W	W	W	A	A	A	W	W	W	14	1	0	3	11
27 Singapore	A	W	W	W	W	W	W	A	W	W	W	W	W	W	W	W	W	W	W	W	W	--	--	27	1	0	3	23
28 Slovakia	A	A	A	A	W	W	W	W	W	W	W	W	W	Y	A	Y	A	Y	Y	X	Y	W	W	23	6	1	7	11
29 Slovenia	-	-	A	A	A	A	A	Y	Y	A	A	A	W	W	A	W	W	W	W	W	W	W	W	19	2	0	9	10
30 South Africa	Y	Y	Y	A	Y	Y	Y	X	Y	Y	Y	Y	Y	A	W	W	W	W	Y	Y	Y	Y	Y	48	20	9	10	10
31 Spain	A	X	A	W	A	A	W	A	Y	Y	A	A	W	W	W	W	W	W	W	W	W	--	--	41	7	11	9	14
32 Sri Lanka	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	W	W	A	W	W	W	4			1	5
33 Sweden	A	X	A	A	A	A	X	A	X	W	X	X	W	W	W	W	W	W	Y	W	Y	W	W	50	18	14	10	11
34 Switzerland	Y	Y	Y	Y	Y	Y	Y	A	X	Y	Y	A	Y	A	Y	A	A	Y	Y	--	--	Y	Y	46	32	5	10	1
35 Ukraine	-	-	-	-	-	-	-	-	-	-	-	-	-	Y	W	W	W	W	W	W	W	W	W	8	1			9
36 United Kingdom	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	A	-	-	--	--	--	Y	W	45	44	0	2	1	
37 US A (ACM)	Y	Y	Y	Y	A	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	--	W	W	49	42	0	5	4
38 US A (IEEE)	-	Y	Y	Y	A	Y	X	A	Y	Y	X	Y	Y	-	-	-	-	--	--	--	--	--	--	12	8	2	2	0
<b>Number of Reps</b>	31	32	33	33	33	33	33	33	34	34	33	33	31	34	34	33	33	34	34	33	32	26	27					
<b>Number at meeting</b>	13	15	12	11	11	15	13	14	16	19	17	10	14	14	8	6	6	9	13	8	7	9	8					

Y Present      A Absent with notification      O Observer present  
X Proxy assigned      W Absent without notification - **No representation for 10 years**