

# 46/48 *FireStorm*

FAST RESPONSE • MEDIVAC • EMERGENCY RESPONSE • AMBULANCE • RESCUE • FIRE

## COMMAND AND RESPONSE PLATFORM

The FireStorm 46/48 combines high speed response capabilities with command and control competencies. It is a scaled down version of the FireStorm 50 that maintains its control function and incorporates the FireStorm 40's pumping arrangement that enables it to maintain manoeuvrability using both water-jets at its maximum pumping capacity. The cabin, cuddy and full head enable the crew to stay on station for extended periods. Equipped with an onboard generator, heating, ventilation and air conditioning, the vessel is a comfortable mobile command platform. The cabin includes a primary patient care berth with 2 secondary care berths in the cuddy. As with all FireStorm's the electronics packages are created in collaboration with the customer to ensure the best navigation, communication and control systems are selected to meet mission requirements. When fitted with two 1750 GPM rated firefighting pumps the FireStorm 46/48 can produce flow meter results of 4,000 GPM at 150 PSI and 4,800 GPM at 60 PSI. A remote operated monitor mounted on the roof provides the primary firefighting capability from a dedicated console within the cabin and a secondary monitor is mounted on the bow. Two 2.5" discharges and a 5" Storz outlet are fitted on the aft deck. Twin diesel inboard engines matched to water-jet propulsion units can propel the boat to speeds of 38 knots and allow the boat to perform emergency stops and change direction within two boat lengths. The FireStorm 46/48 provides the flexibility to exceed the requirements of any command and response role.

L.O.A.	48'
B.O.A.	14'11"
Draft	25"
Pump	2x 1750 GPM
Discharges	2 monitors; 2 discharges; 1 LDH
Engine	Twin diesel
Propulsion	Water-jet
Generator	Single diesel



**MetalCraft Marine**

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### FIRE FIGHTING SYSTEMS

- Twin fire pumps producing 3750 GPM
- Roof mounted, remote operated 2000 GPM monitor
- Bow mounted manual 2000 GPM monitor
- LDH 5" Storz connection for supply to land units
- All fire controls and gauges at dedicated console

### EMS SUPPORT

- Heated and Air Conditioned patient care area with primary patient care berth and two secondary care berths
- Dedicated EMS equipment storage with AC outlets for battery chargers
- SCBA storage panel

### ELECTRICAL SYSTEM

- Shore power 2x30 amp
- DC (12V) breakers - 16
- AC (110V) breakers - 8
- DC outlets - 3
- AC outlets - 3
- 7.5/9 kW genset

### ELECTRONICS

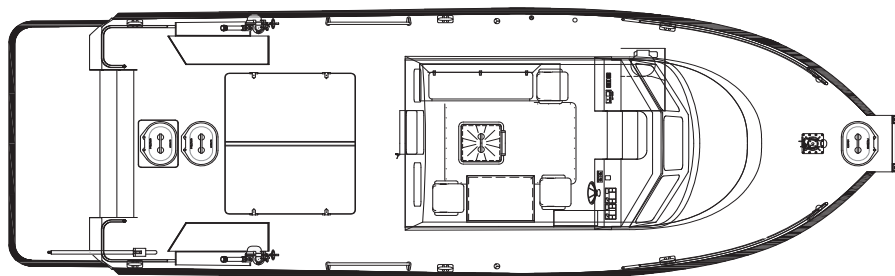
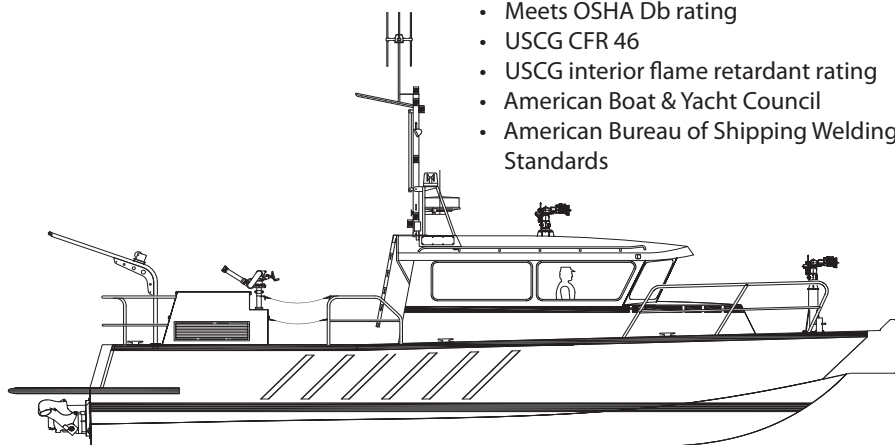
- 2 VHF, Radar integrated w/GPS
- GPS, chart plotter w/depth sounder
- Compass
- Loud hailer/fog horn
- Siren
- Emergency lights
- Many available options - FLIR etc.

### STANDARDS

- Meets NFPA Type 5
- Meets OSHA Db rating
- USCG CFR 46
- USCG interior flame retardant rating
- American Boat & Yacht Council
- American Bureau of Shipping Welding Standards

### OTHER FEATURES

- Chart table
- COMM station
- 3x suspension crew seats
- Non skid 24" side decks
- Safety railings with harness brackets
- Anchor locker
- Dive platform rated for 2500 lbs.
- Watertight emergency access hatches
- 5 watertight compartments
- Rubber sound matting
- 5" D' rubber tendering
- Fully finished interior
- Head w/overboard pump out
- High security engine hatch locks
- High security battery switches & start sequence
- Flat or tread plate aluminum decking
- 5 gallon & 50 gallon foam storage
- Tinted side windows, clear windshields
- Raked forward windshields to reduce glare and improve water clearing
- 2 speed wipers w/washers
- 40,000 BTU cabin heater w/defrost
- Hinged mast w/double height radar arch
- Watertight, integral to roof, electrical boxes w/terminal strip
- Floatable dive/roof ladder
- Push knee
- Ice clearing roof design
- Access to all piping and valves
- All piping concealed



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