

FIRE & EMERGENCY **APPARATUS**

Apparatus Showcase 2016

Manufacturers display the latest and greatest in fire-rescue and EMS apparatus

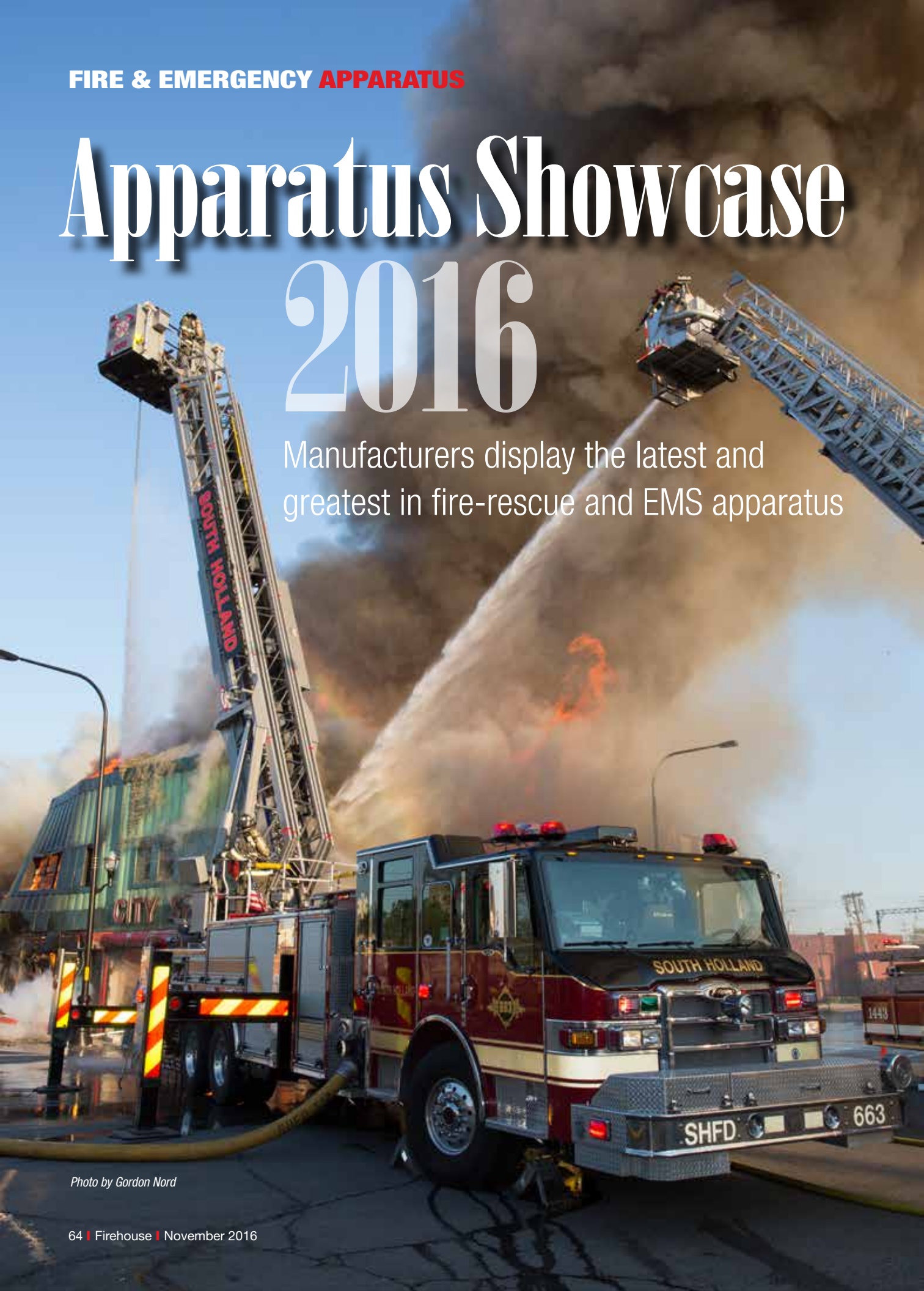


Photo by Gordon Nord

Alexis Fire Equipment, Inc. ▶

The Newark, IL, Fire Protection District has purchased a custom pumper built by Alexis Fire Equipment on a Spartan Metro Star cab and chassis. It's powered by a Cummins ISL9 450-hp engine and an Allison 3000EVS transmission. It has a Darley PSM 1,500-gpm pump, a ProPoly 1,000-gallon tank with a 20-gallon foam cell and R.O.M. roll-up doors and Whelen LED warning lights. *Photo by Joel Gebet*
alexisfire.com



Boise Mobile Equipment ▲

Boise Mobile Equipment constructed a mission-specific Type III wildland apparatus for all-terrain use by the Los Angeles County Fire Department. Specifications include 4 x 4 capability, a crew cab, a 600-gallon water tank, a 500-gpm pump and pump-and-roll capability—all to fit into a 22-foot-long apparatus bay. The result was a 166-inch wheelbase, 22-foot-long Navistar, equipped with EZ Trac Hydrostatic front drive, 500-gpm Darley pump and 600-gallon tank. The Catalina Type III is an ultra-compact, highly maneuverable emergency vehicle that meets high-performance needs, while sitting low to the ground and providing superior ground clearance. It is like putting a Ferrari into a Mini Copper's shell.
bmfire.com

E.J. Metals, Inc. ▶

Falls Township, PA, Fire Co. has placed into service a new TAC 30 unit, built by E.J. Metals. It is built using a 2016 Ford F-550 4 x 4 chassis with seating for four. The unit features a Darley ultra-high-pressure pump, a 300-gallon polypropylene water tank and a 30-gallon foam tank. There is a 100-foot booster reel, 150-foot high-pressure foam line, a TFT remote-controlled bumper turret and a 9,000-pound Warn pinnacle winch. *Photo by Ron Jeffers*
ejmetals.com

BullEx

The Wood County, WI, Fire Chiefs Association recently took delivery of a 27-foot BullEx Fire Safety Trailer. It has an industrial grade, all steel-frame that features kitchen and bedroom emergency scenarios as well as an industrial briefing room. The kitchen features an interactive oven, Smart-Stove and TrashCan SmartProps, all of which incorporate heat, smoke and digital flames for a realistic training environment. The bedroom offers a heated and smoking door, a smoking electrical outlet, and an E.D.I.T.H. window. The industrial briefing room is equipped with a one-of-a-kind AC prop with a circuit breaker panel. The Fire Safety Trailer also features BullEx's Extreme Weather Package, which simulates hurricane, tornado, flood and earthquake scenarios using sound, flashing lights and a NOAA radio that allows trainees to practice emergency weather response.
bullex.com



E-ONE ▲

Ocala, FL, Fire Rescue has taken delivery of an E-ONE HPS 100 aerial platform. It is equipped with a 100-foot steel ladder with a 2.5-to-1 structural safety factor, a Cummins ISX12 500-hp engine with Jacobs compression brakes and an Allison EVS4000P transmission. It also has a crisscross under-slung outriggers with a 15'6" jack spread, Hale QMAX 2,000-gpm pump, 300-gallon UPF Poly III water tank, and center-mounted tunnel with 168 feet of ground ladders. *Photo by Larry Shapiro*
e-one.com



Ferrara Fire Apparatus ▲

Dare to make a statement is exactly what Chief Antonio Lopez and the Weslaco, TX, Fire Department did when they ordered a beautiful Ferrara Cinder custom pumper. Complete with new graphics and paint scheme, the truck is built on a Ferrara Cinder custom chassis powered by a Cummins ISL9 450-hp engine and an Allison 3000EVS transmission. It has a 96-inch extreme-duty cab with 8-inch raised roof and seating for five crew members. An extruded aluminum body houses a Waterous CSU 2,000-gpm pump with top-mount controls, FoamPro 1600, a 1,000-gallon water tank, a 10-gallon foam cell and plenty of equipment storage.
ferrarafire.com

FIRE & EMERGENCY APPARATUS

Firovac ▶

This is the third Firovac for New Pittsburg, OH, Fire and Rescue, replacing the first Firovac built in 1985. This unit is on a Kenworth T300 and has a 2,200-gallon polished aluminum tank with vacuum system. It has a 500-gpm Darley pump, three air-operated water valves, additional hose storage and a power down drop tank bracket with two drop tanks.

firovac.com



KME

Pleasure Ridge Park Fire Protection District, KY, has taken delivery of two KME rescue pumpers. Built on a KME Severe Service XLFD chassis, they include 16-inch raised roofs, powered by a Cummins ISX 12 500-hp engine and an Allison 4000EVS transmission. They have Waterous CSU 1,500-gpm pumps, Waterous Advantus 3-foam system, and 500-gallon polypropylene tanks with 50-gallon foam tanks. The apparatus have 27-inch front bumper extensions that include dual hydraulic reels and pre-connected rescue tools with a full-width bumper covers. The KME



FLEX body is constructed of 3/16-inch aluminum, featuring full depth and full height compartments, roof compartments and Lock-N-Load hosebed cover.

fire.kovatch.com



Hackney Emergency Vehicles ▲

St. Johns Fire Rescue, in St. Augustine, FL, has taken delivery of a hazmat unit built by Hackney Emergency Vehicles. It's pulled by a Freightliner M2-112 cab and chassis, powered by a Cummins 370-hp engine and an Allison Transmission. It has a 25,000-watt generator.

hackneyev.com

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◀ Ladder Tower Company

Timber Mesa Fire & Medical District in Showlow, AZ, has taken delivery of a 75-foot, rear-mount ladder built by Ladder Tower Co. It's built on a Sirius EMFD custom cab and chassis powered by a 500-hp Cummins ISX 12 engine. It has a 1,500-gpm pump and a 500-gallon tank along with a 1,500-gpm waterway with a semi-retractable tip.

towerladder.com

Marion Body Works

The Bennington, VT, Fire Department has taken delivery of a custom pumper from Marion Body Works. It is built on a Spartan custom cab and chassis, and powered by a Cummins 450-hp engine and an Allison transmission. To fight fire, it has a Hale 1,750-gpm pump, a 1,000-gallon tank with a 30-gallon foam cell, and a FoamLogix 2.1 foam system. It also has a 10,000-watt Harrison generator, Fire Research Corp. lights and Hannay cord reels. ▼

marionbody.com



Midwest Fire ▲

Upper Augusta Volunteer Fire Company in Sunbury, PA, has taken delivery of a Midwest Fire side control tanker-pumper built on a Western Star 4700 PRL-14T chassis with a Cummins ISL 450-hp engine and an Allison 3000EVS transmission. It has a 3,000-gallon APR polypropylene tank, Darley LSP 1,000-gpm PTO pump and three stainless-steel electric Newton 10-inch dump vales with 18-inch telescoping chutes. It also has a Zico electric portable tank carrier and Whelen warning lights.

midwestfire.com





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Oshkosh Airport Products

This Oshkosh Striker 4 x 4 vehicle is now on duty at the Baton Rouge Metropolitan Airport in Baton Rouge, LA. The vehicle features a Deutz 670-hp engine and accelerates from



0 to 50 mph in 25 seconds. The apparatus also features TAK-4 all-wheel independent suspension and seating for five firefighters. The firefighting system includes a 1,500-gallon (6,000 liter) water tank, a 210-gallon (840 liter) foam tank, a 550-pound (250 kg) dry chemical system, a structural firefighting panel, and the Snozzle high-reach extendable turret.
oshkoshairport.com

Pierce ▶

A Pierce Ascendant 107-foot heavy-duty aerial ladder quint is now in service with the Mineral Wells, WV, Volunteer Fire Department. The aerial delivers a full 107-foot vertical reach and a 100-foot horizontal reach with a below grade operation of -10 degrees. Its 100-foot horizontal reach is an astounding 32 feet greater than a typical single rear-axle aerial. The vehicle also features a Cummins ISL 450-hp engine, TAK-4 independent front suspension, and Command Zone advanced electronics. The firefighting system includes a 2,000-gpm, single-stage pump and a 500-gallon water tank.
piercemfg.com



Rosenbauer ▶

The Chino Valley, CA, Independent Fire District recently received its new Rosenbauer 100-foot Viper TDA. The unit is built on a Rosenbauer Commander R608 chassis with a Rosenbauer EXT heavy-duty extruded aluminum body. Other features include a 500-gpm PTO pump, 300-gallon water tank, a foam system with a 15-gallon foam cell, Rosenbauer Green Star 8,000-watt generator, 1,250-gpm aerial monitor, LED warning and scene lighting and Rosenbauer SMART aerial controls.
RosenbauerAmerica.com



Seagrave Fire Apparatus ▶

Falls Township Fire Company No. 1 in Fallsington, PA, added a Seagrave 95-foot Aerialscope non-quint platform to its fleet. The Aerialscope features a Marauder II 141-inch stainless-steel full-tilt cab and chassis. Some of the main features includes a 500-hp Cummins ISX engine, an Allison 4000EVS transmission, an Intalex Plus electrical system, a Harrison 10,000-watt hydraulic generator, a stainless-steel Aerialscope body, Code 3 lighting and an Akron monitor. The sales representative is Emergency Equipment Sales, LLC, located in Trenton, NJ.
seagrave.com



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Smeal Fire Apparatus ▶

The Detroit Fire Department recently took delivery of 16 new 1,500-gpm Smeal pumpers feature a 500-gallon water capacity, midship pump panel and front suction. The fire body and Smeal's GS-36 body sub-frame are both constructed of stainless steel. A classic rear beavertail design, roll-up compartment doors and a low hosebed height round out the design. Each pumper is built on a Spartan Metro Star cab and chassis with a 400-hp engine. The chassis feature the industry's most progressive Advanced Protection System (APS). Ten are in service, and six more will be delivered soon.

smeal.com



Summit Fire Apparatus ▲

Anderson Township, OH, Fire Department worked with Summit Fire Apparatus to design its new pumper rescue. It has a stainless-steel body, midship pump and stainless-pump panel with a completely enclosed pumphouse. It also has a 500-gallon tank and 50-gallon foam cell, extreme-duty front bumper extension with speed lays, a 68-gallon fuel tank and many other custom features.

summitfireapparatus.com

SVI Trucks

Home to more than 880,000 residents and 4 million annual visitors, the Honolulu Fire Department protects the city with a force of more than 1,100 firefighters. Adding to its fleet, the department recently took delivery of twin SVI hazmat units. The identical trucks feature 20-foot aluminum bodies mounted on Spartan Gladiator ELFD chassis with a 20-inch raised roof, and are powered by the Cummins ISX15 550-hp engine. The

▼ rear walk-up stairs lead to the five rooftop storage compartments and access to the Onan diesel generator.

These trucks are equipped with OnScene Solutions LED compartment lighting, Slide Master cargo slides, R.O.M. roll-up doors, Weldon Vista IV Touchscreen displays and a Whelen LED lighting package.

svitrucks.com



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Unruh Fire

The East Wayne Volunteer Fire Department in Dalton, OH, has taken delivery of an Unruh Fire brush truck. It is built on a Ford F-450 Super Cab 4 x 4 chassis with a V8 diesel engine. The all-aluminum 9-foot flatbed body is coated with Line-X. To fight fire, it has a Darley 1½ AGE pump with a Briggs & Stratton 23-hp motor, Darley ATP Foam Flurry, Akron Forestry front bumper monitor, front bumper ditch sweeps and an Akron booster reel with Boostlite hose. It also has a Custom Composites 300-gallon tank with a 12-gallon foam cell, Whelen warning lights and FRC scene lights. ▼

unruhfire.com



U.S. Tanker

Addieville, IL, Community Fire Protection District has put into service a 3,000-gallon Patriot elliptical tanker built by U.S. Tanker. It's built on an International 7400 cab and chassis, and has a Hale 1,000-gpm MBP PTO pump, 10-inch rear Newton dump valve, two Firemen's Friend tank fills, two crosslays for 200 feet of 1¾-inch hose, Zico tank rack and a stainless-steel tank wrap.

ustanker.co

Toyne ▲

Bonneville County Fire District 1, which helps protect residents of Idaho Falls, ID, took delivery of a Toyne pumper. To fight fires, the bolted, painted, stainless-steel pumper is equipped with a Waterous CSUC20 1,250-gpm pump, a UPF 1,000-gallon tank, and a Hale 2.1 Class A foam system. Built on an International 4400 four-door cab and chassis, the apparatus features an IHC Maxforce 9 330-hp engine and an Allison 3000EVS transmission. Fire Research Corp. telescoping lights increase scene visibility.

toyne.com





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◀ W.S. Darley & Co.

Limestone, OK, Fire Protection District has placed in service a Darley Vision CAFS Rescue. The chassis is a four-door International all-wheel drive model 7400 SFA. Firefighting capability is achieved using the Darley model HMBC 500-gpm PTO-driven pump with 200-CFM AutoCAFS. It also has a FoamPro 2001 and a 300-gallon tank with 25-gallon foam cell. Both tanks are integrated into the design of the copolymer body with 13 compartments. It also has four compartments on each side, R.O.M. roll-up doors and four large coffin compartments accessed by a stairway up the back of the vehicle. It also has hitch receivers and plumbed hydraulic reels.

darley.com

MARINE APPARATUS

Lake Assault Boats

Lake Assault Boats, a leading manufacturer of purpose-built and mission-specific fire and rescue boats, has placed into service a 28-foot fireboat with Conroe, TX, Fire Department. The Lake Assault modified V-hull design features a landing craft style configuration with a hydraulically operated bow door that enables faster and more efficient rescue operations. The boat is equipped with a T-top-style cabin (with a lockable roll-up back wall for added security), twin 250-hp Honda engines, an Optimus 360 joystick control system, a 500-gpm pump, Garmin radar and sonar with SideVu and DownVu, and a forward-looking infrared (FLIR) system.

lakeassault.com



ONE Boat

A complete water rescue package has been delivered to Holly Spring, SC, Fire & Rescue by ONE Boat. It's complete custom package includes a 2000 Series Double Stack Trailer. The bottom boat is a 1660CB that is a 16-foot all-welded aluminum hull with a lightbar mount, dive/rescue platform, command console, portable fire pump and a Mercury 50-hp 4-stroke EFI motor with prop-guard. It also has LED spreader lights, LED flushmount Lights, LED

rope lights, LED low-profile minibar on the lightbar. The top boat is an R1-430-RS inflatable boat that is 14'2" and is powered by a Mercury 25-hp tiller steering motor with prop-guard.

theoneboat.com



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