



Navantia

**USER-CENTERED S-80 DESIGN
KEEPING THE NAVY ALWAYS INVOLVED**

21st May 2024



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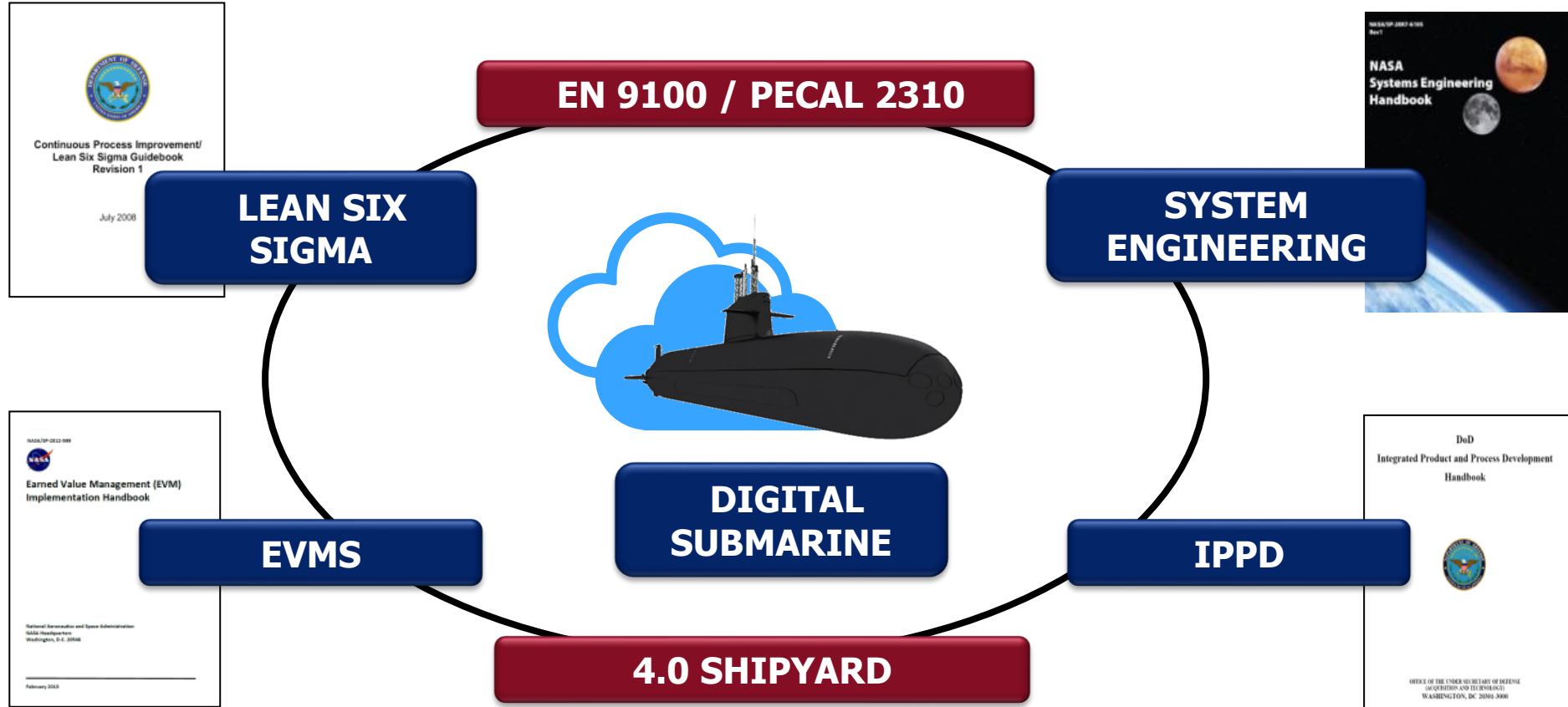
**“EVERYBODY HAS A
PLAN UNTIL THEY
GET PUNCHED
IN THE FACE”**





ACTION PLAN

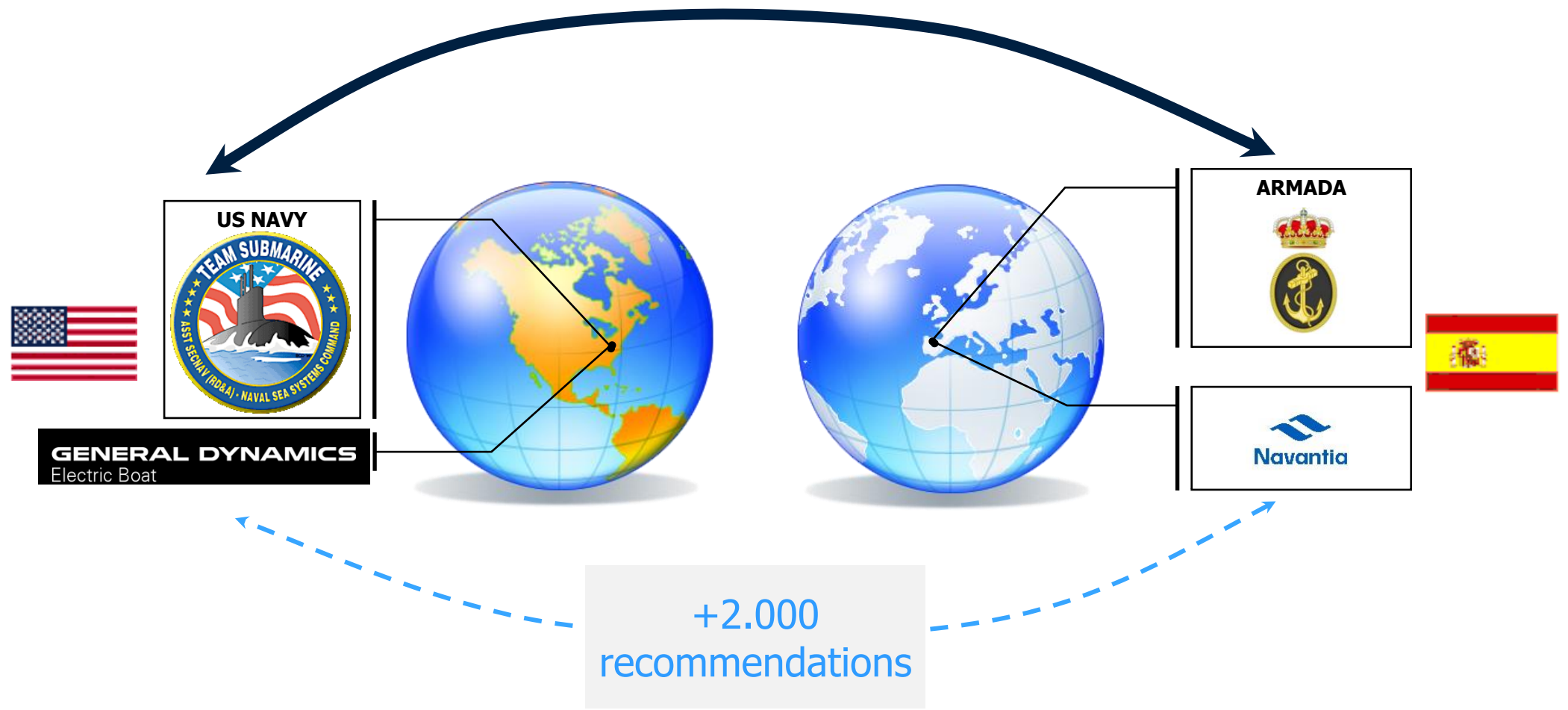
TRANSFORMATION PLAN BASED ON **SIX AXES:** **INTEGRATED PRODUCT AND PROCESS MANAGEMENT SYSTEM**



S-80 SECOND ROUND



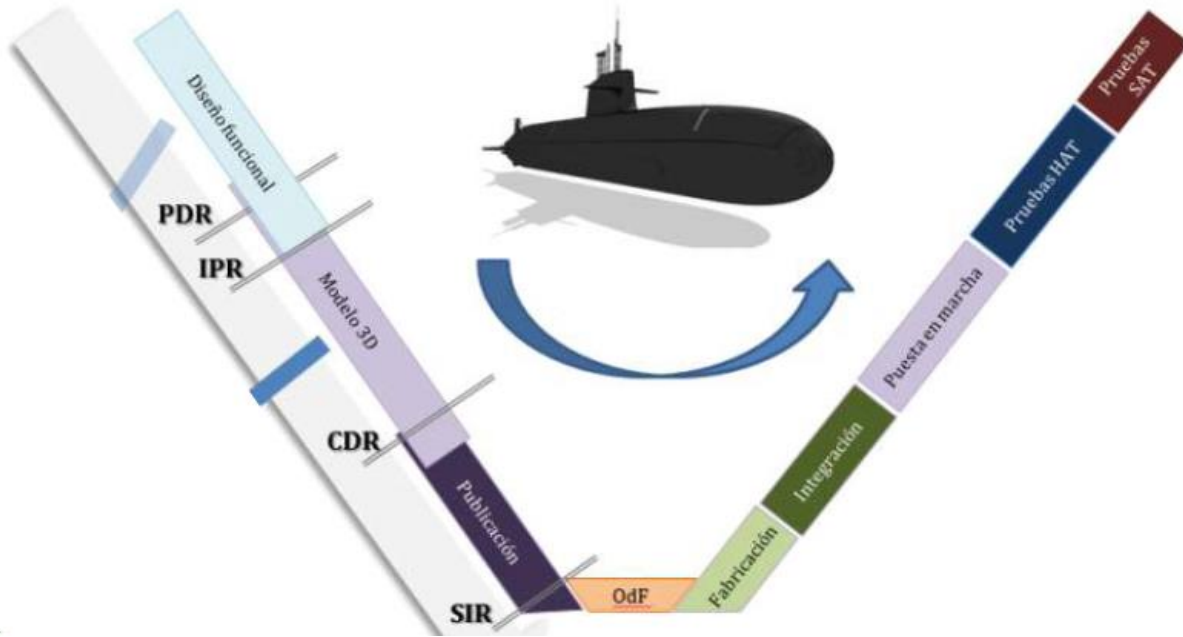
ACTION PLAN



S-80 SECOND ROUND



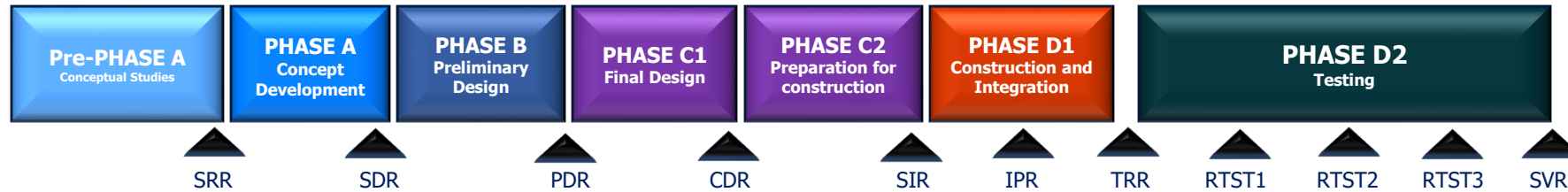
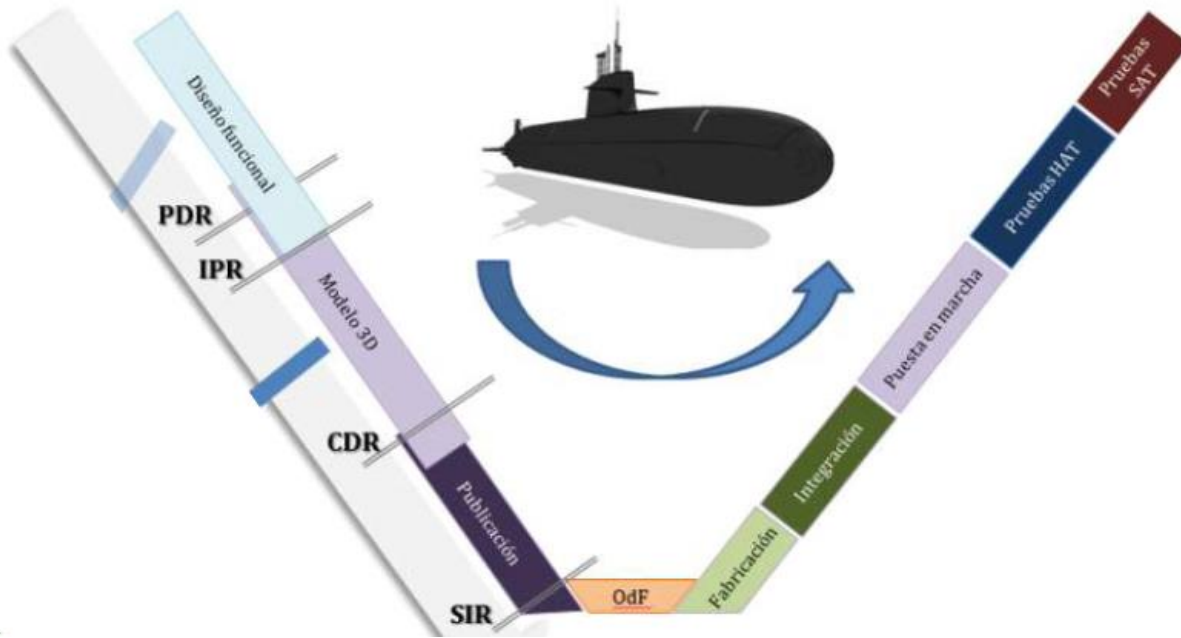
ACTION PLAN



S-80 SECOND ROUND



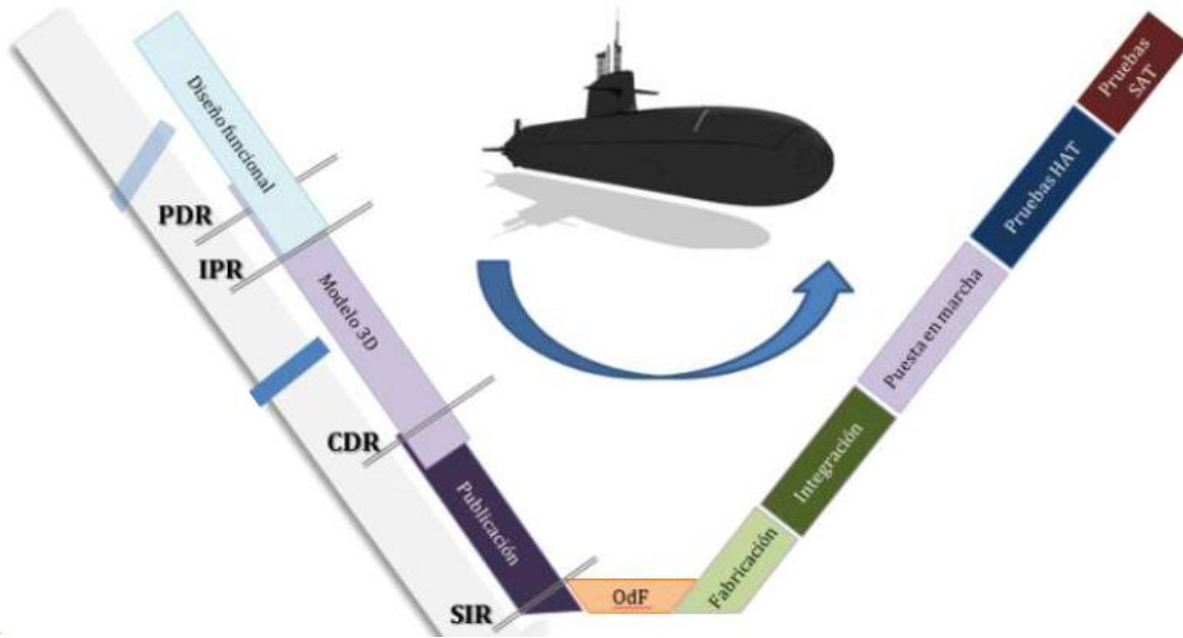
ACTION PLAN



S-80 SECOND ROUND



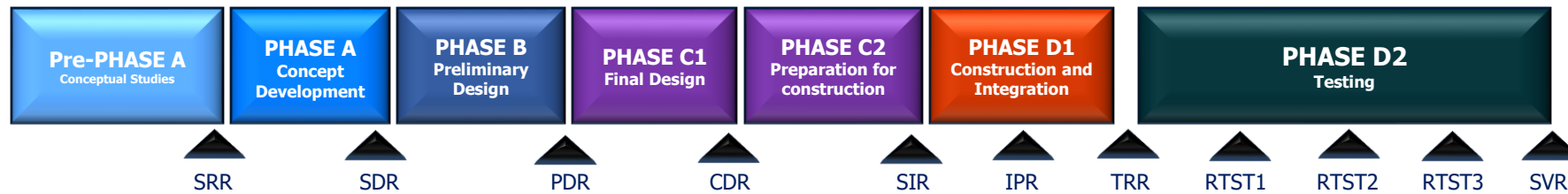
ACTION PLAN



Requirements

Quality Gates

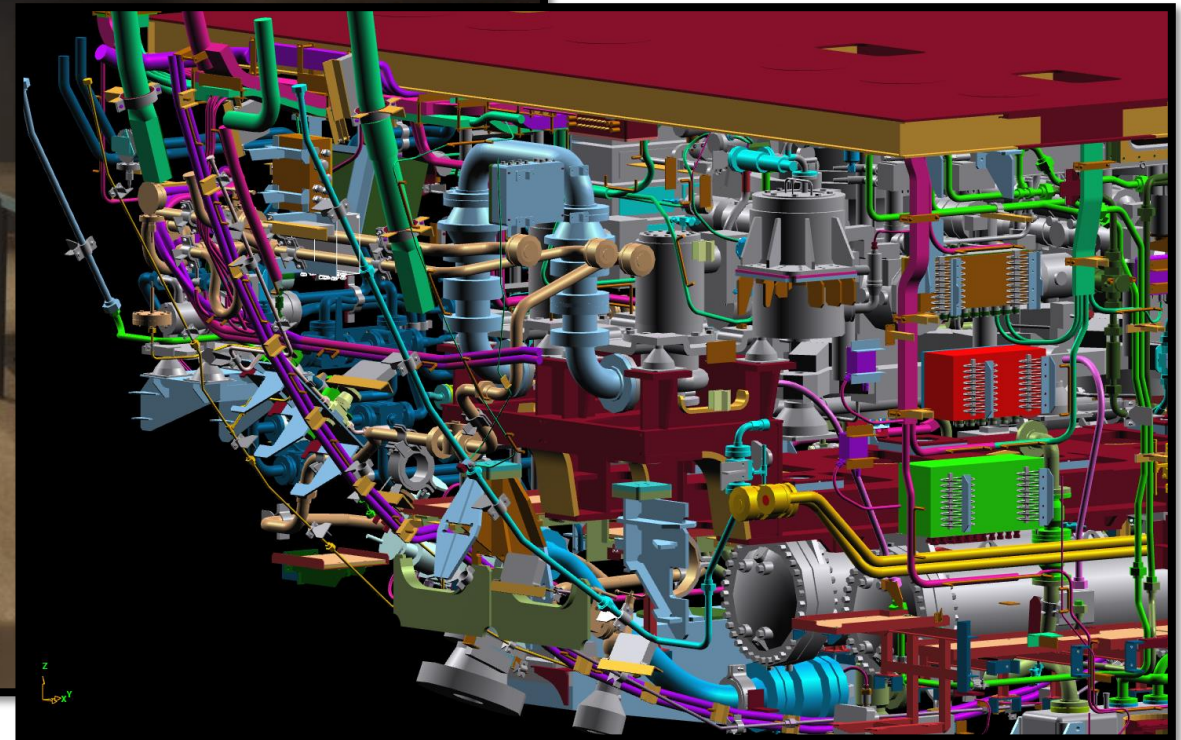
Milestones

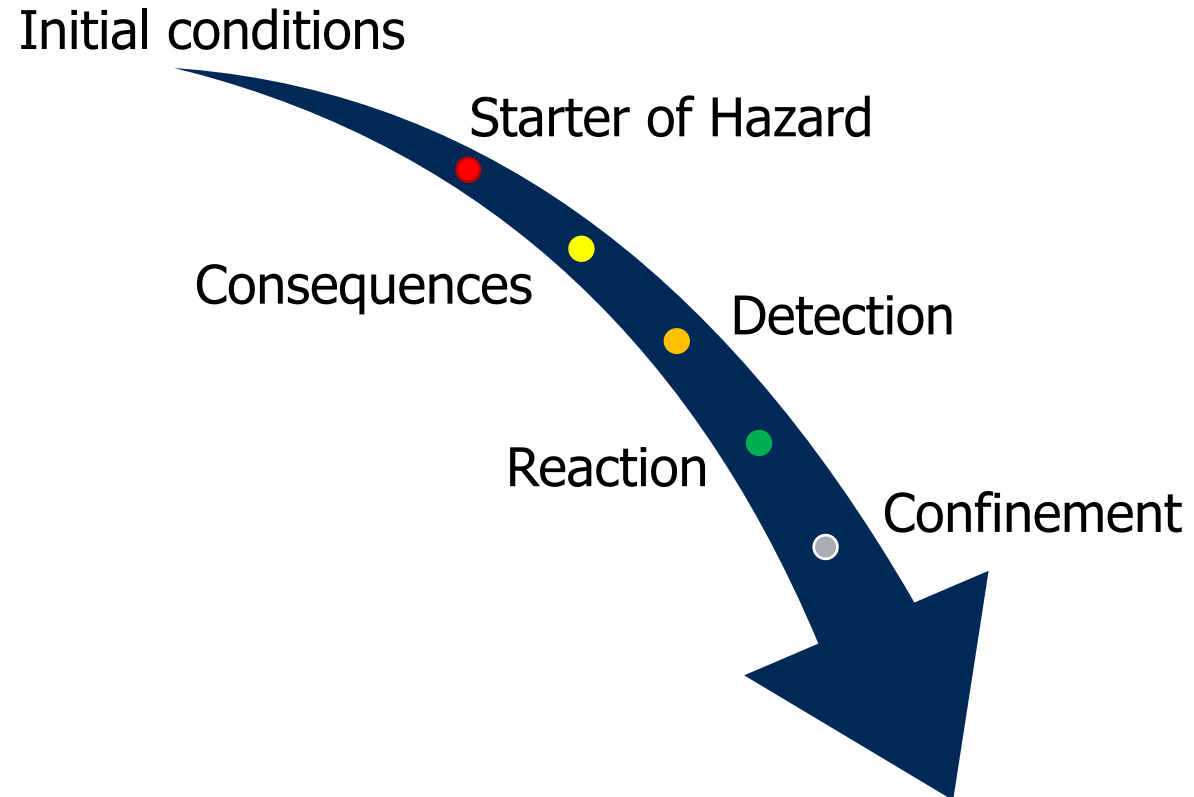


S-80 QUALITY GATES



CHECKING THE LAYOUT FROM THE PRELIMINAR DESIGN UP TO FINAL DESIGN

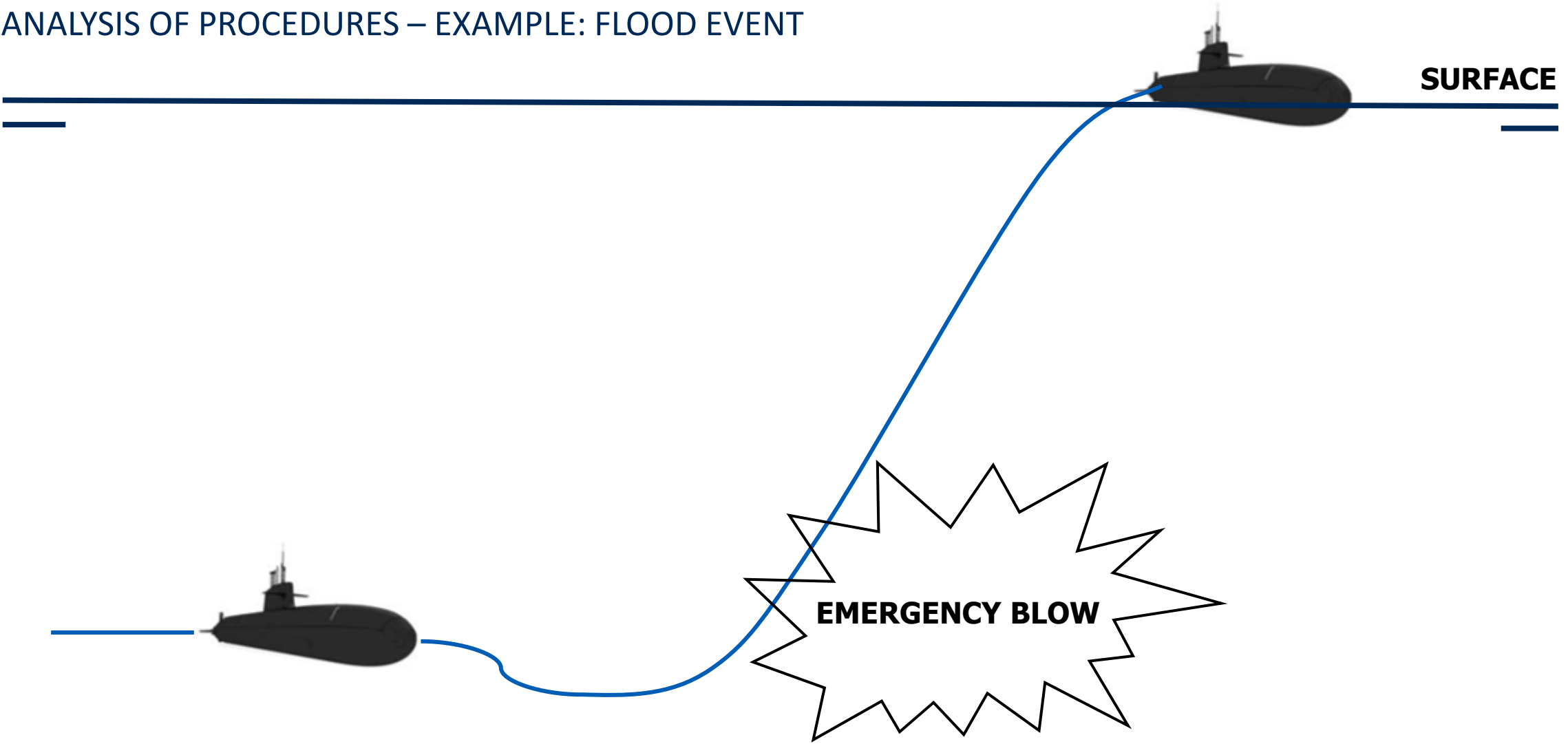






S-80 CASUALTY PROCEDURES

ANALYSIS OF PROCEDURES – EXAMPLE: FLOOD EVENT



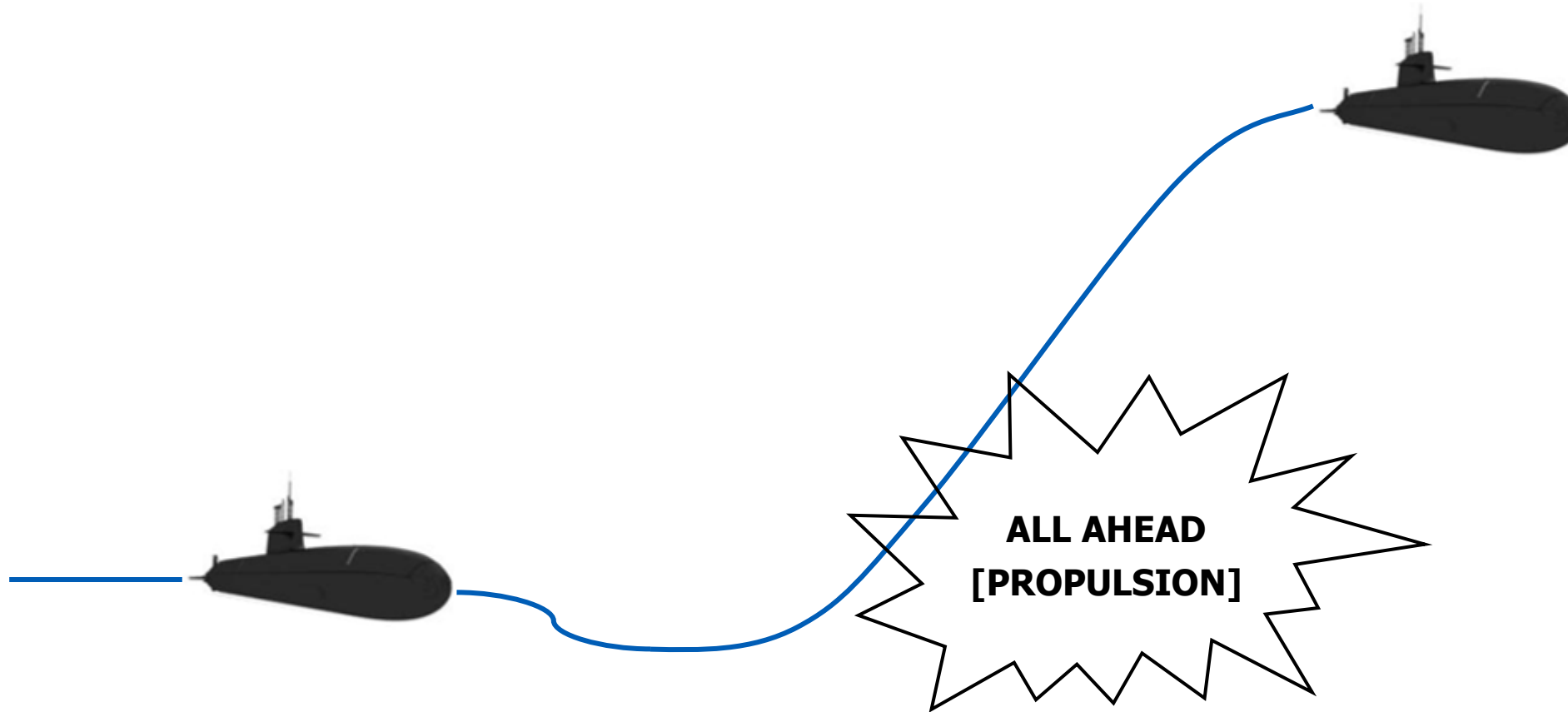
S-80 CASUALTY PROCEDURES



ANALYSIS OF PROCEDURES – EXAMPLE: FLOOD EVENT

SURFACE

SAFETY DEPTH



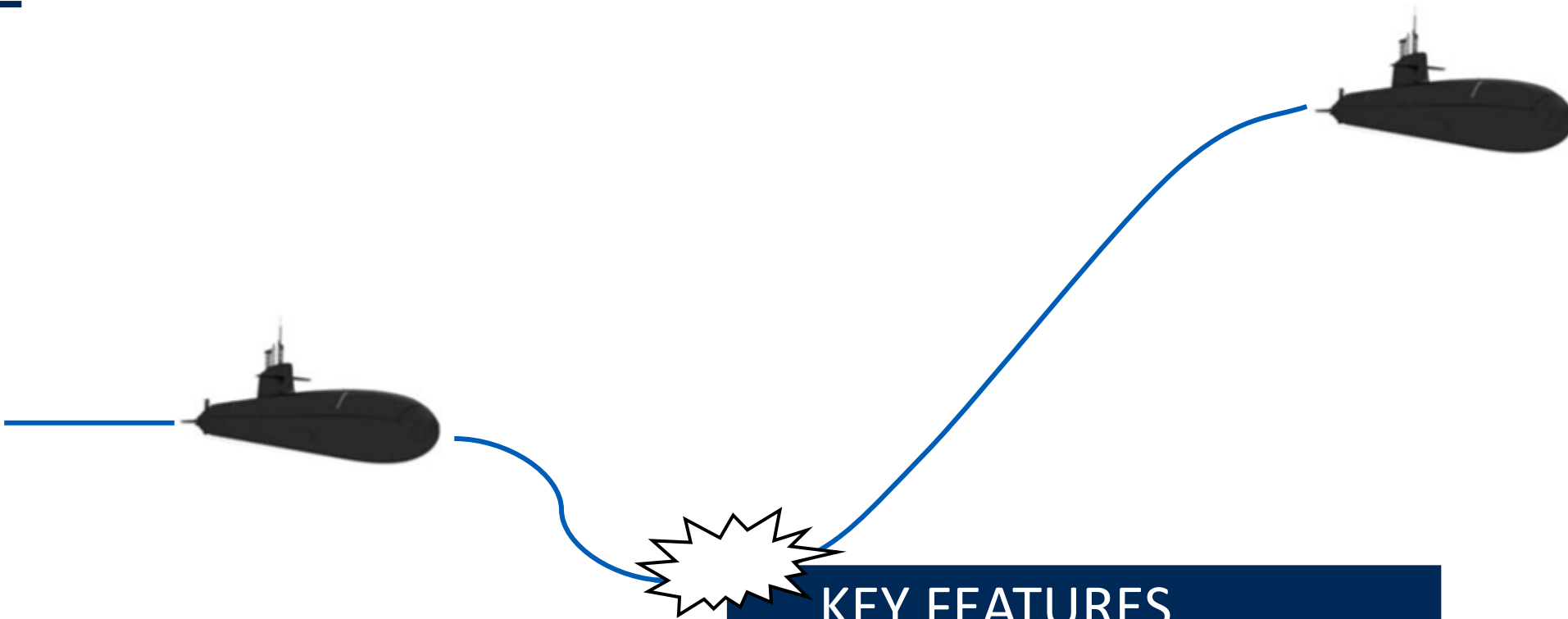
S-80 CASUALTY PROCEDURES



ANALYSIS OF PROCEDURES – EXAMPLE: PLANEJAM

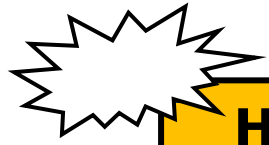
SURFACE

SAFETY DEPTH



KEY FEATURES

- EFFECT OF VERTICAL RUDDER
- REVERSAL SPEED



HAZARD DETECTION

CHECK

...

ACTION

...

CHECK

SNIC / SICP

LAUNCH SEQUENCE

CONFIRM ACTION TAKEN

S-80 TRAINING



CHECKING THE COMBAT SYSTEM ON SHORE



S-80 TRAINING



CHECKING THE PROCEDURES ON SHORE



S-80 TRIALS



CHECKING THE PROCEDURES AT SEA



S-80 ONE TEAM



SHIPYARD AND NAVY WORKING TOGETHER

