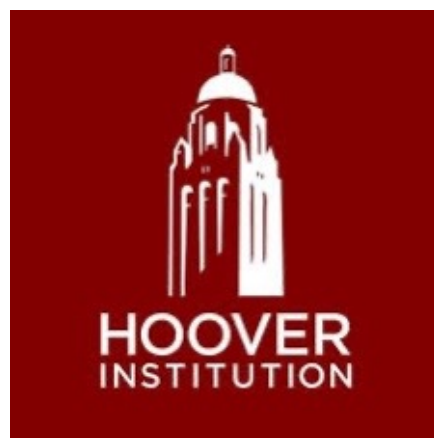


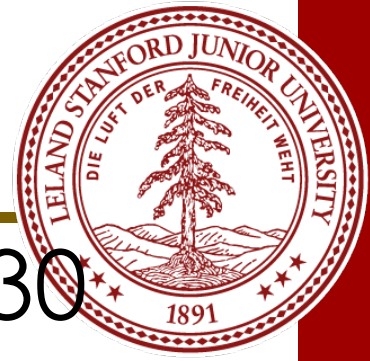


# Maritime Crisis Stability War Game



# Agenda

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**Opening Comments: 12:00-12:30**

**Scenario 1 Play: 12:30-1:30**

**Break: 1:30-2:00**

**Scenario 2 Play: 2:00-3:00**

**Discussion: 3:00-3:30**

# What to Expect

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- Potentially new terms and concepts
- This game is not about subject matter expertise, it is about decision-making
  - This is not a tactical-operational warfighting game
- There are no right answers or correct solutions
- Play the war game to the best of your abilities and work with your teammates



# Game Concept and Introduction

# Intro to the Game

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- 1.5 sided game, 2 moves
  - Adversary played by the game team
  - Play in Move 1 linked to Move 2
  - Discussion about follow-on implications in plenary
- Hypothetical crisis with hypothetical states, capabilities, and threats
- Group will be separated into teams of five (or more):
  - Executive
  - Minister of Defense
  - Minister of State/Foreign Minister
  - Economic Advisor
  - Military Strategic Commander
  - National Security Advisor (if there are 6 players)

# How to Play the Game

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- Go to groups
- Players determine their roles
- Review game materials
- Teams develop a Strategic Plan and a Military Strategic Plan
  1. Describe your overall plan, course of action, desired end state
  2. For strategic plan, select appropriate response actions
  3. For military strategic plan, describe military plan in detail and select appropriate response actions
  4. Select nuclear orders
- Plan for one week of orders for both the strategic plan and the military strategic plan
- After the group finishes their response plan, take individual surveys

# Strategic Plan: Head of State/Cabinet

Move: ☐ 1 ☐ 2

## Describe your Overall Response Plan/Course of Action

### Select Your Response Actions (check all that apply):

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Military Action                 | <input type="checkbox"/> Surge Domestic Defense Production | <input type="checkbox"/> Clandestine/Special Operations |
| <input type="checkbox"/> Preserve Status Quo/Deter       | <input type="checkbox"/> Diplomacy                         | <input type="checkbox"/> Information Operations         |
| <input type="checkbox"/> Invade/Attack                   | <input type="checkbox"/> Economic Punishment               | <input type="checkbox"/> Conduct Foreign Intelligence   |
| <input type="checkbox"/> Defend                          | <input type="checkbox"/> Economic Incentives               | <input type="checkbox"/> Conduct Domestic Intelligence  |
| <input type="checkbox"/> Activate Civilian Reserve/Draft | <input type="checkbox"/> Martial Law                       | <input type="checkbox"/> Cyber Operations               |

### Describe Your Desired End State:

### Select your orders for nuclear weapons:

- ☐ Do not launch under any condition
- ☐ Place nuclear forces on alert but do not launch without Presidential approval
- ☐ Place nuclear forces on alert and pre-delegate launch authority to Military Commanders
  - ☐ If there is credible warning of nuclear launch
  - ☐ If there are concerns about ability to command/control nuclear weapons
- ☐ Launch nuclear weapons against military/nuclear targets (counter-force)
- ☐ Launch nuclear weapons against cities or civilian infrastructure (counter-value)
- ☐ Automate nuclear weapons to launch upon warning of adversary launch

# Strategic Plan: Head of State/Cabinet

Move: ☒ 1    ☐ 2

## Describe your Overall Response Plan/Course of Action

Focused on defending Our State and conducting diplomacy to bide time while we collect intelligence; meanwhile, conducted cyber attacks on critical infrastructure and partially generated nuclear forces. Increased weapons reserves and started process of activating civilian reserve. Initiated a global information campaign to convince other countries to sanction and pressure Other State to stand down.

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## Describe Your Desired End State:

Desired end state is to prepare country's defenses against further attacks and use diplomacy and cyber to convince Other State not to deploy nuclear weapons to Gray Island.

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# Strategic Military Plan: Military Commander

Move: ☒ 1    ☐ 2

## Describe your Overall Strategic Military Plan/Course of Action and Your Desired End State:

Plan is to prepare and surge forces for defense while using special operations and cyber attacks to degrade Other State's ability to launch an offensive against Gray Island. Relying on nuclear forces to deter Other State from launching a preemptive strike.

Prepared ground/amphibious forces for potential deployment and surged air forces for combat patrols of Our State. Placed nuclear forces on alert and pre-delegated launch authority to the platform commanders. Moved carrier strike groups into Gray Sea and destroyers to waters surrounding Gray Island. Launched cyber attacks against dual-use infrastructure including Other State's space systems tied into early warning.

Desired end state is for Other State to withdraw forces back to its land borders and not relocate a mobile nuclear missile launch site to Gray Island.

## Select Your Response Actions (check all that apply):

<input type="checkbox"/> Mobilize Air	<input type="checkbox"/> Mobilize Ground	<input type="checkbox"/> Mobilize Navy	<input type="checkbox"/> Cyber Network Exploitation	<input type="checkbox"/> Mobilize Special Ops
<input type="checkbox"/> Air Defense	<input type="checkbox"/> Ground Defense	<input type="checkbox"/> Naval Defense	<input type="checkbox"/> Cyber Defense	<input type="checkbox"/> Special Ops Defense
<input type="checkbox"/> Air Attack	<input type="checkbox"/> Ground Attack	<input type="checkbox"/> Naval Attack	<input type="checkbox"/> Cyber Attack	<input type="checkbox"/> Special Ops Attack

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# QUESTIONS?



# Crisis Scenario Scene-Setter



# Intro to Our State

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- **Geography**

- Maritime nation, primarily coastline with a shallow interior
- Interior is primarily flat agricultural lands and forests
- Extensive mountain ranges secure the land borders
- Gray Island located 1875km off the coast of Our State
  - Equidistant between Our State and Other State
  - Territory evenly divided between Our State and Other State

- **Population:**

- Roughly 70 million
- Approximately 70% lives within 100km of the coast
  - 35% of the total population in major coastal urban areas.
- Gray Island is a heavily populated part of Our State
  - About 10% of the population of Our State

# Intro to Our State

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- **Economy**

- Advanced industrial state (GDP top 5 globally)
- Diversified economy with high-tech service industry, IP intensive manufacturing, and mineral extraction
- Trade dependent: relies heavily on maritime trade
  - Exports= 30% of GDP
  - Imports components for smart munitions

- **Diplomacy**

- Non-permanent member of the UN Security Council
- Member of World Bank, IMF, World Trade Organization
- Strong diplomatic presence world wide
  - Neighbors and international community maintained neutrality on Gray Island issue

- **Intelligence**

- Robust foreign and domestic intelligence capabilities
- Integrates ground, air, and space sensors for imagery, radar, infrared, and signals intelligence

# Intro to Our State



- **Military Conventional Capability:**

- Regional, high-tech power
- Strong conventional capabilities within region

- Blue-water Navy:

- Two nuclear-powered aircraft carrier groups w/multirole destroyers
- Three amphibious assault groups
- 4th and 5th generation aircraft
- Nuclear power attack submarines

- Air Force/Air Defense

- Modern IADs with shoot-down ranges of 50-75NM
- 4<sup>th</sup> and 5<sup>th</sup> generation stealth fighters/bombers

- Army/Special Operations

- Highly trained, combined arms force, equipped with high-tech long range fires
- Trained and equipped for amphibious operations
- Experienced Special Operations Force (SOF) capability

# Intro to Our State

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- **Nuclear Capability:**
  - Strategic and Tactical nuclear capability
    - Nuclear powered ballistic missile submarines (SSBNs)
  - Stealth strategic bombers
  - Land based strategic missile capability
    - Fixed and mobile launch facilities
    - Medium and intermediate range missiles
  - Digital nuclear command, control, and communications (NC3)
  - Early warning of attack from air/space network of intelligence sensors

# Intro to Our State

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- **Cyber and Space Capability:**

- Cyber
  - Offensive
    - Can target military networks/systems
    - Can target civilian critical infrastructure
    - Can create reversible or long-term effects
  - Defensive
    - Integrated into military
    - Must surge reserve capabilities to protect civilian targets
- Space
  - Domestically operated global positioning system (GPS).
  - Robust satellite communications for military/nuclear command & control
  - Satellite ISR essential for early warning of enemy nuclear launches
  - No anti-satellite capabilities

# Intro to Other State

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- Similar economic, diplomatic, military, nuclear, cyber, and space capabilities to Our State
- Speak the same language

# Crisis Scenario

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- Ongoing disputes with Other State over Gray Island and within the Gray Seas
- Both states claim sovereignty over Gray Island with multiple conflicts over the territory (none decisive)
  - Gray Island is resource rich (fisheries, oil, strategic ports)
  - Strong historic ties to Gray Island for both Our State and Other State
- De-facto demilitarized zone has developed on Gray Island
  - Separates half of island controlled by Our State and other half controlled by Other State
- Tensions spill over to maritime skirmishes, vessel seizures, and port sabotage
- Gray Island approaching 20th anniversary of last major conflict which led to current uneasy peace

# Crisis Situation

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- Crisis Day 1:
  - Other State announces their intention to reunite Gray Island
- Crisis Day 5:
  - Other State orders the activation of reserve forces on mainland
  - Imagery suggests Other State is mobilizing amphibious forces
- Crisis Day 6:
  - Reports of skirmishes on the demilitarized zone
  - Potential special operations sabotage operations and cyber attacks on Gray Island infrastructure
    - Communications to and from Our State and Gray Island increasingly difficult
    - Transportation (airports, rail, and ports) all reporting challenges using IT systems
- Crisis Day 7:
  - Intelligence suggests Other State may be pre-positioning a mobile nuclear missile capability on their portion of Gray Island



# Intelligence on Other State



- Other State's Objectives:
  - Preserve government stability
  - Maintain territorial integrity
  - Gain control of Gray Region
  - Minimize harm to Other State's economic, reputational, and military capabilities
- Other State believes it can deter Our State from retaking Gray Island by pre-positioning nuclear forces on Gray Island
- Other State regime leaders are under domestic pressure to "reunite" Gray Island with almost complete support from the population to take Gray Island by any means possible
- Other State nuclear forces on alert with SSBNs at sea and nuclear armed bombers in patrols above Other State
- Other State is willing to use nuclear weapons if:
  - Other State conventional forces at risk of defeat
  - Other State regime stability at risk
  - Other State perceives risk to its nuclear arsenal
  - Other State perceives no other way to hold Gray Island

# Crisis Situation: Diplomacy

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- Our State diplomatic mission remains in Other State
  - Destroying sensitive materials in case of a raid
- UN Security Council is holding an emergency meeting
- Other State claims Our State was using nuclear blackmail to hold Gray Island and would no longer be deterred by Our State
- No indication of Our State or Other State allies involvement in crisis
  - International community so far maintaining neutrality in conflict

Capitol



Map is not to scale and is for illustrative purposes only. Unit placements are

--- Unlocated unit  
— Mobilized unit



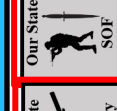
Naval Port North



Naval Port North



Our State



Other State



Naval Port South

Naval Port South



Gray Sea

Capitol





# QUESTIONS?

# Survey Move 1





# QUESTIONS?

# Survey Move 2

