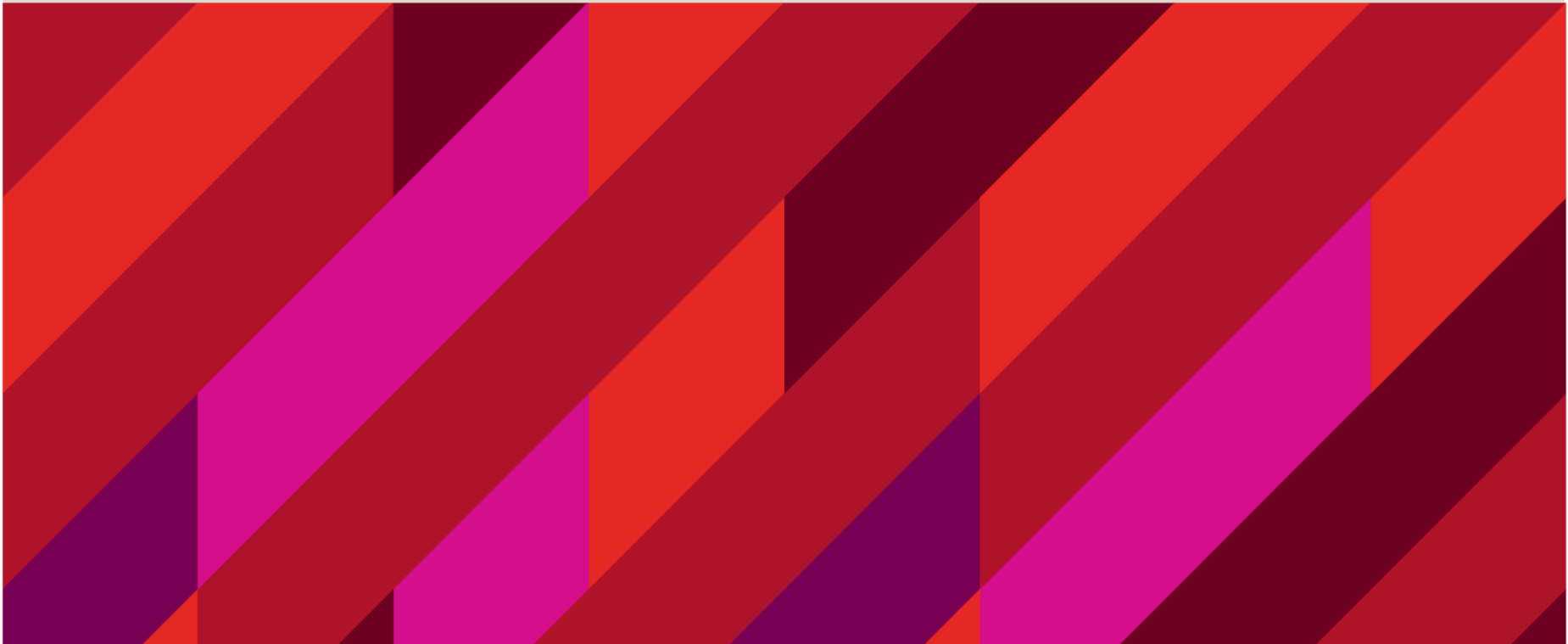


# Air Sea Battle and the Implications for Australia

2015 QINETIQ-GOLDRICK SEMINAR, AUSTRALIAN NAVAL INSTITUTE

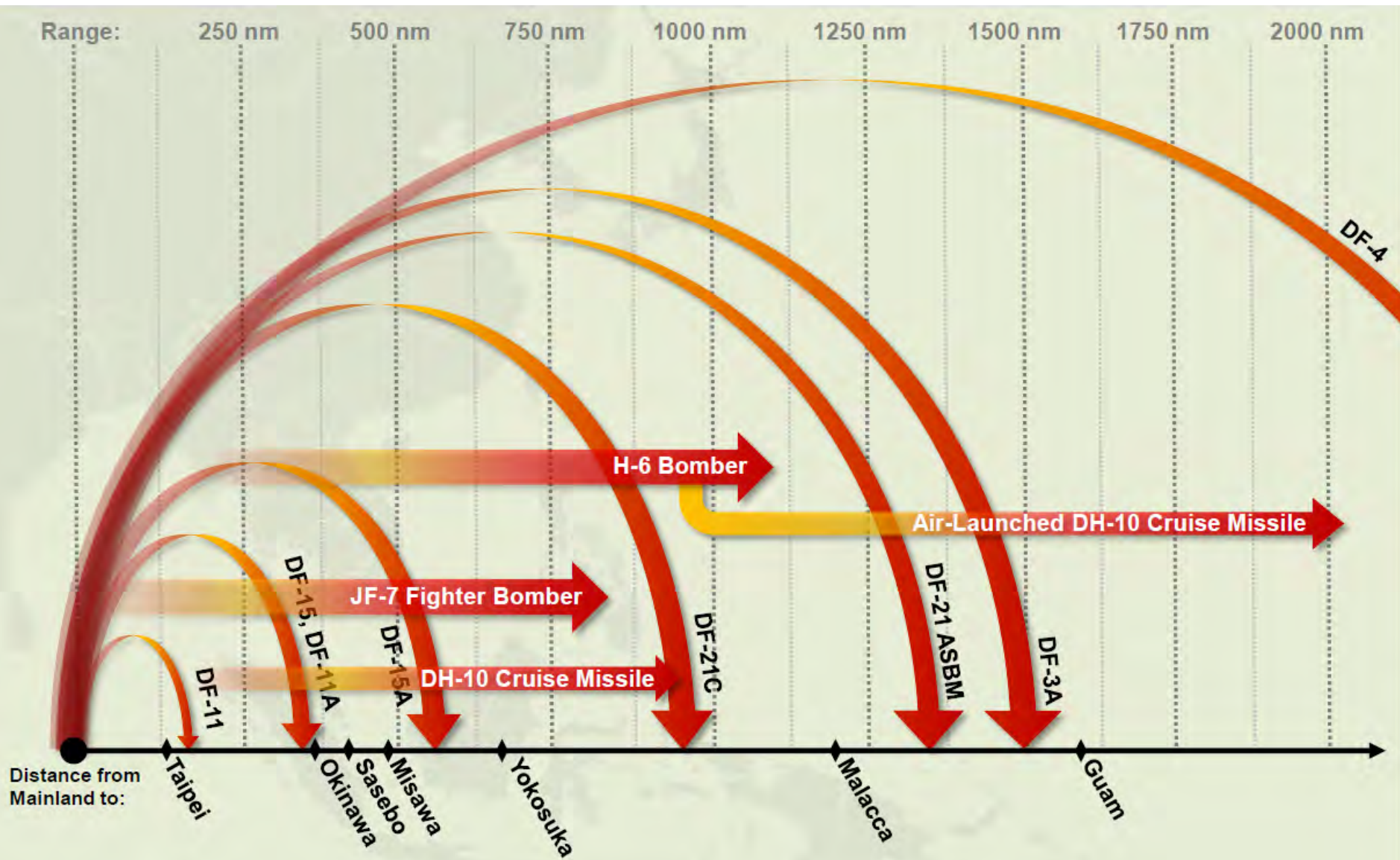
Professor Ben Schreer



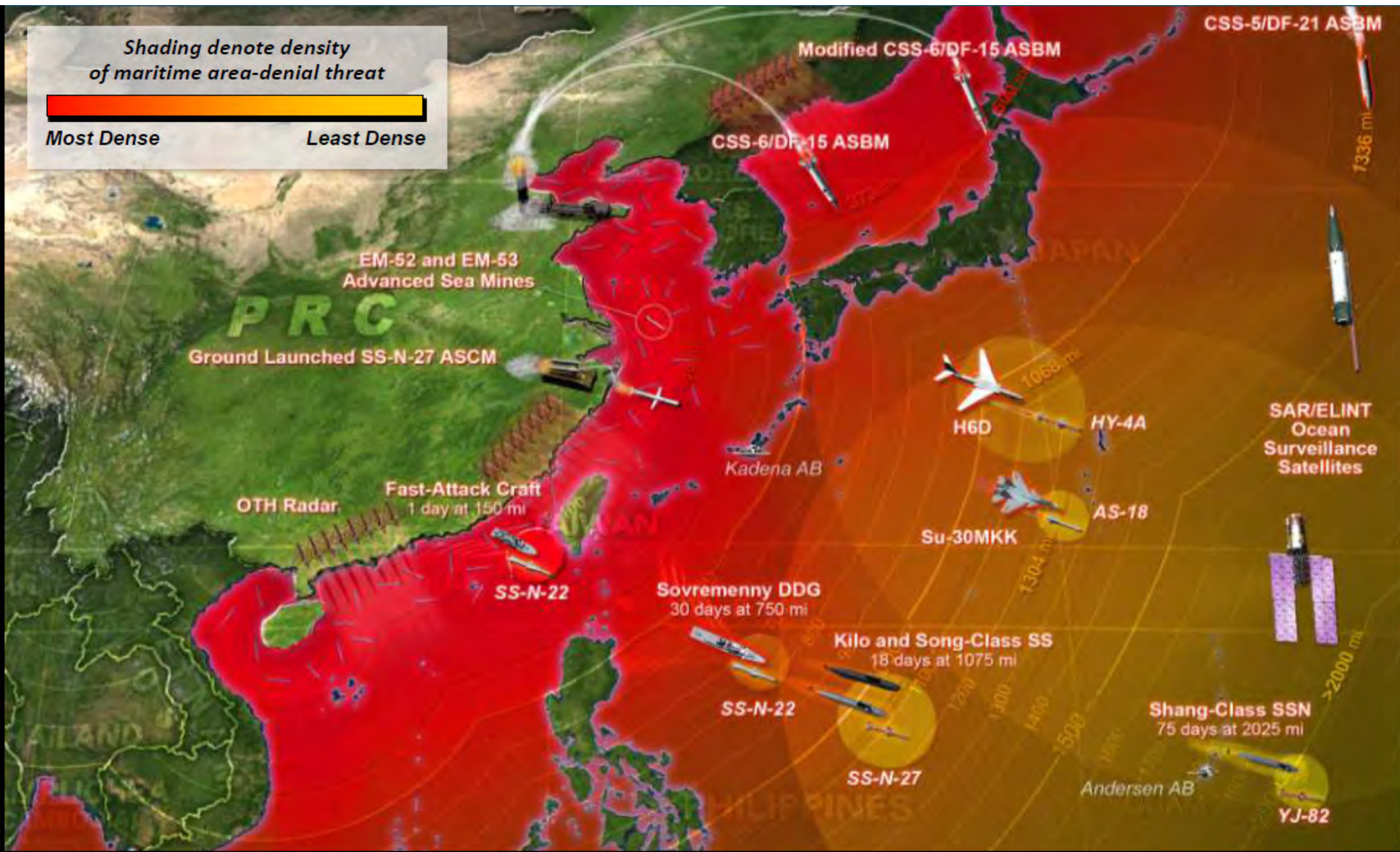
# Contents

- The problem: anti-access/area-denial (A2/AD)
- China's A2/AD and Air Sea Battle
- Challenges for Air Sea Battle
- Air Sea Battle or JAM-GC?
- Implications for Australia

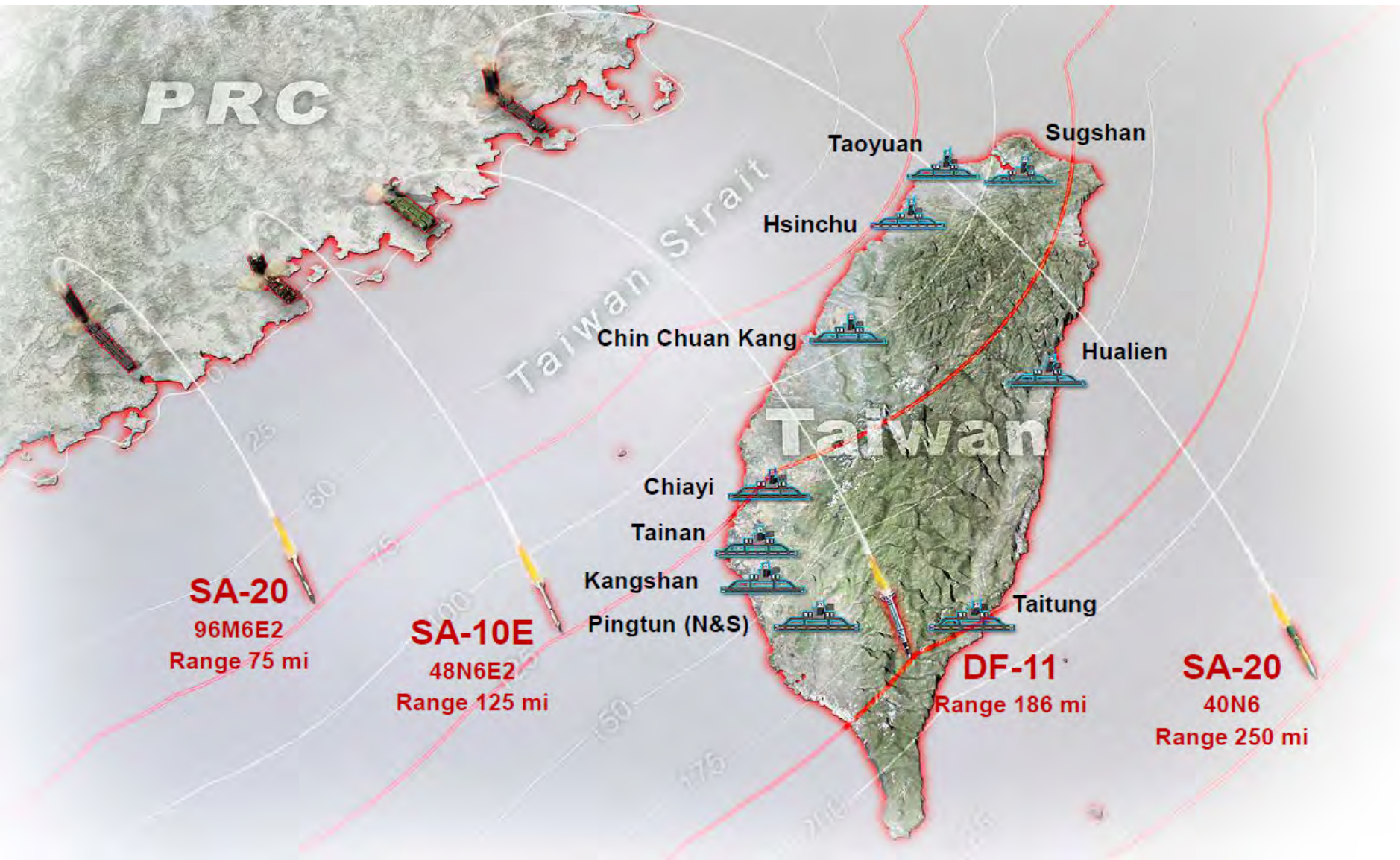
# The problem



# Driving the US out of the Pacific?



# PLA missile forces and Taiwan



# Tenets of Air Sea Battle



- **Tight integration of naval and air forces in a multi-stage campaign**
  - Withstand initial attacks and limit damage to US & allied forces
  - Blinding campaign against enemy battle networks & ISR systems
  - Missile suppression campaign
  - Seizing initiative in all domains
  - Follow-on operations, including distant blockade
- **Assumptions**
  - China initiates hostilities
  - Limited tactical warning
  - Space will be contested
  - Mutual nuclear deterrence will hold
  - Australia, Japan will remain active allies
  - China will attempt to achieve quick victory

# Challenges for Air Sea Battle



- What's the strategy?
- The risk of nuclear escalation
- What about alternatives? (offshore control, war-at-sea)
- What role for allies and partners?
- Inter-service rivalries
  
- From Air Sea Battle to JAM-GC

# Implications for Australia

- Strategic – to what degree to we commit/prepare to fighting a war against China?
- Operational and tactical
  - Providing strategic depth for the United States
  - Participation in Air Sea Battle operations, including distant blockade
  - Alignment of tactics and wargames
- Denial as a challenge for the ADF outside US alliance framework
  - Stand-off strike
  - Vulnerability increases
  - An Australian JCAM?





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