Letter Ballot 31 Voting Requirements

This is a recirculation ballot to those who were voters of record on Letter Ballot 28 so the rules are slightly different. A copy of the voting list for Letter Ballot 28 is listed below.

- 1. Default Recirculation ballots
 - a. If you already voted "Yes" on the subject or you changed your vote from "No" to "Yes" in writing:
 - i. You do not need to vote again unless you want to.
 - ii. You may submit a "No" vote, but only based on text that was changed after you voted "Yes" or text that was impacted by text that was changed after you voted "Yes" or based on comments on technical matters that were not resolved adequately.
 - b. If you already voted "No", and your comments were not resolved you are kindly requested to analyze the revised draft
 - i. Vote "Yes" if all your concerns are solved,
 - ii. Otherwise, vote "No" again and REPEAT the comments that were not solved to your consent, indicating why the group's rebuttal is not acceptable to you. You may add additional comments constituting a "No" vote, but only based on text that was changed or text that was impacted by text that was changed.
 - c. If you did not vote or you abstained, you may vote this time with a valid vote or abstain again with a valid reason.

Please direct questions to:

Bob Heile at: bheile@ieee.org

Voting List for Letter Ballot 28

LAST NAME	FIRST NAME
Adams	Jon
Aiello	Roberto
Alfvin	Richard
Allen	James
Allen	Richard
Anandakumar	Anand
Aoki	Mikio
Arnett	Larry
Askar	Naiel
Bahreini	Yasaman
Bain	Jay
Balakrishnan	Jaiganesh
Balakrishnan	Kannan
Ballentine	Paul
Barr	John
Batra	Anuj
Beecher	Phil
Birru	Dagnachew
Bonneville	Herve
Boot	John
Bosco	Bruce
Bourgeois	Monique
Bowles	Mark
Brabenac	Charles
Bray	Jennifer
Brenner	David
Brethour	Vern
Brown	Ronald
Callaway	Ed
Carson	Pat
Chang	Kisoo
Chang	Soo-Young
Cheah	Jonathon
Chew	Chee Wei
Chin	Francois
Chiu	Yu-Chang
Cho	Sarm
Choi	Sangsung
Choi	Yun
Chong	Chia-Chin
Choudhary	Manoj
Corral	Celestino
Cragie	Robert Charles
2.49.0	1.00011 Onanoo

LAST NAME	FIRST NAME
Davis	Scott
Decuir	Joe
Del Prado Pavon	Javier
Dombrowski	Kai
Drude	Stefan
Dutkiewicz	Eryk
Dydyk	Michael
Ellis	Jason
Emami	Shahriar
Erlich	Yossi
Fidler	Mark W.
Fisher	Reed
Fleming	Kristoffer
Fujita	Etsumi
Fukui	Taketo
Furuno	David
Gandia Sanchez	Ricardo
Genossar	Michael
Gifford	lan
Gilb	James
Godfrey	Tim
Goh	Sung-Wook
Goldenberg	Sorin
Gorday	Paul
Gravenstein	Martin
Green	Evan
Grohmann	Bernd
Hall	Julian
Harris	Jeff
Hasty	Vann
Heberling	Allen
Heile	Robert
Herold	Barry
Heubaum	Karl
Но	Jin-Meng
Hoghooghi	Michael
Houghton	Patrick
Huang	Chi-Hao
Huang	Robert
Huang	Xiaojing
Igler	Eran
Ikegami	Tetsushi
Jang	Yeong Min

Voting List for Letter Ballot 28

LAST NAME	FIRST NAME
Jiang(Chiang)	Tzyy Hong
Johansson	Peter
Karaoguz	Jeyhan
Kelly	Joy
Kelly	Michael
Kerry	Stuart
Kido	Ryoji
Kim	Haksun
Kim	Jae Young
Kim	Yongsuk
Kim	Young Hwan
Kim	Youngsoo
Kimyacioglu	Kursat
Kindler	Matthias
Kinney	Patrick
Kleindl	Guenter
Kohno	Ryuji
Kupershmidt	Haim
Kuramochi	Yuzo
Kwon	Do-Hoon
Kwon	Taekyoung
Lampe	John
Lansford	Jim
Larsson	Torbjorn
Leach	David
Lee	Dongjun
Lee	Hyung Soo
Lee	Kyung-Kuk
Lee	Myung
Lee	Nag
Lee	Woo-Kyung
Leeper	David
Legrand	Fabrice
Leibovich	Israel
Li	Henry
Li	Huan-Bang
Li	Liang
Liang	Jie
Lin	Susan
Liu	Yong
Lou	Hui-Ling
Lowe	Darryn
Ma	Steve
<u> </u>	1

FIRST NAME
Tadahiko
Akira
Frederick
Abbie
Masafumi
Noriaki
John
Michael
Michael
James
Jim
Leonard
Akira
Hitoshi
Shaomin
Andreas
Mark
Anthony
Marco
Ken
Yves-Paul
Chiu
Erwin
Mizukoshi
Masaki
Richard
John
Knut
Hiroyo
Eric
Philip
John
Bonghyuk
Jonghun
Young Jin
Vijay
Dave
Miguel
Xiaoming
Robert
Paul
Clinton
Raad

Voting List for Letter Ballot 28

Rajkumar Ajay Ranta Pekka Rasor Gregg Razzell Charles Reede Ivan Rich Mark Rikuta Yuko Ritter Benno Robar Terry Roberts Glyn Roberts Richard Roheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro Takahashi Kazuaki	LAST NAME	FIRST NAME
Rasor Gregg Razzell Charles Reede Ivan Rich Mark Rikuta Yuko Ritter Benno Robar Terry Roberts Glyn Roberts Richard Rofheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Rajkumar	Ajay
Rezzell Charles Reede Ivan Rich Mark Rikuta Yuko Ritter Benno Robar Terry Roberts Glyn Roberts Richard Rofheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Ranta	Pekka
Reede Ivan Rich Mark Rikuta Yuko Ritter Benno Robar Terry Roberts Glyn Roberts Richard Rofheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Rasor	Gregg
Rich Rikuta Rikuta Rikuta Rikuta Rikuta Rikuta Rikuta Robar Robar Roberts Richard Roberts Richard Rofheart Roh Rouzet Rouzet Rojinski Chandos Sahinoglu Zafer Saito Santhoff John Sarallo Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Razzell	Charles
Rikuta Yuko Ritter Benno Robar Terry Roberts Glyn Roberts Richard Rofheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Reede	Ivan
Ritter Benno Robar Terry Roberts Glyn Roberts Richard Rofheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutohi	Rich	Mark
Roberts Glyn Roberts Richard Rofheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutohi	Rikuta	Yuko
Roberts Richard Rofheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Ritter	Benno
Roberts Richard Rofheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Robar	Terry
Rofheart Martin Roh Jaeho Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Roberts	Glyn
Roh Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Roberts	Richard
Rouzet Philippe Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Rofheart	Martin
Rypinski Chandos Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Roh	Jaeho
Sahinoglu Zafer Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Rouzet	Philippe
Saito Tomoki Santhoff John Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Rypinski	Chandos
Santhoff Sarallo Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mishan Mishan Mitsuhiro	Sahinoglu	Zafer
Sarallo John Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Saito	Tomoki
Sasaki Yasufumi Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Santhoff	John
Schrum Sidney Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Sarallo	John
Schuster Tom Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Sasaki	Yasufumi
Schylander Erik Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Suzuki Mltsuhiro	Schrum	
Shao Huai-Rong Shellhammer Stephen Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Schuster	
Shellhammer Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Suzuki Mltsuhiro	Schylander	Erik
Shi Chih-Chung Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro		Huai-Rong
Shimada Shusaku Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Shellhammer	· ·
Shin Cheol-Ho Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Shi	
Shiraki Yuichi Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki Mltsuhiro	Shimada	
Shoemake Matthew Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Shin	Cheol-Ho
Shor Gadi Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro		Yuichi
Shvodian William Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Shoemake	Matthew
Siep Thomas Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro		Gadi
Sim Michael Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Shvodian	William
Siwiak Kazimierz Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Siep	Thomas
Somayazulu V Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Sim	Michael
Soomro Amjad Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Siwiak	Kazimierz
Stevenson Carl Struik Marinus Sutton Robert Suzuki MItsuhiro	Somayazulu	V
Struik Marinus Sutton Robert Suzuki Mltsuhiro	Soomro	•
Sutton Robert Suzuki Mltsuhiro	Stevenson	
Suzuki Mltsuhiro	Struik	
	Sutton	
Takahashi Kazuaki	Suzuki	MItsuhiro
	Takahashi	Kazuaki
Takizawa Kenichi	Takizawa	Kenichi

LAST NAME	FIRST NAME
Tan	Teik-Kheong
Tanahashi	Mike
Taylor	James
Terry	John
Tokuda	Kiyohito
Tsao	Jean
Unsal	Oltac
Upton	Jerry
van Leeuwen	Hans
Virk	Bhupender
Wakeley	Timothy
Walrant	Thierry
Wandile	Vivek
Wang	Jerry
Wang	Jing
Wang	Yunbiao
Watanabe	Fujio
Weber	Chris
Welborn	Matthew
Wilson	Richard
Wineinger	Gerald
Wolf	Andreas
Wong	Timothy G.
Wood	Stephen
Worfolk	Patrick
Wu	Xiaodong
Wu	Yu-Ming
Yamaguchi	Hirohisa
Yekeh Yazdandoost	Kamya
Yoshida	Yutaka
Young	Song-Lin
Yung	Hon
Yurdakul	Serdar
Zhang	Honggang
Zheng	Frank Xiaojun
Zhu	Chunhui
Zyren	James