

Ballot  
 Start of Voting  
 Length of Voting Period  
 End of Voting Period

ASC2021-02 - ISO 10110-1  
 Tuesday, November 23, 2021  
 30  
 Thursday, December 23, 2021

Requirement for Approval at OP level:  
 >50% of voting members AND >2/3 of non-abstaining votes actually cast.

PROPOSAL: Approve OEOSC ISO 10110-1 As an American National Standard

Member	Rep	RepTitle	Member Status	Interest Category	Received Ballot	YES	NO	ABS	Did NOT Vote
4D Technology Corporation	Michael North-Morris	Primary	Voter	User					1
AMP Optics, LLC	Adam Phenis	Primary	Voter	User					1
APOMA	Walt Czajkowski	Primary	Voter	Producer	20211222-1322; Czajkows	1			
Blue Ridge Optics	Tara Kamprath	Primary	Voter	Producer	20211222-1327; Kamprat	1			
Coherent Technologies	John Bellum	Primary	Voter	User	20211214-1210;Bellum	1			
Coherent, Inc.	Bruce Perilloux	Primary	Voter	Producer	20211130-1948; Perilloux	1			
E.R. Precision Optical Corporation	Jason Hess	Primary	Voter	Producer					1
Edmund Optics Inc.	Jay Nelson	Primary	Voter	Producer	20211130-0935; Nelson	1			
Eric Herman	Eric Herman	Primary	Voter	General Interest	20211123-1653; Herman	1			
Excelitas	Trey Turner	Primary	Voter	Producer					1
Gage-Line Technology, Inc.	Nancy Renke	Primary	Voter	Producer	20211222-1447;Renke	1			
Gray Optics	Dan Gray	Primary	Voter	User	20211123-2138; Gray	1			
LaCroix Precision Optics	Ray LaCroix	Primary	Voter	Producer	20211223-0944; Warden	1			
Leiner Optics, LLC	Dennis Leiner	Primary	Voter	General Interest	20211123-1015; Leiner	1			
M3 Measurement Solutions Inc.	Erik Stover	Primary	Voter	General Interest					1
Nikon Research Corporation of America	Brian Stamper	Primary	Voter	User					1
NIST	Marla Dowell	Primary	Voter	User	20121223-1522; Dowell	1			
Northrop Grumman Electronic Systems (NGC)	Donna Howland	Primary	Voter	User	20211224-1652; Howland	1			
Optical Perspectives	Bob Parks	Primary	Voter	General Interest	20211123-1135; Parks	1			
Optimax Systems, Inc.	Rick Plympton	Primary	Voter	Producer	20211129-1156; Plympton	1			
Opto-Alignment Technology, Inc.	Ron Garden	Primary	Voter	Producer					1
OSA Optical Society of America	Martha Peterson	Primary	Voter	General Interest					1
QED Technologies	Paul Murphy	Primary	Voter	Producer	20211214-1409; Murphy	1			
Quantel USA	Gary Shaffer	Primary	Voter	User					1
Ray Williamson Consulting	Ray Williamson	Primary	Voter	General Interest	20211124-1059; Williams	1			
Redhead Optical	Jennifer Michaels	Primary	Voter	User	20211219-1021; Michels	1			
Riyo LLC	Richie Youngworth	Primary	Voter	User	20211123-1042; Youngwo	1			
Savvy Optics Corp.	Dave Aikens	Primary	Voter	User	20211201-1028; Aikens	1			
SCHOTT North America, Inc.	James Marro	Primary	Voter	Producer					1
Spica Technologies, Inc.	Michael Thomas	Primary	Voter	General Interest					1
SPIE	Andy Brown	Primary	Voter	General Interest					1
STERIS Instrument Management Services (IMS)	Maciej Dybiec	Primary	Voter	User					1
Triptar Lens Company, Inc.	Allen Krisiloff	Primary	Voter	User					1
Totals						19	0	0	14

Fraction of voting members who cast a vote (must be > 1/2) = 57.6%  
 YES/(YES+NO) Must be > 2/3 = 100%

Row Labels	Sum of YES	Sum of NO	Sum of ABS	Sum of Did NOT Vote	Totals by Interest
Producer	8			4	12
User	7			6	13
General Interest	4			4	8
<b>Grand Total</b>	<b>19</b>			<b>14</b>	<b>33</b>

Ballot  
 Start of Voting  
 Length of Voting Period  
 End of Voting Period

ASC2021-02 - ISO 10110-5  
 Tuesday, November 23, 2021  
 30  
 Thursday, December 23, 2021

Requirement for Approval at OP level:  
 >50% of voting members AND >2/3 of non-abstaining votes actually cast.

PROPOSAL: Approve OEOSC ISO 10110-5 As an American National Standard

Member	Rep	RepTitle	Member Status	Interest Category	Received Ballot	YES	NO	ABS	Did NOT Vote
4D Technology Corporation	Michael North-Morris	Primary	Voter	User					1
AMP Optics, LLC	Adam Phenis	Primary	Voter	User					1
APOMA	Walt Czajkowski	Primary	Voter	Producer	20211222-1322; Czajkows	1			
Blue Ridge Optics	Tara Kamprath	Primary	Voter	Producer	20211222-1327; Kamprat	1			
Coherent Technologies	John Bellum	Primary	Voter	User	20211214-1210;Bellum	1			
Coherent, Inc.	Bruce Perilloux	Primary	Voter	Producer	20211130-1948; Perilloux	1			
E.R. Precision Optical Corporation	Jason Hess	Primary	Voter	Producer					1
Edmund Optics Inc.	Jay Nelson	Primary	Voter	Producer	20211130-0935; Nelson	1			
Eric Herman	Eric Herman	Primary	Voter	General Interest	20211123-1653; Herman	1			
Excelitas	Trey Turner	Primary	Voter	Producer					1
Gage-Line Technology, Inc.	Nancy Renke	Primary	Voter	Producer	20211222-1447;Renke	1			
Gray Optics	Dan Gray	Primary	Voter	User	20211123-2138; Gray	1			
LaCroix Precision Optics	Ray LaCroix	Primary	Voter	Producer	20211223-0944; Warden	1			
Leiner Optics, LLC	Dennis Leiner	Primary	Voter	General Interest	20211123-1015; Leiner	1			
M3 Measurement Solutions Inc.	Erik Stover	Primary	Voter	General Interest					1
Nikon Research Corporation of America	Brian Stamper	Primary	Voter	User					1
NIST	Marla Dowell	Primary	Voter	User	20121223-1522; Dowell	1			
Northrop Grumman Electronic Systems (NGC)	Donna Howland	Primary	Voter	User	20211224-1652; Howland	1			
Optical Perspectives	Bob Parks	Primary	Voter	General Interest	20211123-1135; Parks	1			
Optimax Systems, Inc.	Rick Plympton	Primary	Voter	Producer	20211129-1156; Plympton	1			
Opto-Alignment Technology, Inc.	Ron Garden	Primary	Voter	Producer					1
OSA Optical Society of America	Martha Peterson	Primary	Voter	General Interest					1
QED Technologies	Paul Murphy	Primary	Voter	Producer	20211214-1409; Murphy	1			
Quantel USA	Gary Shaffer	Primary	Voter	User					1
Ray Williamson Consulting	Ray Williamson	Primary	Voter	General Interest	20211124-1059; Williams	1			
Redhead Optical	Jennifer Michaels	Primary	Voter	User	20211219-1021; Michels	1			
Riyo LLC	Richie Youngworth	Primary	Voter	User	20211123-1042; Youngwo	1			
Savvy Optics Corp.	Dave Aikens	Primary	Voter	User	20211201-1028; Aikens	1			
SCHOTT North America, Inc.	James Marro	Primary	Voter	Producer					1
Spica Technologies, Inc.	Michael Thomas	Primary	Voter	General Interest					1
SPIE	Andy Brown	Primary	Voter	General Interest					1
STERIS Instrument Management Services (IMS)	Maciej Dybiec	Primary	Voter	User					1
Triptar Lens Company, Inc.	Allen Krisiloff	Primary	Voter	User					1
Totals						19	0	0	14

Fraction of voting members who cast a vote (must be > 1/2) = 57.6%  
 YES/(YES+NO) Must be > 2/3 = 100%

Row Labels	Sum of YES	Sum of NO	Sum of ABS	Sum of Did NOT Vote	Totals by Interest
Producer	8			4	12
User	7			6	13
General Interest	4			4	8
<b>Grand Total</b>	<b>19</b>			<b>14</b>	<b>33</b>

Ballot  
 Start of Voting  
 Length of Voting Period  
 End of Voting Period

ASC2021-02 - ISO 10110-7  
 Tuesday, November 23, 2021  
 30  
 Thursday, December 23, 2021

Requirement for Approval at OP level:  
 >50% of voting members AND >2/3 of non-abstaining votes actually cast.

PROPOSAL: Approve OEOSC ISO 10110-7 As an American National Standard

Member	Rep	RepTitle	Member Status	Interest Category	Received Ballot	YES	NO	ABS	Did NOT Vote
4D Technology Corporation	Michael North-Morris	Primary	Voter	User					1
AMP Optics, LLC	Adam Phenis	Primary	Voter	User					1
APOMA	Walt Czajkowski	Primary	Voter	Producer	20211222-1322; Czajkows	1			
Blue Ridge Optics	Tara Kamprath	Primary	Voter	Producer	20211222-1327; Kamprat	1			
Coherent Technologies	John Bellum	Primary	Voter	User	20211214-1210;Bellum	1			
Coherent, Inc.	Bruce Perilloux	Primary	Voter	Producer	20211130-1948; Perilloux	1			
E.R. Precision Optical Corporation	Jason Hess	Primary	Voter	Producer					1
Edmund Optics Inc.	Jay Nelson	Primary	Voter	Producer	20211130-0935; Nelson	1			
Eric Herman	Eric Herman	Primary	Voter	General Interest	20211123-1653; Herman	1			
Excelitas	Trey Turner	Primary	Voter	Producer					1
Gage-Line Technology, Inc.	Nancy Renke	Primary	Voter	Producer	20211222-1447;Renke	1			
Gray Optics	Dan Gray	Primary	Voter	User	20211123-2138; Gray	1			
LaCroix Precision Optics	Ray LaCroix	Primary	Voter	Producer	20211223-0944; Warden	1			
Leiner Optics, LLC	Dennis Leiner	Primary	Voter	General Interest	20211123-1015; Leiner	1			
M3 Measurement Solutions Inc.	Erik Stover	Primary	Voter	General Interest					1
Nikon Research Corporation of America	Brian Stamper	Primary	Voter	User					1
NIST	Marla Dowell	Primary	Voter	User	20121223-1522; Dowell	1			
Northrop Grumman Electronic Systems (NGC)	Donna Howland	Primary	Voter	User	20211224-1652; Howland	1			
Optical Perspectives	Bob Parks	Primary	Voter	General Interest	20211123-1135; Parks	1			
Optimax Systems, Inc.	Rick Plympton	Primary	Voter	Producer	20211129-1156; Plympton	1			
Opto-Alignment Technology, Inc.	Ron Garden	Primary	Voter	Producer					1
OSA Optical Society of America	Martha Peterson	Primary	Voter	General Interest					1
QED Technologies	Paul Murphy	Primary	Voter	Producer	20211214-1409; Murphy	1			
Quantel USA	Gary Shaffer	Primary	Voter	User					1
Ray Williamson Consulting	Ray Williamson	Primary	Voter	General Interest	20211124-1059; Williams	1			
Redhead Optical	Jennifer Michaels	Primary	Voter	User	20211219-1021; Michels	1			
Riyo LLC	Richie Youngworth	Primary	Voter	User	20211123-1042; Youngwo	1			
Savvy Optics Corp.	Dave Aikens	Primary	Voter	User	20211201-1028; Aikens	1			
SCHOTT North America, Inc.	James Marro	Primary	Voter	Producer					1
Spica Technologies, Inc.	Michael Thomas	Primary	Voter	General Interest					1
SPIE	Andy Brown	Primary	Voter	General Interest					1
STERIS Instrument Management Services (IMS)	Maciej Dybiec	Primary	Voter	User					1
Triptar Lens Company, Inc.	Allen Krisiloff	Primary	Voter	User					1
Totals						19	0	0	14

Fraction of voting members who cast a vote (must be > 1/2) = 57.6%  
 YES/(YES+NO) Must be > 2/3 = 100%

Row Labels	Sum of YES	Sum of NO	Sum of ABS	Sum of Did NOT Vote	Totals by Interest
Producer	8			4	12
User	7			6	13
General Interest	4			4	8
<b>Grand Total</b>	<b>19</b>			<b>14</b>	<b>33</b>

Ballot  
 Start of Voting  
 Length of Voting Period  
 End of Voting Period

ASC2021-02 - ISO 10110-8  
 Tuesday, November 23, 2021  
 30  
 Thursday, December 23, 2021

Requirement for Approval at OP level:  
 >50% of voting members AND >2/3 of non-abstaining votes actually cast.

PROPOSAL: Approve OEOSC ISO 10110-8 As an American National Standard

Member	Rep	RepTitle	Member Status	Interest Category	Received Ballot	YES	NO	ABS	Did NOT Vote
4D Technology Corporation	Michael North-Morris	Primary	Voter	User					1
AMP Optics, LLC	Adam Phenis	Primary	Voter	User					1
APOMA	Walt Czajkowski	Primary	Voter	Producer	20211222-1322; Czajkows	1			
Blue Ridge Optics	Tara Kamprath	Primary	Voter	Producer	20211222-1327; Kamprat	1			
Coherent Technologies	John Bellum	Primary	Voter	User	20211214-1210;Bellum	1			
Coherent, Inc.	Bruce Perilloux	Primary	Voter	Producer	20211130-1948; Perilloux	1			
E.R. Precision Optical Corporation	Jason Hess	Primary	Voter	Producer					1
Edmund Optics Inc.	Jay Nelson	Primary	Voter	Producer	20211130-0935; Nelson	1			
Eric Herman	Eric Herman	Primary	Voter	General Interest	20211123-1653; Herman	1			
Excelitas	Trey Turner	Primary	Voter	Producer					1
Gage-Line Technology, Inc.	Nancy Renke	Primary	Voter	Producer	20211222-1447;Renke	1			
Gray Optics	Dan Gray	Primary	Voter	User	20211123-2138; Gray	1			
LaCroix Precision Optics	Ray LaCroix	Primary	Voter	Producer	20211223-0944; Warden	1			
Leiner Optics, LLC	Dennis Leiner	Primary	Voter	General Interest	20211123-1015; Leiner	1			
M3 Measurement Solutions Inc.	Erik Stover	Primary	Voter	General Interest					1
Nikon Research Corporation of America	Brian Stamper	Primary	Voter	User					1
NIST	Marla Dowell	Primary	Voter	User	20121223-1522; Dowell	1			
Northrop Grumman Electronic Systems (NGC)	Donna Howland	Primary	Voter	User	20211224-1652; Howland	1			
Optical Perspectives	Bob Parks	Primary	Voter	General Interest	20211123-1135; Parks	1			
Optimax Systems, Inc.	Rick Plympton	Primary	Voter	Producer	20211129-1156; Plympton	1			
Opto-Alignment Technology, Inc.	Ron Garden	Primary	Voter	Producer					1
OSA Optical Society of America	Martha Peterson	Primary	Voter	General Interest					1
QED Technologies	Paul Murphy	Primary	Voter	Producer	20211214-1409; Murphy	1			
Quantel USA	Gary Shaffer	Primary	Voter	User					1
Ray Williamson Consulting	Ray Williamson	Primary	Voter	General Interest	20211124-1059; Williams	1			
Redhead Optical	Jennifer Michaels	Primary	Voter	User	20211219-1021; Michels	1			
Riyo LLC	Richie Youngworth	Primary	Voter	User	20211123-1042; Youngwo	1			
Savvy Optics Corp.	Dave Aikens	Primary	Voter	User	20211201-1028; Aikens	1			
SCHOTT North America, Inc.	James Marro	Primary	Voter	Producer					1
Spica Technologies, Inc.	Michael Thomas	Primary	Voter	General Interest					1
SPIE	Andy Brown	Primary	Voter	General Interest					1
STERIS Instrument Management Services (IMS)	Maciej Dybiec	Primary	Voter	User					1
Triptar Lens Company, Inc.	Allen Krisiloff	Primary	Voter	User					1
Totals						19	0	0	14

Fraction of voting members who cast a vote (must be > 1/2) = 57.6%  
 YES/(YES+NO) Must be > 2/3 = 100%

Row Labels	Sum of YES	Sum of NO	Sum of ABS	Sum of Did NOT Vote	Totals by Interest
Producer	8			4	12
User	7			6	13
General Interest	4			4	8
<b>Grand Total</b>	<b>19</b>			<b>14</b>	<b>33</b>

Ballot  
 Start of Voting  
 Length of Voting Period  
 End of Voting Period

ASC2021-02 - ISO 10110-18  
 Tuesday, November 23, 2021  
 30  
 Thursday, December 23, 2021

Requirement for Approval at OP level:  
 >50% of voting members AND >2/3 of non-abstaining votes actually cast.

PROPOSAL: Approve OEOSC ISO 10110-18 As an American National Standard

Member	Rep	RepTitle	Member Status	Interest Category	Received Ballot	YES	NO	ABS	Did NOT Vote
4D Technology Corporation	Michael North-Morris	Primary	Voter	User					1
AMP Optics, LLC	Adam Phenis	Primary	Voter	User					1
APOMA	Walt Czajkowski	Primary	Voter	Producer	20211222-1322; Czajkows	1			
Blue Ridge Optics	Tara Kamprath	Primary	Voter	Producer	20211222-1327; Kamprat	1			
Coherent Technologies	John Bellum	Primary	Voter	User	20211214-1210;Bellum	1			
Coherent, Inc.	Bruce Perilloux	Primary	Voter	Producer	20211130-1948; Perilloux	1			
E.R. Precision Optical Corporation	Jason Hess	Primary	Voter	Producer					1
Edmund Optics Inc.	Jay Nelson	Primary	Voter	Producer	20211130-0935; Nelson	1			
Eric Herman	Eric Herman	Primary	Voter	General Interest	20211123-1653; Herman	1			
Excelitas	Trey Turner	Primary	Voter	Producer					1
Gage-Line Technology, Inc.	Nancy Renke	Primary	Voter	Producer	20211222-1447;Renke	1			
Gray Optics	Dan Gray	Primary	Voter	User	20211123-2138; Gray	1			
LaCroix Precision Optics	Ray LaCroix	Primary	Voter	Producer	20211223-0944; Warden	1			
Leiner Optics, LLC	Dennis Leiner	Primary	Voter	General Interest	20211123-1015; Leiner	1			
M3 Measurement Solutions Inc.	Erik Stover	Primary	Voter	General Interest					1
Nikon Research Corporation of America	Brian Stamper	Primary	Voter	User					1
NIST	Marla Dowell	Primary	Voter	User	20121223-1522; Dowell	1			
Northrop Grumman Electronic Systems (NGC)	Donna Howland	Primary	Voter	User	20211224-1652; Howland	1			
Optical Perspectives	Bob Parks	Primary	Voter	General Interest	20211123-1135; Parks	1			
Optimax Systems, Inc.	Rick Plympton	Primary	Voter	Producer	20211129-1156; Plympton	1			
Opto-Alignment Technology, Inc.	Ron Garden	Primary	Voter	Producer					1
OSA Optical Society of America	Martha Peterson	Primary	Voter	General Interest					1
QED Technologies	Paul Murphy	Primary	Voter	Producer	20211214-1409; Murphy	1			
Quantel USA	Gary Shaffer	Primary	Voter	User					1
Ray Williamson Consulting	Ray Williamson	Primary	Voter	General Interest	20211124-1059; Williams	1			
Redhead Optical	Jennifer Michaels	Primary	Voter	User	20211219-1021; Michels	1			
Riyo LLC	Richie Youngworth	Primary	Voter	User	20211123-1042; Youngwo	1			
Savvy Optics Corp.	Dave Aikens	Primary	Voter	User	20211201-1028; Aikens	1			
SCHOTT North America, Inc.	James Marro	Primary	Voter	Producer					1
Spica Technologies, Inc.	Michael Thomas	Primary	Voter	General Interest					1
SPIE	Andy Brown	Primary	Voter	General Interest					1
STERIS Instrument Management Services (IMS)	Maciej Dybiec	Primary	Voter	User					1
Triptar Lens Company, Inc.	Allen Krisiloff	Primary	Voter	User					1
Totals						19	0	0	14

Fraction of voting members who cast a vote (must be > 1/2) =  $\frac{19}{33} = 57.6\%$   
 YES/(YES+NO) Must be > 2/3 =  $\frac{19}{33} = 100\%$

Row Labels	Sum of YES	Sum of NO	Sum of ABS	Sum of Did NOT Vote	Totals by Interest
Producer	8			4	12
User	7			6	13
General Interest	4			4	8
<b>Grand Total</b>	<b>19</b>			<b>14</b>	<b>33</b>