

## Research platform



Scale maritime simulators



Research vessels

## Human-centered intelligent ship bridge system

Muti-sensor  
monitoring &  
fusion

Behavioral  
analysis &  
modeling

Online  
surveillance &  
support

Synthesis research of HITL  
navigational operations for MASS

## Onboard expertise data-port interface

Onboard expertise data  
generation  
(ship motion, inertia sensor,  
machinery, traffic info, etc)

Data processing  
(regression,  
classification,  
clustering, etc)

Performance  
optimization