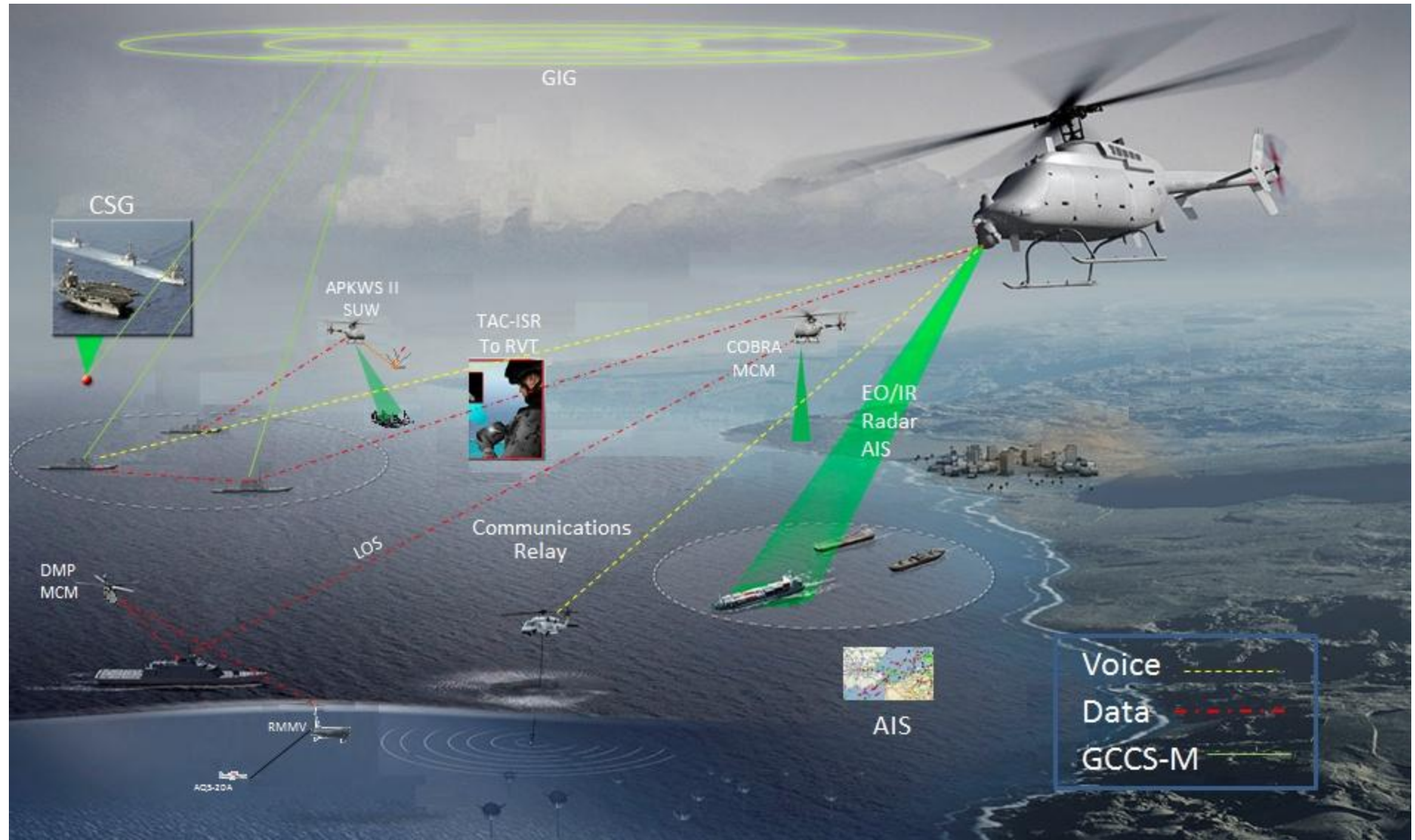




System Overview





MQ-8 UAV

Component Descriptions



Autonomous Aircraft

Airframe

- Dual Redundant Control System and C² links



MQ-8B



MQ-8C

Operational Payloads

- Architecture facilitates integration and testing

BriteStar II EO/IR/LR/LD

AIS



TACISR / Vortex



Payloads in Test Phase

- COBRA
- Radar (Maritime Surface Search/ISAR/SAR)
- Weapons

Encrypted, Digital Data Links; Land & Sea Ops



Tactical Control Data Link (TCDL)



UCARS-V2 for Ship Launch/Recovery

Control Station with Tactical Control System (TCS) software integrated



- Open Architecture
- GCCS-M, JDISS, AFATDS, CCTV & JSIPS-N
- NATO STANAG 4586 Compliant
- Multi-Vehicle control

Mission Control System (MCS)