



2024 MATE ROV COMPETITION WORLD CHAMPIONSHIP SCHEDULE OF EVENTS



LIVE STREAM

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MARRIOTT MEADOWVIEW

1901 Meadowview Pkwy
Kingsport, TN 37660

KINGSPORT AQUATIC CENTER

1820 Meadowview Pkwy
Kingsport, TN 37660

TUESDAY, JUNE 18

TIME	LOCATION	ACTIVITY
3:00PM - 5:30PM	Marriott MeadowView Conference Center Grand Ballroom Coat/Registration	Competition welcome and check-in Safety inspections

WEDNESDAY, JUNE 19

TIME	LOCATION	ACTIVITY
9:00AM - 5:00PM	Marriott MeadowView Conference Center Grand Ballroom Coat/Registration	Competition welcome and check-in Safety inspections
6:00PM - 8:00PM	High Voltage	Judge/Volunteer/VIP Soiree

THURSDAY, JUNE 20 MATE Information Area will be co-located with Visit Kingsport in the lobby of the Kingsport Aquatic Center.

TIME	LOCATION	ACTIVITY
7:00AM - 8:30AM	Kingsport Aquatic Center	Teams are welcome to place their ROV and equipment at their assigned workstation before heading to the Marriott MeadowView for the Opening Ceremonies. Workstations will be housed under tents located behind the building.
9:00AM - 10:00AM	MeadowView - Convention Center A	Opening ceremonies and welcome by Brian Noland, Board of Directors, Tennessee Valley Authority/President, East Tennessee State University
10:15AM - 11:30AM	MeadowView - Convention Center A	Team briefing and product demonstration Q&A. Teams are invited to send 1 team member and 1 mentor to the front near the stage while the other team members set up workstations.
10:30AM - 2:00PM	Kingsport Aquatic Center - Outside Tents	Teams continue to set up workstations. Safety inspections continue, if needed. Inspectors will be located at the repair and power-up station in the tent area.
10:30AM - 6:00PM	MeadowView Convention Center Lobby + Foyer	Teams set up marketing displays (posters must be set up by 6:00PM or will not be judged!)
11:30AM	Kingsport Aquatic Center - Lobby	Inspiration for Innovation exhibits set up and opening
11:30AM - 1:00PM	Kingsport Aquatic Center Judges' Hospitality Room MeadowView - Crockett Amphitheater	Lunch for judges, volunteers, photographers, and VIPs Lunch for engineering presentation and marketing display judges
12:00PM - 1:30PM	MeadowView - Crockett Amphitheater	Engineering presentation judges' briefing
1:00PM - 2:30PM	Kingsport Aquatic Center - Pool Deck	RANGER/PIONEER/EXPLORER product demonstration judges' briefing
1:00PM - 6:15PM	Kingsport Aquatic Center - HMG Shallow End	Teams can test their vehicles only AFTER passing safety inspection
2:30PM - 5:30PM	MeadowView - Meeting Rooms	RANGER, PIONEER and EXPLORER Engineering Presentations
4:00PM - 6:00PM	Kingsport Aquatic Center - HMG Competition Pool	RANGER, PIONEER and EXPLORER Product Demonstrations
6:15PM	Kingsport Aquatic Center	End of scheduled events
7:30PM	Kingsport Aquatic Center	Teams clear out of workstations





2024 MATE ROV COMPETITION WORLD CHAMPIONSHIP SCHEDULE OF EVENTS

FRIDAY, JUNE 21 MATE Information Area will be co-located with Visit Kingsport in the lobby of the Kingsport Aquatic Center.

TIME	LOCATION	ACTIVITY
7:00AM	Kingsport Aquatic Center	Teams can arrive at the Aquatic Center and access their workstations
8:00AM - 5:00PM	Look our for QR CODE POSTERS Patches located at the MATE Information Area	Students, faculty, parents, and judges complete surveys to receive the 2024 competition patch
8:30AM - 9:30AM	Marriott MeadowView - Meet in the Lobby	Marketing display judges' briefing
8:30AM - 11:30AM	Marriott MeadowView - Meeting Rooms	RANGER, PIONEER, and EXPLORER Engineering Presentations (cont'd)
8:30AM - 12:00PM	Kingsport Aquatic Center - HMG Competition Pool	RANGER, PIONEER, and EXPLORER Product Demonstrations
9:00AM - 6:00PM	Kingsport Aquatic Center - Lobby	Inspiration for Innovation exhibit set up and opening
11:30AM - 1:00PM	Kingsport Aquatic Center Judges' Hospitality Room Marriott MeadowView - Crockett Amphitheater	Lunch for judges, volunteers, photographers, and VIPs Lunch for engineering presentation and marketing display judges
1:30PM - 3:45PM	Marriott MeadowView - Meeting Rooms	RANGER, PIONEER, and EXPLORER Engineering Presentations (continued and completed)
1:00PM - 5:00PM	Kingsport Aquatic Center - HMG Competition Pool	RANGER, PIONEER, and EXPLORER Product Demonstration (continued and completed)
6:00PM	Kingsport Aquatic Center	Teams exit workstations
6:30PM - 8:30PM	The Farmer's Market	Welcome to Kingsport Social Opportunity to NETWORK with MATE Competition Alumni!

SATURDAY, JUNE 22 MATE Information Area will be co-located with Visit Kingsport in the lobby of the Kingsport Aquatic Center.

TIME	LOCATION	ACTIVITY
7:00AM	Kingsport Aquatic Center	Teams can arrive at the Aquatic Center and access their workstations
8:00AM - 12:00PM	MATE Information Area	Students, faculty, parents, and judges complete surveys to receive the 2024 competition patch
8:30AM - 12:20PM	Kingsport Aquatic Center - Lobby	Inspiration for Innovation exhibit set up and opening
8:30AM - 12:20AM	Kingsport Aquatic Center - HMG Competition Pool	COLLABORATIVE BONUS MISSION
9:00AM - 2:00PM	Kingsport Aquatic Center	Teams pack up workstations and marketing displays REMINDER: There is no shipping from the Aquatic Center. Teams must take their ROV and associated equipment with them.
11:30AM - 1:00PM	Kingsport Aquatic Center Judges' Hospitality Room Marriott MeadowView - Crockett Amphitheater	Lunch for judges, volunteers, photographers, and VIPs Lunch for engineering presentation and marketing display judges
1:30PM - 3:00PM	Marriott MeadowView - Crockett Amphitheater	Judges' meeting and scoring wrap-up
5:45PM - 7:15PM	Marriott MeadowView - Convention Center A	Awards Ceremony Remarks by Rod Larson, CEO Oceaneering International, Inc.
8:00PM - 10:00PM	Marriott MeadowView - The Patio	Post-Awards Judges' Dinner

SHARE YOUR WORLD CHAMPIONSHIP EXPERIENCE ON SOCIAL MEDIA!

Let's spread the excitement far and wide! Capture your MATE World Championship journey and share it on social!

Tag **@materovcompetition** and use **#watergame**.





2024 MATE ROV COMPETITION WORLD CHAMPIONSHIP

THANK YOU OFFICIALS

MATE EXECUTIVE DIRECTOR

Jill Zande, *Marine Technology Society*

VP OF MATE

David Golden, *Marine Technology Society*

CHIEF EXECUTIVE OFFICER

Chris Ostrander, *Marine Technology Society*

MATE TECHNICAL MANAGER

Matthew Gardner, *Marine Technology Society*

CHIEF RULES JUDGES

Justin Manley, *Marine Technology Society*

Jerry Miller, *Marine Technology Society*

MATE OPERATIONS MANAGER

Tawni Gott, *Marine Technology Society*

COMPETITION NETWORK DEVELOPMENT DIRECTOR & REGISTRAR

Jody Patterson, *Marine Technology Society*

SENIOR DIRECTOR OF OPERATIONS & EVENTS

Kristina Norman, *Marine Technology Society*

SENIOR DIRECTOR, ENGAGEMENT & MEMBER RELATIONS

Claire Idell, *Marine Technology Society*

COMMUNICATIONS MANAGER

Chelsea Bladow, *Marine Technology Society*

DIMENSION & WEIGHT JUDGES

Andrea Schmuttermair, *Teacher At Sea Alumni Association*

Stan Wyman, *Stan Wyman Robotics*

ENGINEERING PRESENTATION JUDGES

Joe Wise, *TORC*

Andrew Charway, *Oceaneering International*

Brian Fierstein, *Oceaneering International*

Christopher Leon, *Oceaneering International*

David Sampsell, *GLE*

Dennis Courtney, *STREAMWORKS*

Gary Wieboldt, *Oceaneering International*

Jennifer Feathers, *Workspaceinteriors*

Natalie Sampsell, *Google*

Patrick Barrow, *Oceaneering International*

Erica Sampaga, *Oceaneering International*

International Scott Bentley, *VideoRay*

Seth Baklor, *Integrated Insight*

Shelly Franklin, *Oceaneering International*

Tony Saucier, *Oceaneering International*

Libby Rejman, *Oceaneering International*

ENGINEERING PRESENTATION & TECHNICAL DOCUMENTATION LEAD JUDGE

Eric Baker, *Pratt & Whitney*

DIVE SUPPORT

Allison Flanary

Chris Bateson, *Aquatrek Adventures*

Chuck Swecker, *Aquatrek Adventures*

Meg Swecker, *Aquatrek Adventures*

Richard Blackwood, *Aquatrek Adventures*

William Flanary

James Duval

Charlie Eisele

LIVESTREAM GRAND POOBAH

Mike Pesavento

LIVESTREAM TEAM

Brian Grau, *Mission Robotics, Inc.*

Walt Holm, *Mission Robotics, Inc.*

Nicolas Fish

Patrick Fish

Zach Bladow, *NCAT*

EMCEES

Patrick Rowe, *ROV Industry*

Rick Rupan, *UW*

PHOTOGRAPHERS/VIDEOGRAPHERS

Karen Leon, *Karen Danielle Photography*

Bill Mallin, *Oceaneering International*

Maynard Okereke, *Hip Hop Science*

Ruben Courtade, *Oceaneering International*

REPAIR STATION

Nathaniel Guest, *VideoRay*

PRODUCT DEMONSTRATION JUDGES

Adam Fuselier, *Fugro USA*

Desmon Al-Fajri, *Teknokrat Roboboat Community*

Ivan Becerril, *4-H STEM, University of Arizona*

Justin McDonald, *Theodore High School*

Kania Greer, *Georgia Southern University*

Kurt Ruppel

Marcelo Helminsky, *Oceaneering International*

Mark Stevens, *Fugro USA Marine Inc*

Mary Thaler, *Georgia Southern University*

Maureen Barrett, *PA MATE Regional*

McKenzie Perry, *Oceaneering International*

Michaela Barnes, *Memorial University of Newfoundland and Labrador*

Nancy Summers, *Oceaneering International*

Ros Shanks, *Robert Gordon University*

Steven Bradshaw, *Georgia Tech*

Suzi Ward, *Oceanwide*

Tara Willis, *Long Beach City College*

William D Lee, *Smithsonian Marine Station Fort Pierce*

Pierce

POOL PRACTICE COORDINATORS

Daniel Moffatt, *Thunder Bay National Marine Sanctuary*

Rachel McDonald, *Dauphin Island Sea Lab*

SCOREKEEPERS

Debbi Kill, *Marine Technology Society*

Jessie Jackson, *Retired Engineer*

Cody Grandy, *STREAMWORKS*

INFORMATION STATION

Marie Babb

Nanette Fraser, *Long Beach City College*

TEAM CHECK-IN

Anna Patel

SAFETY INSPECTORS

Anthony Randell, *Memorial University*

James Hotard, *Oceaneering International*

Jennifer Feathers, *Workspaceinteriors*

Lina Nassar, *MATE Competition Alumnus*

Scott Fraser, *Long Beach City College*

Tara Willis, *Long Beach City College*

William D Lee, *Smithsonian Marine Station Fort Pierce*

Tony Saucier, *Oceaneering International*

Nancy Summers, *Oceaneering International*

Steven Bradshaw, *Georgia Tech*

Renee Russell

TECHNICAL DOCUMENTATION JUDGES

Ahmed Abdelsamad, *UGDC*

Astha Kukreja, *University of Michigan*

Ben Honey, *NASA*

Christian Samson, *Defence Research and Development Canada*

Douglas Johnson, *North Texas Area*

Ella Ashford, *Willamette University*

Grant Geyer, *Purdue University*

Jim McDonnell, *Pac Bell (retired)*

Libby Rejman, *Oceaneering International*

Lina Nassar, *MATE Competition Alumnus*

Michaela Barnes, *Memorial University of Newfoundland and Labrador*

Mirza Samnani, *Team Screwdrivers*

Natalie Sampsell, *Google*

Neil Stagg, *Society of Underwater Technology*

Nick Graham, *Kraken Robotic Systems Inc*

Renee Ishisaka, *SSFM International, Inc.*

Robin Bradbeer, *MATE Asia*

Russell Kackley, *Subaru Telescope*

Saleem Anwar Khan, *Aligarh Muslim University*

Seth Baklor, *Integrated Insight*

Steve Wright, *Retired*

Tom Glebas, *VideoRay*

Eben Franks, *Littoral Power Systems*

Tony Saucier, *Oceaneering International*



2024 MATE ROV COMPETITION WORLD CHAMPIONSHIP THANK YOU OFFICIALS

MARKETING DISPLAY LEAD JUDGE

Carol Rivera, Peninsula School District

MARKETING DISPLAY JUDGES

Emily Barrow, Davis & Associates CPA Firm

Heather Askea, UVAWISE

Hossameldin Hussein, Higher Technological Institute

Lina Nassar, MATE Competition Alumnus

Lisa Bradshaw, Georgia Tech

Mohamed Aboud, University Of Dubai

Olayinka Mohorn, University of Memphis

Wayne Oras, HAWKS Engineering

INSPIRATION FOR INNOVATION EXHIBITORS

Colbi Gemmell, Florida Institute of Oceanography

Kristel Hall, Blue Robotics

Kurt Yeager, Blue Robotics

McKinley Sexton, SeaMATE

Melissa Miller, Scripps Institution of Oceanography

Owenada Moore, Fugro

Ashley Morales, Fugro

Nicole Mendez, Florida Institute of Oceanography

Christopher Sharp, Florida Institute of Oceanography

LIVE STREAM



[twitch.tv/mateinspires1](https://www.twitch.tv/mateinspires1)

COMPANY SPEC SHEET JUDGES

Betsy Wilkening, MATE Arizona Regional

Christine Van Deen, Olympic Coast National Marine Sanctuary

Fritz Stahr, Open Ocean Robotics

Kam Tim Woo, HKUST

Rachel McDonald, Dauphin Island Sea Lab

Ros Shanks, Robert Gordon University

Sergey Mun, The Center for Robotics Development

CORPORATE RESPONSIBILITY JUDGES

Kam Tim Woo, HKUST

Maureen Barrett, PA MATE Regional

Ros Shanks, Robert Gordon University

Steve Barrow, ROVengineer Consulting Inc.

Fritz Stahr, Open Ocean Robotics

Kania Greer, Georgia Southern University

RUNNER

Rowan Manley, Marine Technology Society

PROJECT EVALUATOR

Bridget Zimmerman, Nautilus Evaluation Services

VIP ATTENDEES

Roderick Larson, Oceaneering International

Kathryn Wise, TORC

Kim Miller, University of South Florida

Martin Klein, MIT

Monty Graham, Florida Institute of Oceanography

Katharine Weathers, Marine Technology Society

“The MATE ROV Competition would not be what it is today without the help and support of its volunteers! We couldn't do what we do without them. We appreciate that they choose to donate their time and talents to the MATE ROV Competition!”

Jill Zande | MATE Executive Director

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#watergame



materovcompetition.org | mtsociety.org

EXPLORER CLASS

#	School or Organization	Team Name	Location
EX20	Aquaphoton Academy	Aquaphoton Academy	Alexandria, Egypt
EX23	East Tennessee State University	Buccaneers	Johnson City, TN, U.S.A.
EX28	California Polytechnic State University	Cal Poly UROV	San Luis Obispo, CA, U.S.A.
EX12	City University of Hong Kong	CityU Underwater Robotics	Hong Kong, Hong Kong
EX09	University of Colorado Boulder	Colorado Robosub	Boulder, CO, U.S.A.
EX24	Columbia University	Columbia University	New York, NY, U.S.A.
EX25	Case Western Reserve University	CWRUbotix	Cleveland, Ohio, U.S.A.
EX08	Xi'an Jiaotong University	DuXing Poseidon	Shaanxi, China
EX26	Memorial University	Eastern Edge Robotics	St. Johns, NL, Canada
EX19	The Hong Kong Polytechnic University	Engineering Entrepreneurship Club Inc	Hong Kong, Hong Kong
EX01	HKUST	EpoXsea	Hong Kong, Hong Kong
EX05	Macau Anglican College	Fish Logic	Macau, Macau
EX04	MAHE, Dubai	Jalpari	Dubai, United Arab Emirates
EX15	Jesuit High School	Jesuit Robotics	Carmichael, CA, U.S.A.
EX07	Pasadena City College	Lancer Lumineers	Pasadena, CA, U.S.A.
EX11	Linn Benton Community College	Linn Benton CC	Albany, OR, U.S.A.
EX10	Alexandria University	M.I.A. Robotics	Alexandria, Egypt
EX27	Nanyang Technological University	MECATRON	Singapore, Singapore
EX06	Northeastern University	NUWave	Boston, MA, U.S.A.
EX16	Politecnico di Torino	PoliTOcean	Torino, Italy
EX22	Purdue University	Purdue	West Lafayette, IN, U.S.A.
EX21	HTI, 10th of Ramadan	Sailfish ROV	Sharqia Governorate, Egypt
EX14	CETYS Universidad	Seafox Inventive	Mexicali, Mexico
EX29	Cabrillo College	Seahawk	Aptos, CA, U.S.A.
EX17	Copiah Lincoln Community College	SeaWolves	Wesson, MS, U.S.A.
EX18	Technologico de Monterrey	TecXotic	Moreles, Mexico
EX13	University of Washington	UWROV	Seattle, WA, U.S.A.
EX03	Long Beach City College	Viking Explorers	Long Beach, CA, U.S.A.
EX02	Wentworth Institute of Technology	WUROV	Boston, MA, U.S.A.

PIONEER CLASS

#	School or Organization	Team Name	Location
PN08	AGH University of Krakow	AGH Marines	Krakow, Poland
PN13	Clovis Community College	Crush Depth	Fresno, CA, U.S.A.
PN11	Allan Hancock College	Deep Sea Dogs	Santa Maria, CA, U.S.A.
PN04	Estrella Mountain Community College	Desert Star Robotics	Avondale, AZ, U.S.A.
PN12	University of Texas at Dallas	Hydromeda	Dallas, TX, U.S.A.
PN14	Leonardo de Vinci University	HydroVinci	Courbevoie, France
PN01	Miramar Community College	Miramar Jets	San Diego, CA, U.S.A.
PN07	University of Central Florida	Neptune Knights	Orlando, FL, U.S.A.
PN09	Northeast State Community College	Northeast State CC Elite Academy	Blountville, TN, U.S.A.
PN05	Piedmont Virginia Community College	PVCC	Charlottesville, VA, U.S.A.
PN02	Simon Fraser University	Subvision	Vancouver, BC, Canada
PN10	Edmonds Community College	Triton Tech Robotics	Edmonds, WA, U.S.A.
PN03	Esslingen UAS	U.Stall	Esslingen, Germany
PN06	Embry-Riddle Aeronautical University	Wave Co.	Daytona Beach, FL, U.S.A.

RANGER CLASS

#	School or Organization	Team Name	Location
RN31	Pui Ching Middle School Macau	Achelous	Macau, Macau
RN32	Moody High School	Aquabot Technicians	Corpus Christi, TX, U.S.A.
RN16	Singapore American School	Blue Lobster	Singapore, Singapore
RN07	Brother Rice High School	Brother Rice Robotics	Chicago, IL, U.S.A.
RN22	Independent	Coral Crusaders	Redmond, WA, U.S.A.
RN35	Clareville High School	Cougar Robotics	Clareville, NL, Canada
RN03	Pensacola Catholic High School	Crubotics	Pensacola, FL, U.S.A.
RN36	Beijing New Talent School	Dark Blue	Beijing, China
RN39	Landstown Governor's STEM Academy	Deep Sea Tactics	Virginia Beach, VA, U.S.A.
RN34	Florida Atlantic University High School	FAUHS Night Owls	Boca Raton, FL, U.S.A.
RN33	Eastwood School	GEARS	Mongomery, AL, U.S.A.
RN10	St. Francis High School	Geneseas	Sacramento, CA, U.S.A.
RN17	X Academy	Hephaestus Robotics	Santa Cruz, CA, U.S.A.
RN01	Holy Heart of Mary High School	HHM ROV	St. John's, NL, Canada
RN13	ASIST	Hydro Sapien	Kampala, Uganda, Africa
RN18	KTSCSS	KTSCSS	Hong Kong, Hong Kong
RN02	Mintlaw Academy	Mintlaw ROV	Scotland, United Kingdom
RN11	Phillips Exeter Academy	MUREX	Exeter, NH, U.S.A.
RN28	Pacific Horizons School	Navitechers	Pago Pago, American Samoa, U.S.A.
RN09	Fukien Secondary School	Over-Defined	Hong Kong, Hong Kong
RN19	Overflow Robotics	Overflow Robotics	Alexandria, Egypt
RN29	Brooks DeBartolo Collegiate HS	Phoenix Robotics	Tampa, FL, U.S.A.
RN20	Palos Verdes High School	PVIT	Palos Verdes Estates, CA, U.S.A.
RN26	D-B Excel	R'Mateys	Kingsport, TN, U.S.A.
RN12	The KAUST School	Red Sea Robotics	Thuwal, Saudi Arabia
RN14	American Robert College of Istanbul	Robert College Makers	Istanbul, Turkey
RN06	Boulder High School	Robosharks	Boulder, CO, U.S.A.
RN23	Lanier High School	SeaCows	Sugar Hill, GA, U.S.A.
RN05	St. Francis School District	SFRobotics	St. Francis, WI, U.S.A.
RN25	Labrador Straits Academy	Shark Tech	L'anse au Loup, NL, Canada
RN30	Lee County High School	Stingrays	Jonesville, VA, U.S.A.
RN38	Medford Vocational Technical HS	Sunk Robotics	Medford, MA, U.S.A.
RN24	Warrenton Hammond School District	The Rays	Warrenton, OR, U.S.A.
RN27	Seattle Academy of Arts	Triton	Seattle, WA, U.S.A.
RN21	Alpena High School	UR2	Alpena, MI, U.S.A.
RN37	Valley Christian High School	Valley Christian Warrior Tides	San Jose, CA, U.S.A.
RN04	Vortex Robotics Co	Vortex	Alexandria, Egypt
RN08	North Paulding Robotics	WhaleTech	Dallas, GA, U.S.A.
RN15	Hackley School	Whirlpool Robotics	Tarrytown, NY, U.S.A.

COMPETE. BE SAFE. HAVE FUN.