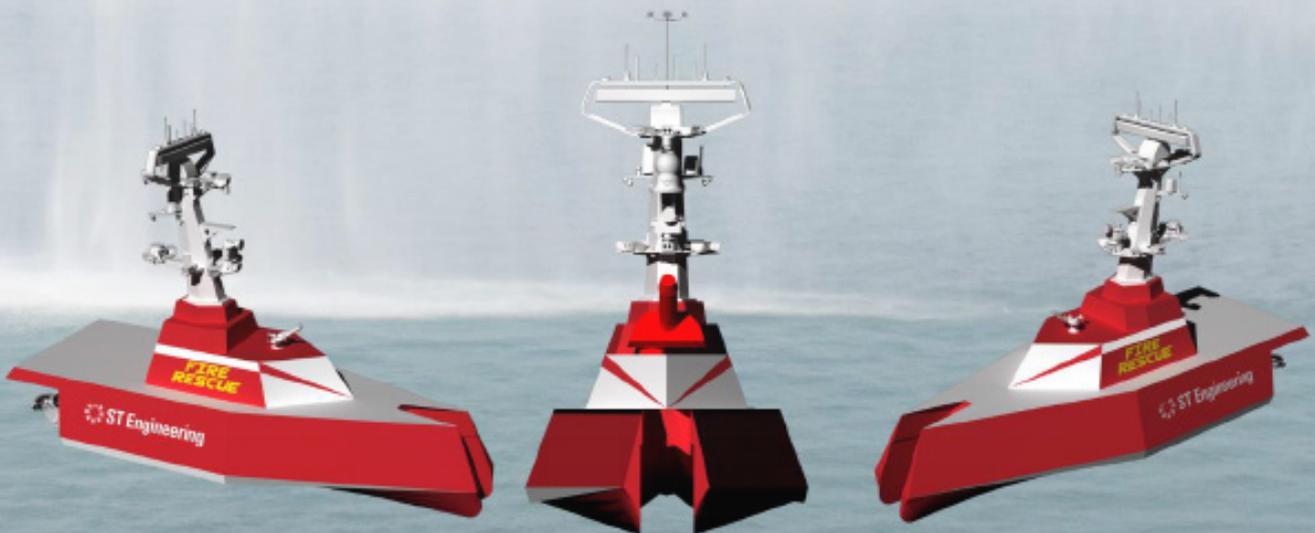


SWIFT 7 UNMANNED SURFACE VESSEL (USV)



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)

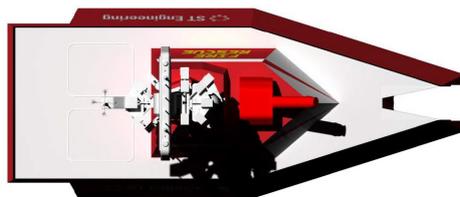
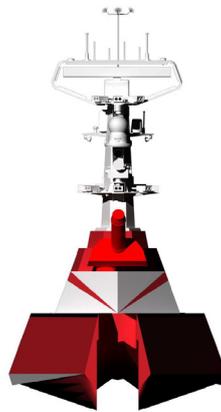
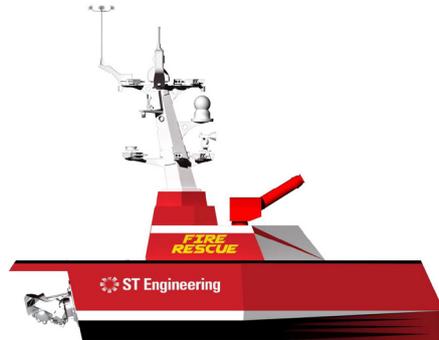
HAZARDOUS GAS DETECTION AND IDENTIFICATION

SURVEILLANCE AND MONITORING

SEARCH AND RESCUE

SWIFT 7

UNMANNED SURFACE VESSEL (USV)



SPECIFICATIONS

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