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Boating Safety Circular

The Boating Safety Circular is a product of the United States Coast Guard’s Office of Auxiliary and Boating Safety — Boating Safety Division — Recreational Boating Product Assurance Branch, Commandant (BSX-23), 2703 Martin Luther King Jr Ave SE, Stop 7501, Washington, DC 20593-7501

The Boating Safety Circular is for information only. No Federal Statutes or Regulations are established or changed in this circular.

www.uscgboating.org
www.safeafloat.com

Two New Engineers Join the Recreational Boating Product Assurance Branch

The Coast Guard is pleased to announce that Mr. Kevin Ferrie and Mr. Todd Williams have joined the Recreational Boating Product Assurance Branch as General Engineers. They will be responsible for assisting recreational boat manufacturers in understanding Coast Guard regulations and policies and managing cases and campaigns resulting from Coast Guard inspections and testing of recreational boats.
Mr. Kevin Ferrie is a retired Coast Guard Commander with 16 years of experience in the marine safety field, including serving as a senior leader of the USCG Marine Safety Center, where he led the Hull Division and Salvage and Engineering Response Team. In this capacity, he oversaw novel shipboard design, and gained an understanding of regulatory equivalencies to allow shipping technologies to advance within the bounds of current regulations.

Mr. Ferrie is an avid maritime enthusiast who feels most at home on the water. In 2018, he and his family left aboard their 44’ sailboat and traveled from Maine to the Eastern Caribbean for a two-year sabbatical. They travelled over 10,000 NM and visited a dozen countries while immersing their children in maritime traditions.

Mr. Ferrie holds a bachelor’s degree in Marine Environmental Science from the United States Coast Guard Academy, and a master’s degree in Marine Engineering from the University of Michigan.

Mr. Todd Williams is an experienced engineer who started his career in the recreational boating field, having worked for two major boat manufacturers and a recreational boating industry trade association. Most recently he worked for the Naval Surface Warfare Center – Panama City Division where he served as the Principal for Safety (PFS) for major acquisition programs and was the Human Systems Integration (HSI) Deputy Systems Engineering Manager (DSEM) for developing requirements and verifying compliance to Human Factors/Ergonomic specifications for expeditionary operations.

Mr. Williams is also a recreational boating enthusiast, and enjoys spending time on the water whenever he has the opportunity. He holds a bachelor’s degree in Psychology and a master’s degree in Industrial Engineering, both from the University of Tennessee.

Mr. Ferrie is the primary point of contact for recreational boat manufacturers located in the blue states on the map found on the next page and can be reached at Kevin.B.Ferrie@uscg.mil. Mr. Williams is the primary point of contact for manufacturers located in the green states, and can be contacted at Philip.T.Williams@uscg.mil.
Updated Boat Builder’s Handbook is Now Available

The Coast Guard’s Boating Safety Division has recently updated the Boat Builder’s Handbook. Some of the changes include updated addresses and contact information, refreshed graphics, and recent changes to regulations such as the Engine Cut-Off Switch (ECOS) requirement and the addition of EPA regulations to the fuel systems. The updated version of the Boat Builder’s Handbook can be found here: https://safeafloat.com/boat-builders-handbook/
The Coast Guard and ABYC Announce Virtual Forum to Discuss Issues Related to Electric Boats

The U.S. Coast Guard and The American Boat and Yacht Council (ABYC) are launching a new series of one-day events dedicated to mitigating the risk in designing and building recreational boats.

The first event, USCG Risk Mitigation: Series 1—Regulations and Electrification, will be held virtually on Tuesday, November 9, 2021, and will focus on the transition to electric systems in recreational boats, including propulsion and battery power bank alternatives to generators.

“The Coast Guard is excited to host this forum and take advantage of the opportunity to learn from industry stakeholders about safety and regulatory compliance issues related to the transition to electric power for recreational boats,” said Jeff Ludwig, chief of the Recreational Boating Product Assurance Branch of the Coast Guard’s Office of Auxiliary & Boating Safety.

The USCG Risk Mitigation Series is designed to be a regular event with interactive and in-depth discussions related to one general topic on a reoccurring basis.

“This collaboration with the Coast Guard allows us to discuss trends and safety issues in an open and inclusive forum,” stated John Adey, President of ABYC.

“When the Coast Guard approached us about this, we did not hesitate.”

For more information about USCG Risk Mitigation: Series 1—Regulations and Electrification, visit: http://www.abycinc.org/riskmitigation

Frequently Asked Questions for Engine Cut Off Switches, Manufacturers Identification Codes and Navigation Lights

Q I understand the Coast Guard is now requiring the use of Engine Cut-off devices (ECOS) on boats. My boat is 25’ long and was built in 2017 with a main and upper steering station. What do I need to do?

A Beginning January 1, 2020, boats less than 26’ in length are required to have an engine cut-off switch installed at each helm that is not in an enclosed location. As of April 1st, 2021 operators of boats less than 26’ in length are required to the use the ECOS whenever the boat is operating on plane. So, for your situation you have to use an ECOS at any helm if it was installed by the manufacturer or you chose to voluntarily install one, but you are not required to retrofit the boat since the installation requirement only applies to manufacturers and your boat was built before the requirement went into effect.

Q I purchased and had shipped from overseas a boat for my personal use. When I went to register it my State told me I need to contact the USCG and obtain a Manufacturer Identification Code (MIC) to be able to do that, is that true?

A As long as this is a single boat imported by an individual for their own personal use and not for resale, then you should not receive a MIC issued by the USCG. This boat requires a state assigned HIN in the Current Format assigned from the state in which the boat will be principally operated. It’s important
to verify that the owner is using this vessel for personal use and not acting as an importer.

Q My marine surveyor told me that my shark-eye style navigation lights installed in the hull sides of my boat are illegal, is that true?

A No and Yes. The Navigation rules are divided into two categories Inland and International. Navigation Rules are regulations that aid mariners in safe navigation, just as driving laws aid vehicles in safe driving. Charts produced by the National Ocean Service show the COLREGS Demarcation Line, which denotes when mariners should follow the 72 COLREGS (outside the Demarcation lines) or the Inland Navigation Rules (inside the Demarcation Lines). The International Rules were formalized in the Convention on the International Regulations for Preventing Collisions at Sea, 1972, and became effective on July 15, 1977. The United States has ratified this treaty and all United States flag vessels must adhere to these Rules. Following the signing of the Convention on the International Regulations for Preventing Collisions at Sea, 1972, a new effort was made to unify and update the various inland navigation rules. This effort culminated in the enactment of the Inland Navigation Rules Act of 1980.

With respect to your installation, this is where one of the differences between COLREG and Inland rules falls. To comply with COLREG side lights must be installed at a height above the uppermost continuous deck. Whereas for Inland rules the side lights must simply be located at least 1 meter lower than the forward masthead light.

So for international waters your light configuration would not be compliant, but would be acceptable in Inland areas.

Q How do I verify that the owner is using this vessel for personal use and not acting as an importer?

A To verify that the owner is using this vessel for personal use and not acting as an importer, you can check the vessel's documentation and registration. Typically, this involves verifying the owner's name, address, and proof of ownership. Additionally, you can request a personal interview with the owner to discuss their use of the vessel. It's important to keep accurate records of these interactions and any documentation that is provided. Always follow your local and national boating laws and regulations to ensure the safety of you and others while on the water.
Websites of Note:

uscgboating.org — U.S. Coast Guard’s Boating Safety Division
Facebook.com/USCGBoatingSafety — U.S. Coast Guard Boating Safety
rbscompliance@uscg.mil to contact CG-BSX-23
safeafloat.com — Recreational Boating Product Assurance Branch Boat Building Compliance Website
abycinc.org — American Boat and Yacht Council
nmma.org — National Marine Manufacturers Association
nasbla.org — National Association of State Boating Law Administrators (NASBLA)

U.S. Coast Guard Boating Safety is on Facebook; check us out at Facebook.com/USCGBoatingSafety.

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2021

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Year: No model year
Model(s): D3, D4, D6, V6, and V8 engines
Problem: Lanyard Safety Strap Housing

LIPPET
Campaign #: 21MF0212
Year: No model year
Model(s): N/A
Problem: Seat

PARKS MANUFACTURING LLC
Campaign #: 21DL0938
Year: 2010-2023
Model(s): 1900 STL
Problem: Capacity Label

RHINO ROTO MOLDING
Campaign: 21CG0034
Year: 2010-2021
Model(s): Beavertail Final Attack
Problem: Capacity Label

SCOUT BOATS INC
Campaign: 21CG0021
Year: 2017-2021
Model(s): 175 Sport Dorado
Problem: Flotation

TITAN MARINE LLC
Campaign: 21CG0029
Year: 2019-2021
Model(s): 1656MR
Problem: Capacity Label

LEGEND CRAFT BOATS LLC
Campaign: 21CG0027
Year: 2015-2021
Model(s): Ambush 1548
Problem: Flotation

SEA PRO BOATS
Campaign: 21CG0005
Year: 2016-2021
Model(s): 172 Bay
Problem: Flotation

WHITE RIVER MARINE GROUP
Campaign #: 21MF0381
Year: 2020-2021
Model(s): Ranger 622
Problem: Fuel Tank

NOVAK ENTERPRISES
Campaign #: 21CG0013
Year: 2020-2021
Model(s): Dorado 14
Problem: Capacity Label

YAMAHA MOTOR CORP USA
Campaign #: 21MF0344
Year: 2021
Model(s): KPT/KXT 1800
Problem: Electrical and/or Fuel Tank

SKEETER PRODUCTS, INC.
Campaign #: 21MF0279
Year: 2021
Model(s): Various Models
Problem: Steering Tiler Arm

NAUTIC STAR, LLC
Campaign: 21DL0926
Year: 2019-2021
Model(s): 191 Hybrid, 193SC, 215 XTS, 215 XTS SB, 227 XTS, 243 DC, 2102 Legacy, and the 2602 Legacy
Problem: Capacity Label

SEA RAY BOATS
Campaign #: 21MF0200
Year: 2021
Model(s): SDX250
Problem: Electrical
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<td>Fuel System</td>
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<td>Electrical</td>
</tr>
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<td>20SD0026</td>
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<td>Aviara: 2020 AV32, 2020 AV36 (Stern Drive Versions only)</td>
<td>Fuel System</td>
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<td>MasterCraft: Model Year 2019, 2020 and 2021; ProStar, NXT20, NXT22, X22, X24, X26, XT20, XT21, XT22, X-Star; also Model Year 2021 NXT24.</td>
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<td>KAWASAKI MOTORS CORP. USA</td>
<td>20SD0023</td>
<td>2020</td>
<td>JT1500TLF, JT1500SLF, JT1500RLF</td>
<td>Front Hatch Cover</td>
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<tr>
<td>HONDA</td>
<td>20SD0007</td>
<td>No model year</td>
<td>Honda Marine accessory key panel kit</td>
<td>Electrical</td>
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**2020**
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<td>AVIARA BOATS LLC</td>
<td>20SD0024</td>
<td>2020 and 2021</td>
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<td>20SD0027</td>
<td>2020</td>
<td>4.5L, 6.2L, and 8.2L Sterndrive 383 MPI Inboard, and Quicksilver 8.1L Horizon Mercury Racing 520 and 540</td>
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<td>18CCJ/CCJDLX</td>
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<td>35-60 EFI 75-115 SEA</td>
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<td>Wakesetter</td>
<td>Fuel System</td>
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2019

**MERCURY**
Campaign: 190048T  
Year: Not Built by Model Year  
Model(s): Some 4.5 L and 6.2 L  
Problem: Fuel System

**TITAN MARINE LLC**
Campaign #: 19CG171S  
Year: 2018-2020  
Model(s): 450 RDB  
Problem: Capacity Label

**SEA RAY BOATS**
Campaign #: 190053T  
Year: 2018-2020  
Model(s): SLX250 and SLX280  
Problem: Electrical

**VEXUS BOATS**
Campaign #: 190046T  
Year: 2018-2020  
Model(s): VARIOUS  
Problem: Fuel System

**SEA RAY BOATS**
Campaign #: 190051S  
Year: 2020  
Model(s): 310SXO  
Problem: Electrical System

**SEA RAY BOATS**
Campaign #: 190052T  
Year: 2015-2020  
Model(s): SDX290, SDO290  
Problem: Electrical System

**SEA RAY BOATS**
Campaign #: 190053T  
Year: 2018-2020  
Model(s): SLX250, SLX280  
Problem: Electrical System

**HURRICANE BOATS**
Campaign #: 190050S  
Year: 2019-2020  
Model(s): 196, 198 FUNDECK  
Problem: Level Flotation

**LUND BOATS**
Campaign #: 190027T  
Year: 2019  
Model(s): 189 TYEE GL, 189 PRO-V GL  
Problem: Engine Mount

**LUND BOATS**
Campaign #: 190003S  
Year: 2019  
Model(s): SSV-16  
Problem: Level Flotation

**MERCURY MARINE**
Campaign #: 190022T  
Year: Tech Bulletin 2019  
Model(s): V-8 200-300, V-6 175-225, V8 250  
Problem: Engine: Gasoline

**MARLON RECREATIONAL PRODUCTS**
Campaign #: 19CG152S  
Year: 2019  
Model(s): WV14L  
Problem: Level Flotation

**PIRANHA BOATWORKS LLC**
Campaign #: 19CG170S  
Year: 2019  
Model(s): P140T RASO  
Problem: Level Flotation and Safe Loading Max Person Weight

**MERCURY MARINE**
Campaign #: 190037T  
Year: 2016-2019  
Model(s): DESIGN 2 JOYSTICK  
Problem: Dynamic Instability
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<tr>
<td><strong>SEA RAY BOATS</strong></td>
</tr>
<tr>
<td>Campaign #: 190038T</td>
</tr>
<tr>
<td>Year: 2019</td>
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<tr>
<td>Model(s): DA320 DA350 DAC350 DAC320</td>
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<tr>
<td>Problem: Electrical System</td>
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<tr>
<td><strong>SEA RAY BOATS</strong></td>
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<tr>
<td>Campaign #: 190039T</td>
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<tr>
<td>Year: 2019</td>
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<tr>
<td>Model(s): DA320 DA350 DAC350</td>
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<tr>
<td>Problem: Steering</td>
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<tr>
<td><strong>SEA RAY BOATS</strong></td>
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<td>Year: 2019</td>
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<td>Model(s): DA320 DA350 DAC350</td>
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<tr>
<td>Problem: Steering</td>
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<tr>
<td><strong>SEA RAY BOATS</strong></td>
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<tr>
<td>Campaign #: 190043T</td>
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<td>Year: 2019</td>
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<tr>
<td>Model(s): SUPRA 400, 450, 575 and MOOMBA 450</td>
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<tr>
<td>Problem: Electrical</td>
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<tr>
<td><strong>KLAMATH BOAT CO LLC</strong></td>
</tr>
<tr>
<td>Campaign #: 19CG157S</td>
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<tr>
<td>Year: 2019</td>
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<tr>
<td>Model(s): 152 WESTCOASTER</td>
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<tr>
<td>Problem: Level Flotation and Safe Loading Maximum Persons Weight</td>
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<tr>
<td><strong>INDMAR PRODUCTS</strong></td>
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<tr>
<td>Campaign #: 190032T</td>
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<td>Year: 2019</td>
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<tr>
<td>Model(s): SUPRA 400, 450, 575 and MOOMBA 450</td>
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<tr>
<td>Problem: Electrical</td>
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<tr>
<td><strong>CENTURION &amp; SUPREME</strong></td>
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<tr>
<td>Campaign #: 190040T</td>
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<td>Year: 2019</td>
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<tr>
<td>Model(s): ZS232</td>
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<tr>
<td>Problem: Dynamic Instability</td>
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<tr>
<td><strong>BOSTON WHALER INC</strong></td>
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<tr>
<td>Campaign #: 19X047AS</td>
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<tr>
<td>Year: 2019</td>
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<tr>
<td>Model(s): 1900OR</td>
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<tr>
<td>Problem: Safe Loading Maximum Weight</td>
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<tr>
<td><strong>LUND BOATS</strong></td>
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<tr>
<td>Campaign #: 19CG151S</td>
</tr>
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<td>Year: 2019</td>
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<tr>
<td>Model(s): SSV 14</td>
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<td>Problem: Level Flotation</td>
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BOMBARDIER
Campaign # 190034T
Year: 2019
Model(s): SEA-DOO FISH PRO
Problem: Not Specified

TORQUEDO
Campaign: 190042T
Year: 2010-2018
Model(s): TRAVEL AND ULTRALIGHT
Problem: Electrical System

DOMETIC
Campaign: 190035T
Year: No Year for Fuel Hose
Model(s): No Model for Fuel Hose
Problem: Fuel System

DOMETIC
Campaign #: 190041T
Year: 2018
Model(s): OPTIMUS
Problem: Dynamic Instability

BLACK RIVER CANOES
Campaign #: 190054T
Year: 2016-2018
Model(s): LEGACY, XT, LT, X-PLODE
Problem: Hull Cracks

ALUMAWELD BOATS
Campaign #: 19CG155S
Year: 2018
Model(s): 16 SPORT SKIFF
Problem: Level Flotation

SEA RAY BOATS
Campaign #: 190024S
Year: 2018
Model(s): SLX400
Problem: Electrical System

2018

LUND BOATS
Campaign #: 180005T
Year: 2019
Model(s): 189 TYEE, 189 PRO-V
Problem: Engine Mount

DOUGLAS MARINE CORP
Campaign #: 18R6022S
Year: 2019
Model(s): '380' INBOARD
Problem: Full System and Hull ID Number

TEAM WARD INC
Campaign #: 18CG143S
Year: 2019
Model(s): 1542
Problem: Level Flotation and Basic Flotation

CAROLINA SKIFF LLC
Campaign #: 18CG123S
Year: 2018
Model(s): 16 JVX CC
Problem: Hull ID Number and Label: Certification

SANTEE BOATS LLC
Campaign #: 18CG122S
Year: 2018
Model(s): 160 CC
Problem: Label: Certification and Navigation Lights

MARLON RECREATIONAL PRODUCTS
Campaign #: 18CG126S
Year: 2018
Model(s): SP 14 JON
Problem: Label: Certification and Hull ID Number

DRAGONFLY BOATWORKS LLC
Campaign #: 18CG141S
Year: 2018
Model(s): MARSH HEN
Problem: Basic Flotation and Safe Loading
            Maximum Persons Weight
### HEY DAY
Campaign #: 180009S  
Year: 2018  
Model(s): WT-SURF  
Problem: Electrical System and Fuel System

### LEISURE PROPERTIES (DBA) CROWN1
Campaign #: 180003S  
Year: 2018  
Model(s): E30  
Problem: Label: Certification

### MARQUIS-LARSON
Campaign #: 180013S  
Year: 2018  
Model(s): LARSON LXH AND LX  
Problem: Ventilation

### TRACKER
Campaign #: 180016S  
Year: 2018  
Model(s): DEEP V GRIZZLY HELM  
Problem: Loose Hydraulic Steering Hose

### ULTRA BoATS
Campaign #: 18R5916S  
Year: 2018  
Model(s): 28 SHADOW DECK INBOARD  
Problem: Electrical System and Fuel System

### HARBOR COTTAGE LLC
Campaign #: 18R5970S  
Year: 2018  
Model(s): 84x16 HOUSEBOAT  
Problem: Electrical System and Label: Certification

### COBALT BOATS LLC
Campaign #: 180010S  
Year: 2017-2018  
Model(s): UNIDENTIFIED  
Problem: Undersized Bolts to Hold Down Seat to Deck

### LUND BOAT COMPANY
Campaign #: 180004S  
Year: 2016-2018  
Model(s): 2075, 2175 PRO-V  
Problem: Electrical System

### LUND BOAT COMPANY
Campaign #: 180005T  
Year: 2017-2018  
Model(s): 189 TYEE GEL, 189 PRO-V GL  
Problem: Engine Interface

### MERCURY MERCruiser
Campaign #: 180019T  
Year: 2018  
Model(s): STERNDRIvE  
Problem: Steering Pump

### THUNDER JET BOATS
Campaign #: 180023T  
Year: 2018  
Model(s): T186RS, SARS18  
Problem: Steering Interface

### WELD CRAFT MFG INC
Campaign #: 18CG134S  
Year: 2018  
Model(s): 1242 RS  
Problem: Safe Loading Maximum Weight and Safe Loading Maximum Persons Weight

### WHITE RIVER MARINE GROUP LLC
Campaign #: 180011S  
Year: 2017-2018  
Model(s): PT195  
Problem: Hydraulic hose fittings may not be secured at steering cylinder

### HQ SERVICES
Campaign #: 180005S  
Year: 2017  
Model(s): KOKUSAN VOLTAGE  
Problem: Electrical
2017

**TRACKER**
Campaign # 170012T
Year: 2017-2018
Model(s): SBB18, RP200C
Problem: Electrical System

**LEXINGTON MARINE GROUP**
Campaign # 170015T
Year: 2016-2018
Model(s): All model pontoons with HINs between P0047 to P0364
Problem: Bimine Top Failure

**YAMAHA MOTOR CORP USA**
Campaign # 170003T
Year: 2017
Model(s): F90
Problem: Engine; Gasoline

**RIVERPOINT BOAT WORKS INC**
Campaign # 17CG116S
Year: 2017
Model(s): 144 CC
Problem: Level Flotation and Hull ID Number

**PLEASURECRAFT ENGINE GROUP**
Campaign # 170010T
Year: 2015-2017
Model(s): 6.0LM 6.0L HO
Problem: Electrical System

**ALWELD COMMERCIAL BOATS INC**
Campaign # 17CG095S
Year: 2017
Model(s): 1648 DSLW
Problem: Flotation and Stability

**GLASSTREAM INC**
Campaign # 17CG120S
Year: 2017
Model(s): 180 CC
Problem: Hull ID Number

**COBALT BOATS LLC (DBS)**
Campaign # 170013T
Year: 2017
Model(s): CSI BOWRIDER
Problem: Electrical System

**MERCURY MARINE**
Campaign # 170008T
Year: 2017
Model(s): VERADO 200/300 AND HI-PERF 400R
Problem: Engine: Gasoline

**NAUTIC STAR LLC**
Campaign # 17CG090S
Year: 2017
Model(s): 1810 BAY CC
Problem: Level Flotation

**KAWASAKI MOTORS INC**
Campaign # 170006S
Year: 2003-2017
Model(s): JT1200, JT1500
Problem: Fuel System

**THUNDER JET BOATS**
Campaign # 170002S
Year: 2014-2017
Model(s): V 186 ECO
Problem: Level Flotation

**XTREME BOATS**
Campaign # 17CG097S
Year: 2017
Model(s): BRUTE 1654 SC
Problem: Level Flotation and Navigation Lights
<table>
<thead>
<tr>
<th>Company</th>
<th>Campaign #</th>
<th>Year</th>
<th>Model(s)</th>
<th>Problem</th>
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</thead>
<tbody>
<tr>
<td><strong>AMERICAN HONDA MOTOR CO</strong></td>
<td>170016T</td>
<td>2016-2017</td>
<td>BF 115 to BF 250</td>
<td>Fuel System</td>
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<tr>
<td><strong>TITAN MARINE LLC</strong></td>
<td>16CG078S</td>
<td>2017</td>
<td>HAVOC 1556 DBST</td>
<td>Maximum Wight and Level Flotation</td>
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<td><strong>AGRI-PLASTICS MFG</strong></td>
<td>16CG075S</td>
<td>2017</td>
<td>TETRA-POD</td>
<td>Level Flotation and Label: Capacity</td>
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<tr>
<td><strong>MAY-CRAFT FIBERGL PRODUCTS INC</strong></td>
<td>16CG081S</td>
<td>2017</td>
<td>MAY-CRAFT 17</td>
<td>Port and Starboard Stability</td>
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<tr>
<td><strong>BOSTON WHALER</strong></td>
<td>160011S</td>
<td>2012-2017</td>
<td>315 CQ/315PH</td>
<td>Electrical System</td>
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<tr>
<td><strong>YAMAHA MOTOR CORP USA</strong></td>
<td>160013S</td>
<td>2017</td>
<td>XBT1800A/B/C</td>
<td>Electrical System</td>
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</table>