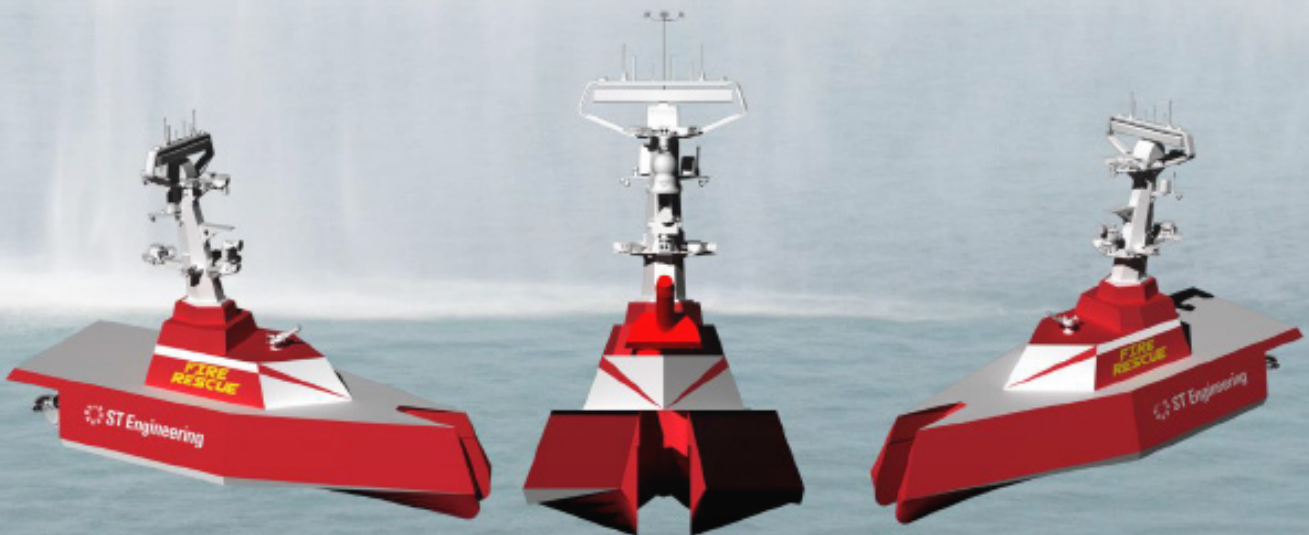


# SWIFT 7 UNMANNED SURFACE VESSEL (USV)



## SWIFT 7

### UNMANNED SURFACE VESSEL (USV)

The 7m Unmanned Surface Vessel is using a catamaran hull design with excellent sea keeping & high-speed manoeuvrability. While the USV can be configured to operate with any mothership, the current version is a firefighting USV to work in tandem with heavy fire fighting vessel to give an extended arm for search and firefighting duties.

There are also sensemaking capabilities such as Predictive Diagnostics (PD), Condition-Based Maintenance (CBM) and Decision Support System.



#### KEY FEATURES

COLREGS BASED  
AUTONOMOUS  
MANEUVERING

COLLISION  
DETECTION &  
COLLISION  
AVOIDANCE

AUTONOMOUS  
WAYPOINT  
NAVIGATION

INTEGRATED  
OPERATOR  
CONTROL STATION

NERVA SHIP  
MANAGEMENT &  
SENSEMAKING  
SYSTEM (SMS 2)

CHEMICAL,  
BIOLOGICAL &  
RADIOLOGICAL  
(CBR) DETECTION &  
IDENTIFICATION

REMOTELY  
CONTROL  
LED FIRE  
MONITOR

#### APPLICATIONS

COASTAL FIRE FIGHTING IN SHALLOW WATERS AND CONFINED WATER SPACE (RIVERS/CANALS)

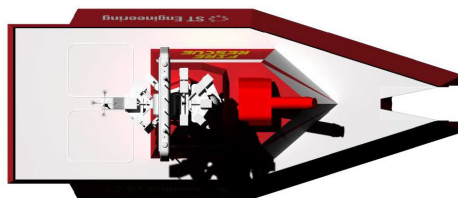
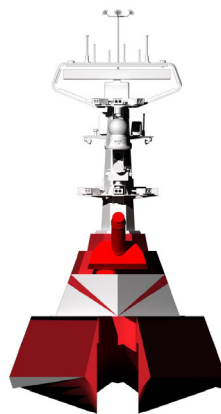
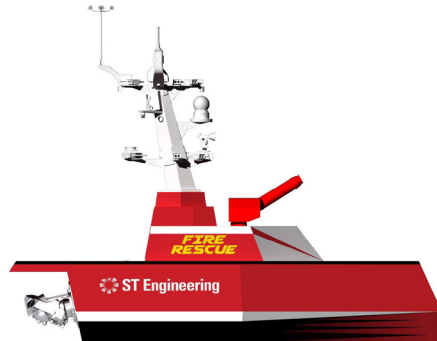
HAZARDOUS GAS DETECTION AND IDENTIFICATION

SURVEILLANCE AND MONITORING

SEARCH AND RESCUE

## SWIFT 7

### UNMANNED SURFACE VESSEL (USV)



#### SPECIFICATIONS

<b>LENGTH</b>	<b>9.3M</b>
<b>BREADTH</b>	<b>5.3M</b>
<b>DRAFT</b>	<b>0.5M</b>
<b>SPEED</b>	<b>UP TO 25 KNOTS</b>
<b>RANGE</b>	<b>UP TO 100 NM</b>
<b>DISPLACEMENT</b>	<b>4.3T</b>
<b>PUMP CAPACITY</b>	<b>700 L/MIN @ 8 BAR</b>
<b>NOZZLE THROW</b>	<b>30 M</b>
<b>MODE OF CONTROL</b>	<b>REMOTE OR AUTONOMOUS</b>
<b>COMMUNICATIONS</b>	<b>DATALINK ANTENNA</b>