

Tuesday - October 23, 2018					
Room: Oceans 9 Ownership / Public Use Management		PDHs	Room: Oceans 10 Machinery / Mechanisms	PDHs	
8:30-9:15	Monitor - David Knickerbocker		8:30-9:15	Monitor - Stan Kaderbek	
	Span Lock Hydraulic Cylinders> Michael Hanley, CFPHS			Emergency Strauss Bascule Link Pin Repair - Seabrook Bascule Bridge> Tyler J. Miller	
9:20-10:05	NYCDOT Shore Road (Pelham) Bridge> Rahul Shah, PE, William Nyman, PE	NY PE PDH	9:20-10:05	Tacony-Palmyra Bridge - Span Drive Machinery Replacement> Glen Miller, PE, Dylan Pollock	
	Break			Break	
10:05-10:35	Break		10:05-10:35	Break	
10:35-11:20	The A11 Bascule Bridge> Jeeon Dieusaert, Rudy Benitez		10:35-11:20	Machinery Repairs to Maintain Operatibility of an 1890's Swing Span> Robert Tosolt, PE	
	A Unique Vertical Lift Bridge to Replace Newfoundland's Only Movable Bridge> Jack Ajrab, P. Eng, Mike Denis-Rohr, PE			Minnesota Slip Pedestrian Bridge> John Gimblette, PE, Alec Noble, PE	
11:25-12:10	Break		11:25-12:10	Break	
12:15-1:50	Lunch -		12:15-1:50	Lunch -	
1:50-2:35	Monitor - Jon Henrichsen		1:50-2:35	Monitor - Tim Klein	
	Span Lock Hydraulic Cylinders> Michael Hanley, CFPHS			Emergency Strauss Bascule Link Pin Repair - Seabrook Bascule Bridge> Tyler J. Miller	
2:40-3:25	NYCDOT Shore Road (Pelham) Bridge> Rahul Shah, PE, William Nyman, PE	NY PE PDH	2:40-3:25	Whitpenn Bridge Electrical Construction Update> Robert Dudik	
	Break			Break	
3:25-3:55	Break		3:25-3:55	Break	
3:55-4:40	The A11 Bascule Bridge> Jeeon Dieusaert, Rudy Benitez		3:55-4:40	Machinery Repairs to Maintain Operatibility of an 1890's Swing Span> Robert Tosolt, PE	
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4:45-5:30	Break		4:45-5:30	Break	
Room: Oceans 11 Performance / Construction/ Maintenance		PDHs	Room: Oceans 12 Fluid Power / Electrical Systems		PDHs
8:30-9:15	Monitor - Greg Baron		8:30-9:15	Monitor- Robert Moses	
	Counterweight Trunnion Bearing Rehabilitation for a Strauss Heel Trunnion Bascule Bridge> John Williams, PE, Stephen Percassi, PE, Matthew Crawford, PE			E-Chain Dynamic Cable Management Systems> Sean McCaskill, Dave Kortkamp, James Weston	
9:20-10:05	Hood River Bridge - Unique Solutions to Interesting Problems> Paul Bandlow, PE, John Mann	NY PE PDH	9:20-10:05	Architecture in Motion - Drive and Control Solutions in Architecture> Peter Antoszkiewicz, Parveen Gupta	
	Break			Break	
10:05-10:35	Break		10:05-10:35	Break	
10:35-11:20	Mitigation of Cracks in Sheave Trunnions of the Burlington Bristol Bridge> Robert Gessel		10:35-11:20	Canadian National Bridge 198, Electrical Automation for Operational Maintenance on a Skewed Tower Drive Vertical Lift Bridge> Ricardo Rodriguez, Michael Harrison, PE	
	The Sarah Mildred Long Railway/Highway Bridge> Peter Roody, PE			Hydraulic Power Trends> Rodolfo Benitez, Keaton Holappa	
11:25-12:10	Break		11:25-12:10	Break	
12:15-1:50	Lunch -		12:15-1:50	Lunch -	
1:50-2:35	Monitor - Steve Mikucki		1:50-2:35	Monitor - Megan Tatara	
	Counterweight Trunnion Bearing Rehabilitation for a Strauss Heel Trunnion Bascule Bridge> John Williams, PE, Stephen Percassi, PE, Matthew Crawford, PE			E-Chain Dynamic Cable Management Systems> Sean McCaskill, Dave Kortkamp, James Weston	
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Wednesday: October 24, 2018				
Room: Oceans 9 Ownership/Pubic Use and Management		PDHs	Room: Oceans 10 Machinery / Mechanisms	PDHs
8:30-9:15	Monitor - Jim Phillips		Monitor - Paul Bandlow	
	<b>New North Hero Bascule Bridge</b> > Herb Protin, PE, Pete Davis, PE, Mike Mozer, PE, Stephanie Santrich		<b>Span Drive Vibration at the Hood Canal Bridge</b> > Ryan Kanagy, PE, Duane Stone, PE	
9:20-10:05	<b>Panel Discussion: Accelerated Bridge Construction Considerations for Movable Bridges</b> > Alberto Sardinas		<b>Emergency Replacement of Tower Drive Vertical Lift Bridge Bearings</b> > Evan Dimmerling, PE, Nicholas Fisco, PE	
	Break		Break	
10:05-10:35	Break		Break	
10:35-11:20	<b>Movable Bridge Lightweight Concrete Deck Design &amp; Construction Considerations</b> > George Patton, PE, Phil Gase		<b>Enclosed Drives for Movable Bridges - Engineering Design &amp; Testing Considerations</b> > Steve Szychowski, Ernest Pearce	
11:25-12:10	<b>92rd Street Bridge</b> > Brian Santosuosso, SE, John Williams, PE		<b>Solid Modeling - the What, the How and the Why</b> > Reid Brooks	NY PE PDH
12:15-1:50	Lunch -		Lunch -	
1:50-2:35	Monitor - Amaka Amalu-Anderson		Monitor - Jeff Keyt	
	<b>New North Hero Bascule Bridge</b> > Herb Protin, PE, Pete Davis, PE, Mike Mozer, PE, Stephanie Santrich		<b>Span Drive Vibration at the Hood Canal Bridge</b> > Ryan Kanagy, PE, Duane Stone, PE	
2:40-3:25	<b>Technology from Offshore Jack-Up Vessels to Enhance Movable Bridges</b> > Seth Stansbury, A.W. Griepentstroh		<b>Aligning Span Drive Machinery Open Gearing on a New Rolling Lift Bridge</b> > Ralph Giernacky, PE	
	Break		Break	
3:25-3:55	Break		Break	
3:55-4:40	<b>Movable Bridge Lightweight Concrete Deck Design &amp; Construction Considerations</b> > George Patton, PE, Phil Gase		<b>Enclosed Drives for Movable Bridges - Engineering Design &amp; Testing Considerations</b> > Steve Szychowski, Ernest Pearce	
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Room: Oceans 11 Structural Elements/Construction		PDHs	Room: Oceans 12 Performance/Construction/Maintenance	PDHs
8:30-9:15	Monitor - Michael Hanley		Monitor - Emily Miletich	
	<b>Orthotropic Steel Deck for Short Span Movable Bridges</b> > Eric Levesque, Maxime Ampleman		<b>Structural Health Monitoring for Maintenance and Operation</b> > Nathan Dubbs, PhD, PE	
9:20-10:05	<b>Rapid Replacement of the Bayou Sara Bridge Swing Span</b> > David Knickerbocker PhD, PE, Kevin Kane, PE, Israe Zizaoui		<b>Construction Engineering for the Adams Street Bascule Bridge</b> > Stan Kaderbek, SE, PE, Stephen Long SE, PE	
	Break		Break	
10:05-10:35	Break		Break	
10:35-11:20	<b>Two Unique Bridges - The Gut Bridge and the Johnson Street Bridge</b> > Keith Griesing, PE, Peter Roody, PE, Jordan Warnke, PE		<b>Strauss Heel Trunnion Operating Pin Repair- Jacksonville Bridge</b> > Andrew Brodsky	
11:25-12:10	<b>Broadway Bridge Rall Wheel Repair</b> > Kevin Ciampi, PE		<b>Accelerated Construction Technique: Tamiami Canal Bridge Replacement</b> > Dhaval Gandhi	
12:15-1:50	Lunch -		Lunch -	
1:50-2:35	Monitor - Hank Pokigo		Monitor - Stewart Hingle	
	<b>Orthotropic Steel Deck for Short Span Movable Bridges</b> > Eric Levesque, Maxime Ampleman		<b>Structural Health Monitoring for Maintenance and Operation</b> > Nathan Dubbs, PhD, PE	
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4:45-5:30	<b>Broadway Bridge Rall Wheel Repair</b> > Kevin Ciampi, PE		<b>Accelerated Construction Technique: Tamiami Canal Bridge Replacement</b> > Dhaval Gandhi	

Thursday: October 25, 2018

Room: Oceans 9 Structural Elements		PDHs	Room: Oceans 10 Fluid Power/Electrical		PDHs
8:30-9:15	Monitor - George Patton		8:30-9:15	Monitor - Alec Noble	
	<b>3 Dimensional Parametric Modeling for Accurate Span Balance&gt;</b> Manab Medhi, PE, SE, Alan Bloomquist, PE			<b>Variable Speed Direct Hydraulic Drive Applications&gt;</b> Ashok Amin	
9:20-10:05	<b>Innovative Temporary System for Florida Vertical Lift Bridge Rehabilitations&gt;</b> Henri Sinson, PE, Amaka Amalu-Anderson, PE		9:20-10:05	<b>Design of Hydraulic Transfer Bridges&gt;</b> Herbert Protin, PE, Peter Davis, PE, Shadi Ammar, PE, Nicholas Piciocco	
	Break			Break	
10:35-11:20	<b>3 Dimensional Parametric Modeling for Accurate Span Balance&gt;</b> Manab Medhi, PE, SE, Alan Bloomquist, PE		10:35-11:20	<b>Variable Speed Direct Hydraulic Drive Applications&gt;</b> Ashok Amin	
	<b>Innovative Temporary System for Florida Vertical Lift Bridge Rehabilitations&gt;</b> Henri Sinson, PE, Amaka Amalu-Anderson, PE			<b>Design of Hydraulic Transfer Bridges&gt;</b> Herbert Protin, PE, Peter Davis, PE, Shadi Ammar, PE, Nicholas Piciocco	
Room: Oceans 11 Machinery/Mechanisms		PDHs	Room: Oceans 12 Fluid Power/Electrical		PDHs
8:30-9:15	Monitor - Leo Rodriguez		8:30-9:15	Monitor - Peter Antoszkiewicz	
	<b>Obtaining Acceptable Load Sharing &amp; Gear Action without a Differential&gt;</b> Geoffrey Forest	NY PE PDH		<b>Motor Upsizing&gt;</b> Megan Tatara, Joseph Jacobus	
9:20-10:05	<b>Selection Criteria for Bearings and Housings in Heavy Movable Structures&gt;</b> Rachael Braddick, Robert Leimkubler		9:20-10:05	<b>Electrical and Control Solutions for Remote Operation of Railway Bridges&gt;</b> Raphael Costa, PE	
	Break			Break	
10:35-11:20	<b>Obtaining Acceptable Load Sharing &amp; Gear Action without a Differential&gt;</b> Geoffrey Forest	NY PE PDH	10:35-11:20	<b>Motor Upsizing&gt;</b> Megan Tatara, Joseph Jacobus	
	<b>Selection Criteria for Bearings and Housings in Heavy Movable Structures&gt;</b> Rachael Braddick, Robert Leimkubler			<b>Electrical and Control Solutions for Remote Operation of Railway Bridges&gt;</b> Raphael Costa, PE	