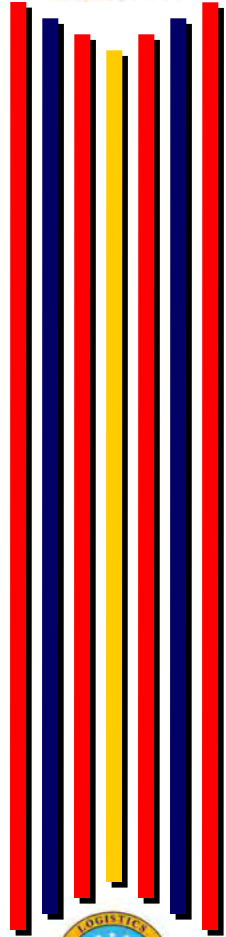


US EPA ARCHIVE DOCUMENT



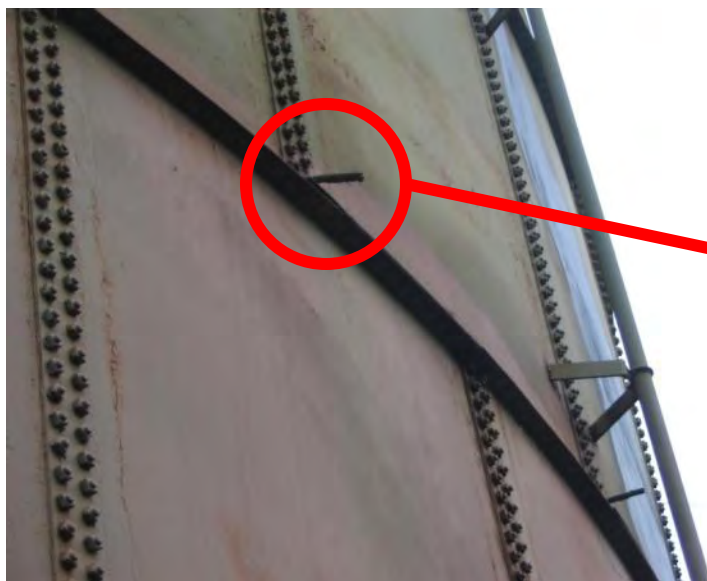
Department of Defense Oil Spill Response Training and Exercises in Asia



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Observations



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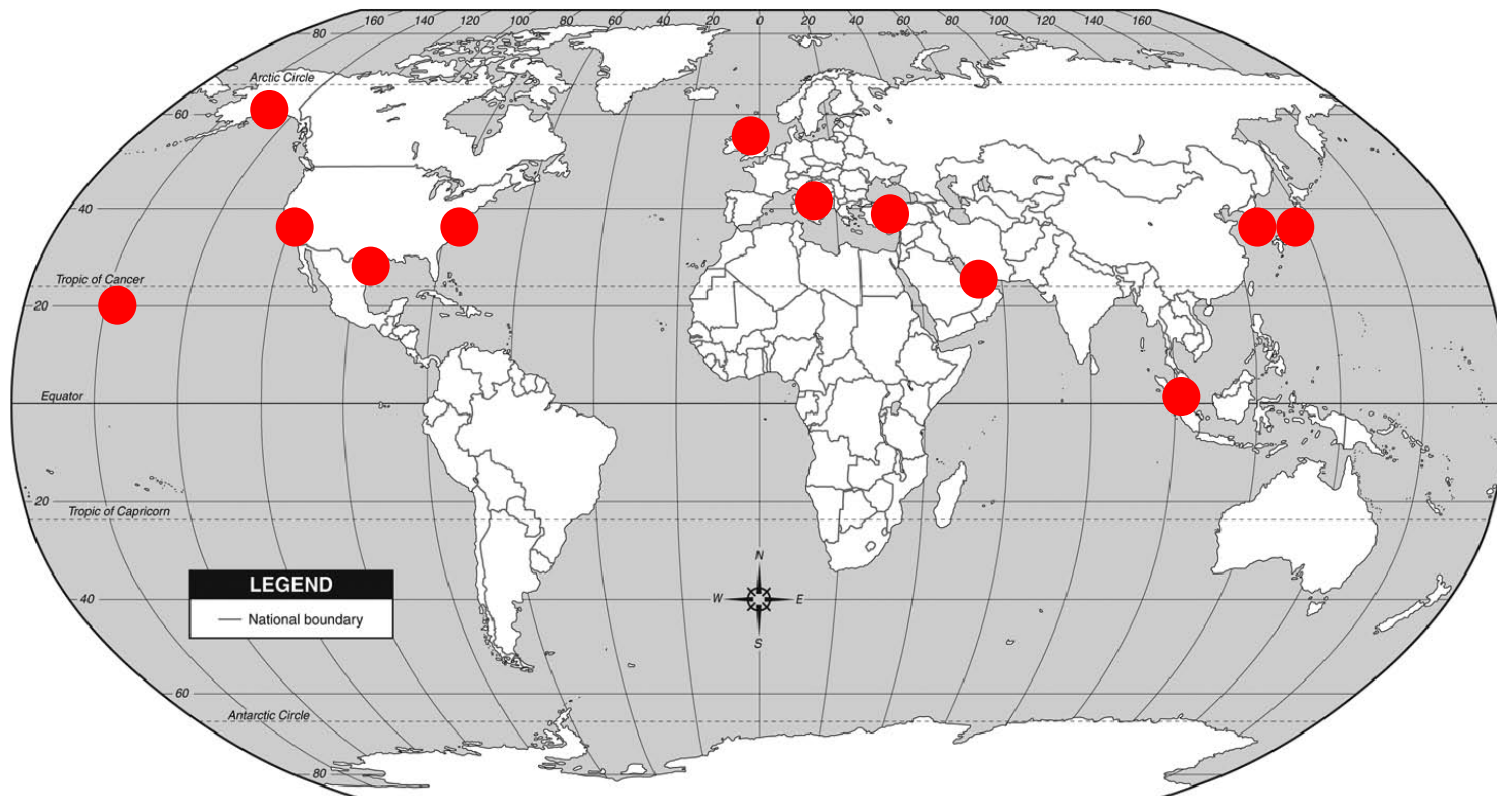


Defense Energy Support Center

- Role:
 - To manage the energy resources of the military
- Includes:
 - Petroleum
 - Coal
 - Natural gas
 - Missile fuels
 - Rocket fuels
 - Biodiesel
 - Electricity



DESC Regional Locations



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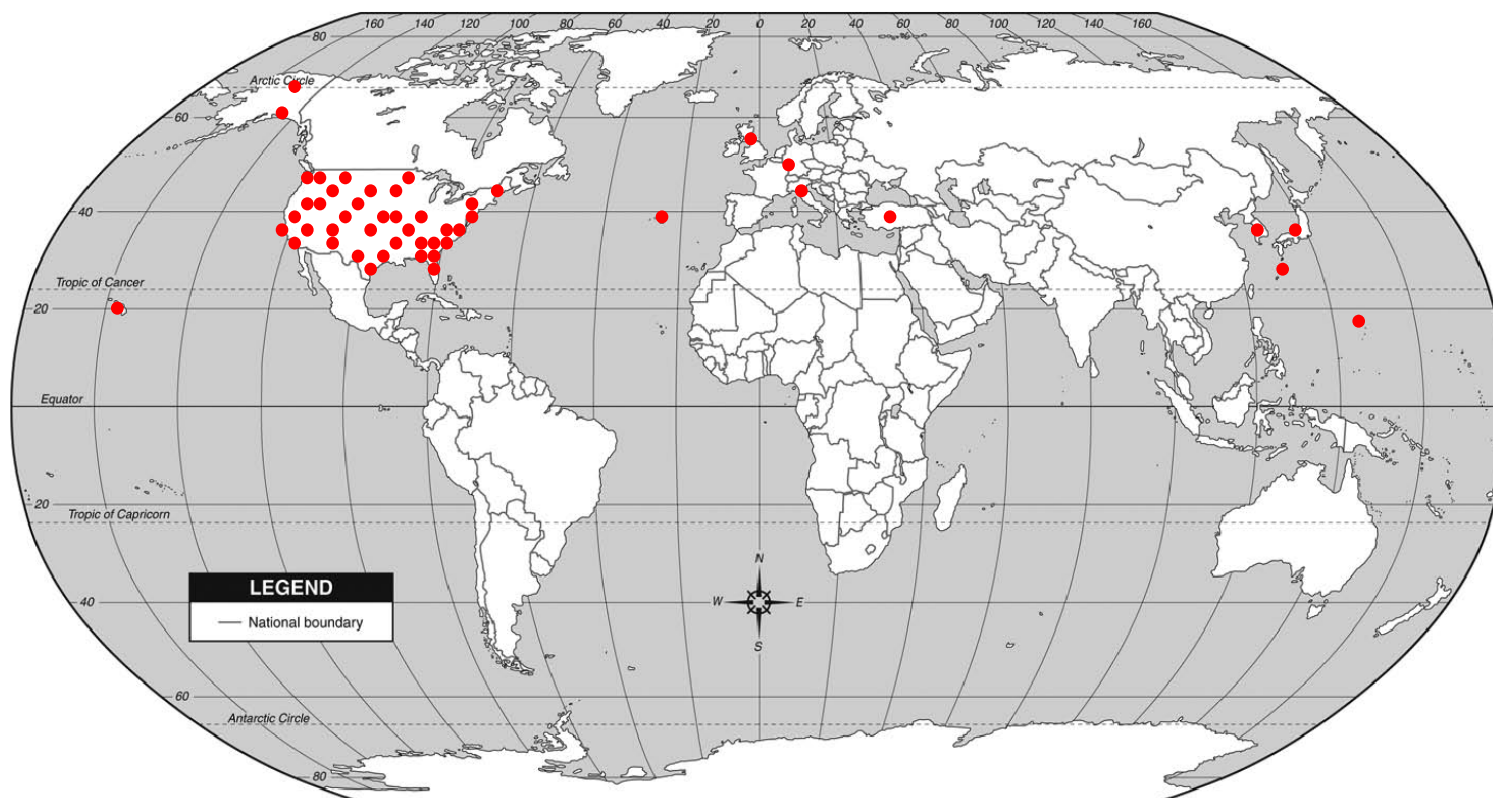


Defense Fuel Support Points

- Role:
 - To fuel the “warfighter”
- Locations:
 - Worldwide
 - US military installations
 - Host nation installations
 - Remote locations
- Governmental Owned/Contractor Operated



GOCO DFSPs



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Environmental Governing Standards

- Drivers:
 - DoD Instruction 4715.5, Management of Environmental Compliance at Overseas Installations
 - DoD Instruction 4715.8, Environmental Remediation Overseas
 - Executive Order 12114, Environmental Effects Abroad of Major Federal Actions
 - Host nation laws and regulations



Environmental Governing Standards

- DoD Instruction 4715.5, Management of Environmental Compliance at Overseas Installations
 - Chapter 9, Petroleum, Oils, and Lubricants
 - Chapter 18, Spill Prevention and Response Planning



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South Korea and Japan

- Korea
 - P'ohang
 - Yecheon
 - Gunsan
 - Osan
- Japan
 - Yokosuka
 - Okinawa
 - Kadena
 - Misawa



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Planning Documents

- Oil and Hazardous Substance Plans
- Spill Prevention and Response Plans
- Spill Prevention, Control and Countermeasures Plans
- Stormwater Pollution Prevention Plans
- Operations and Maintenance Manuals



Observations



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Observations



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Representative Facilities

- 505th Quartermaster Battalion – Okinawa
 - JP-8, JP-5, F-76, MOGAS
 - White Beach Tank Farm
 - Chimu Wan Tank Farms 1 – 3
 - Kuwae Tank Farms 1 – 2
 - 78-mile inland pipeline to feed Air Force, Marine Corps, Navy, and Army
 - 54,516,000 gallons
 - Supplied by tank ship





Representative Facilities

- 505th Quartermaster Battalion – Okinawa
 - Hosting joint Air Force, Marine Corps, Navy, and Army training and exercises



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Representative Facilities

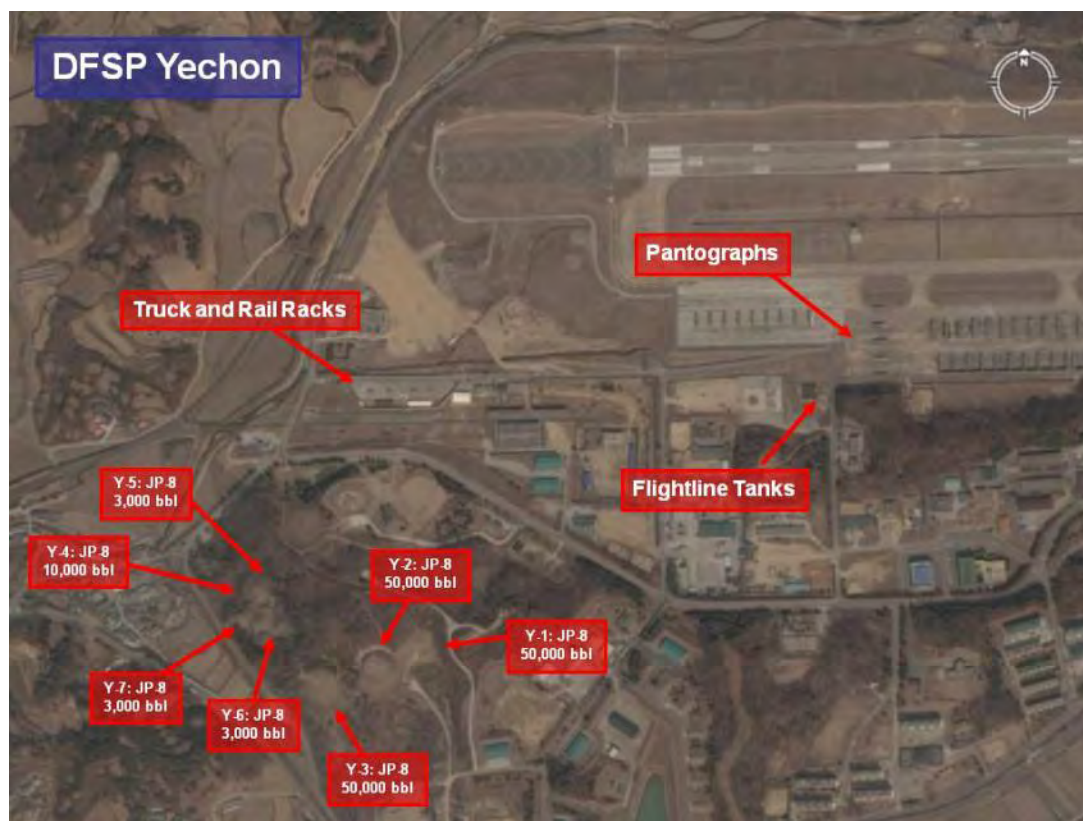
- DFSP Yecheon
- JP-8
- 8 cut and cover tanks
- 7,098,000 gallons
- Supplied by truck and rail
- Throughput ~
420,000 gallons/year





Representative Facilities

- DFSP Yechon



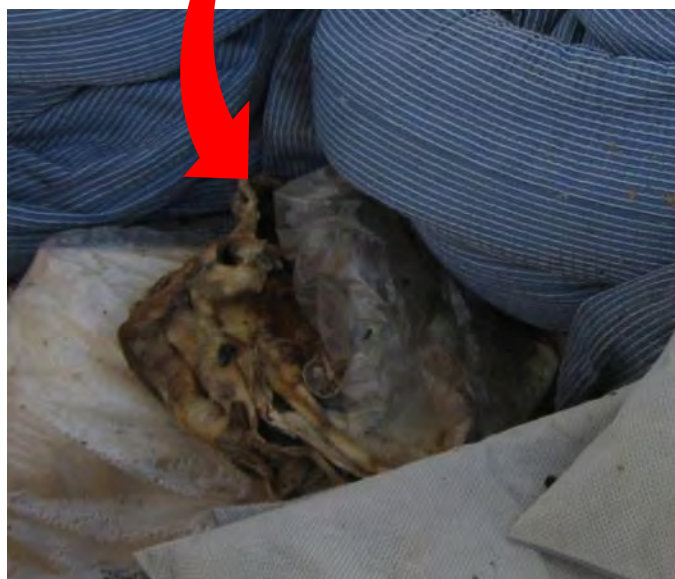


Representative Facilities

- DFSP Yecheon
 - Joint exercises with ROK Air Force



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Unique Cultural Complexities



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Observations



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Observations



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Lessons Learned

- Traditional US conceptions of OSROs are hard to come by
- Inland response equipment is very minimal
- Shared resources
- US military practice of maintaining completely full tanks makes temporary onsite storage solutions difficult
- Language barrier between facility operators and U.S. government response teams
- Length of tour (unaccompanied) for U.S. military
- DESC's ongoing commitment
- Cultural "unease" with publicly noting deficiencies

