

Maintenance in Extreme Environments & Deploying Maintenance Capabilities

Sustaining Carrier Based Naval Aircraft Maintenance Capabilities



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Carrier-Based Maintenance

- What makes it an extreme environment?
 - Afloat = Disconnected from Lifelines
 - Space Management
 - Re-supply capacity
 - On board storage capacity
 - Flight Deck Ops & Hangar Bay Maintenance
 - Climate: heavy seas, temperatures, salt & sand
 - Change versus Predictability & Stability



How does the Team meet the challenge?

- Weapon System Design
 - Reliability = Smaller Supporting Footprint
 - Commonality = Shared Resources
- Team Building
 - Trust
 - Improve understanding of individual impacts on the whole



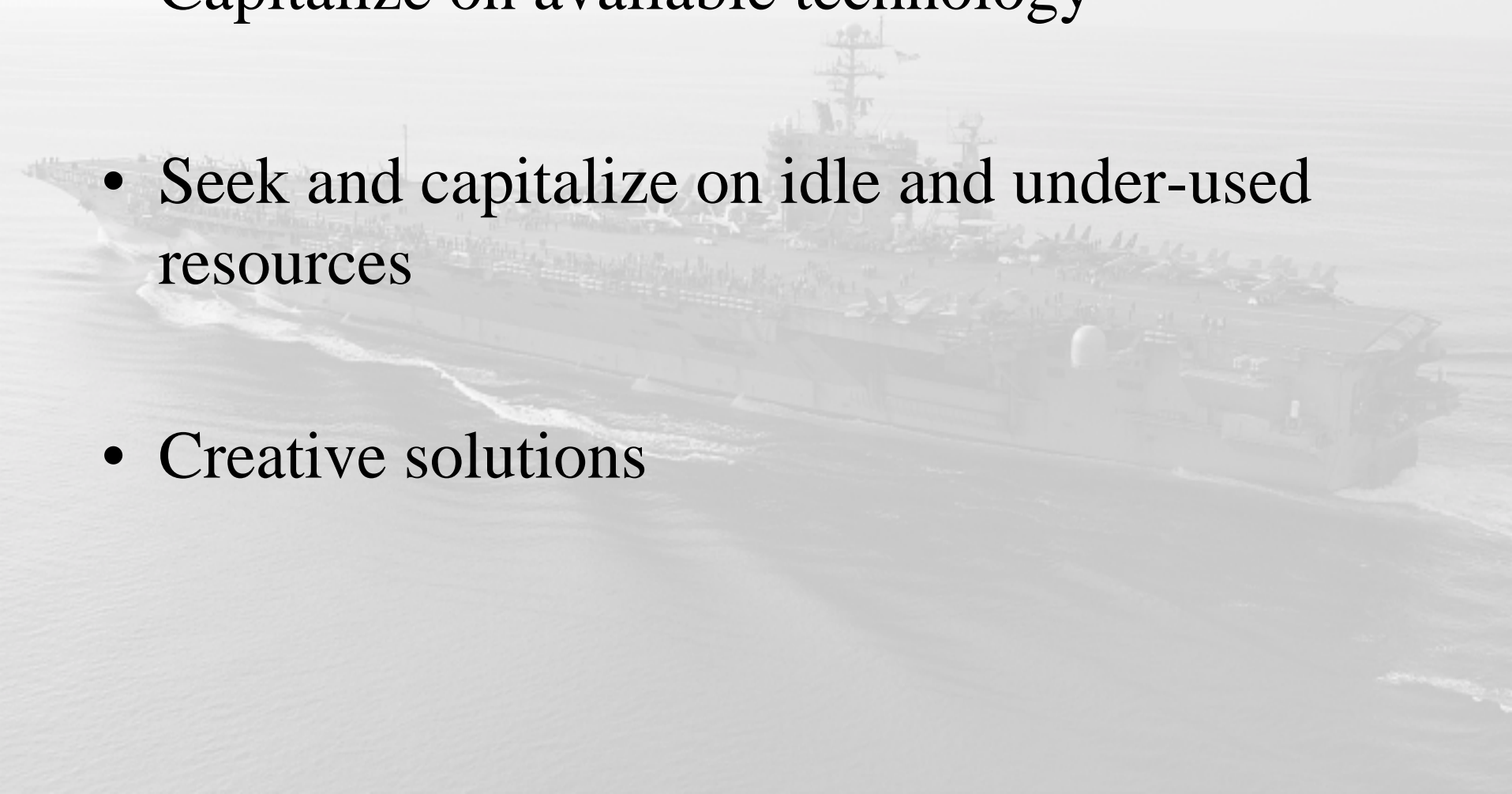
How does the Team meet the challenge? (cont.)

- Aggressive Planning
 - Pre and Post Deployment work avoids embarked requirements
 - On site support = sustained independence
- Meaningful Information Management
 - Properly prioritize tasks & know impacts
 - Use leading indicators to make leading decisions
 - View the “horizon” as well as “here and now”



How does the Team meet the challenge? (cont.)

- Capitalize on available technology
- Seek and capitalize on idle and under-used resources
- Creative solutions





Summary : When Do We Win?

- Improve operational capabilities and warfighting performance
- Improve resource stewardship
- Lower operating and ownership costs
- Provide a work environment for which Sailors and Marines can be proud

Optimal Mission Accomplishment at Minimal Cost



Summary: How Do We Win?

- Support Operations
- Optimally managing the Integrated Logistics Support (ILS) Elements
 - Getting everything “right”, all the time, for all operations or any contingency, in any place ... **or, fixing it quickly**

Human Solutions



A difficult challenge is a great opportunity to excel