



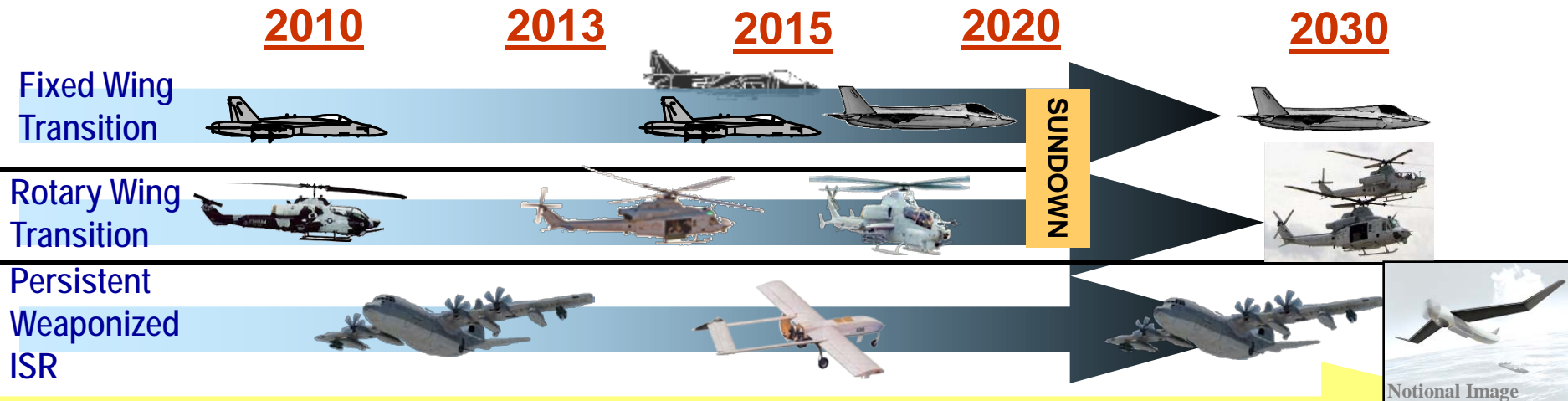
MARINE AVIATION

Aviation Weapons Systems Requirements

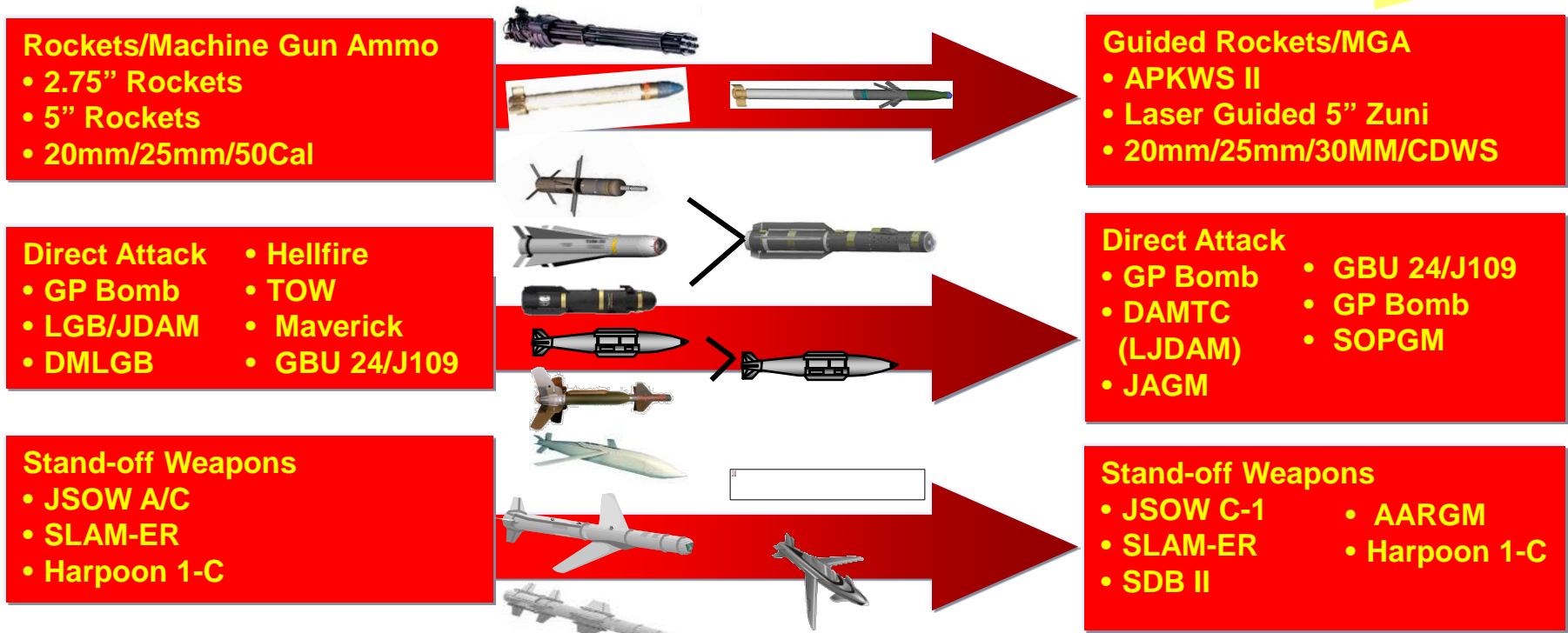
Col Robert Claypool

Branch Head, Aviation Weapons Systems Requirements (APW-1)

Air to Ground Weapons Roadmap



Pacing Aircraft Advances with Enhanced Precision & Lethality





MARINE AVIATION

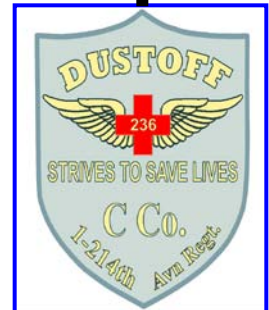
Marine Aircraft Group 26
Commanding Officer (2009)

“Operation Iraqi Freedom Warfighter Experience”

Col Steven Rudder
Branch Head, Aviation Expeditionary Enablers (APX-1)



Marine Aviation



Offensive Air Support **Air Reconnaissance**
Anti-Air Warfare

Assault Support



Assault Support

Electronic Warfare

Date:



Al Asad



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AL BAŞRAH

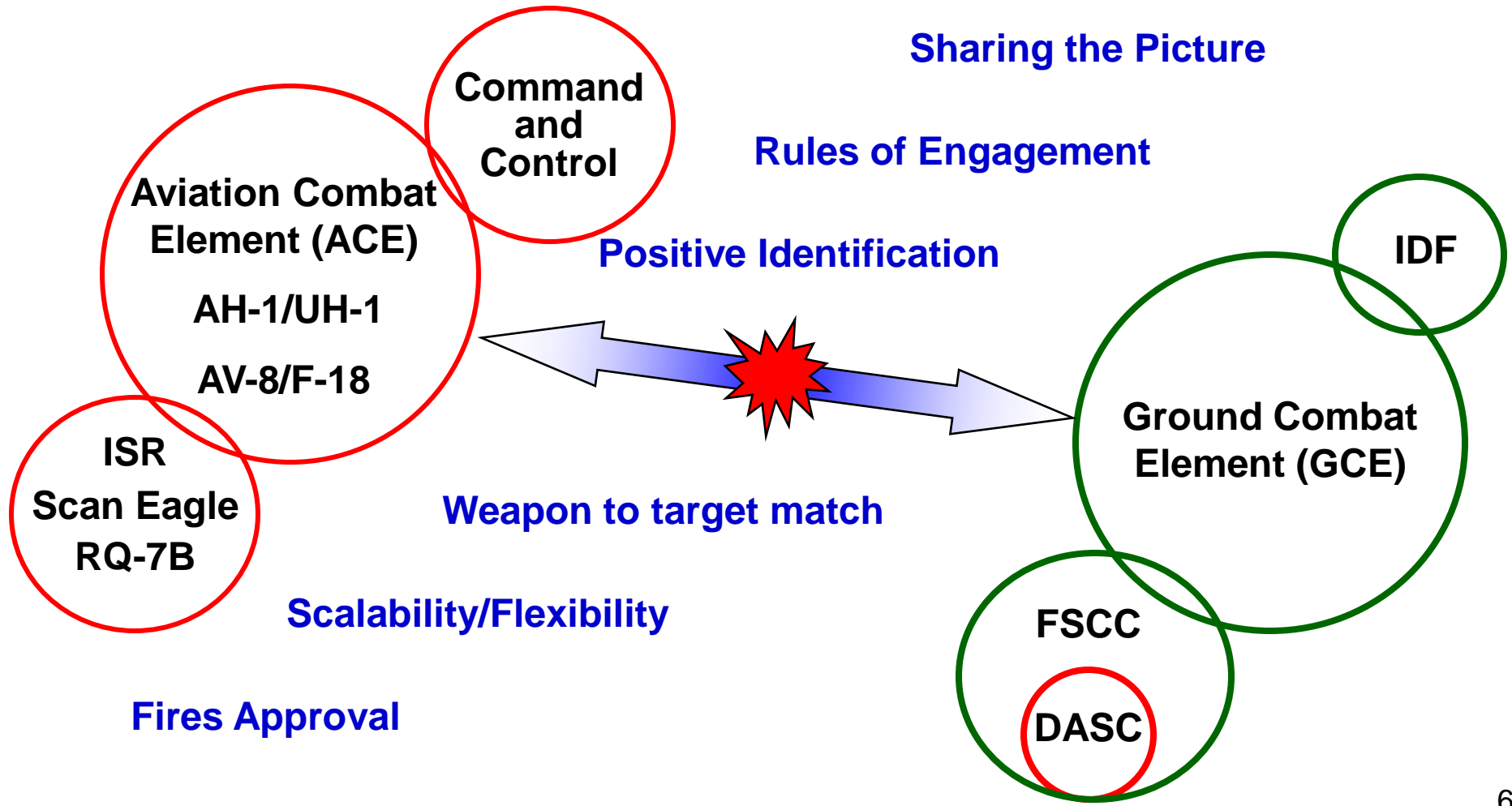
KUWAIT



Marine Air Ground Task Force (MAGTF) Responsive Fire Support

Marine Aviation

Find → **Fix** → **Track** → **Target** → **Engage** → **Assess**



Marine Air Ground Task Force (MAGTF)



RQ-7B

Video Link to Rover/Video Scout (VS)
Re-Wing: Endurance/Payload
POP-300D Payload: Laser Designator
Weaponization

F/A-18C/D



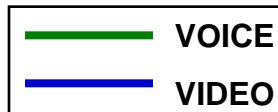
AH-1W



LITENING POD – Video Link to Rover/VS
BRU-55: Dual carriage of smart weapons
BLU-126 Low Collateral (GBU-38v4/GBU-51)
Forward Air Controller (Airborne) capable
Multifunctional Information Distribution System (MIDS)
Direct Attack Moving Target Capability

Hellfire, unguided rockets
Forward Air Controller (Airborne) capable
Tactical Video Data Link (TVDL)
Advanced Precision Kill
Weapon System II (APKWS II)

Air Defense System Integrator (ADSI)
Blue Force Tracker (BFT)
StrikeLink





Questions/Discussion

MARINE AVIATION



Engaged in the Current Fight - Modernizing the Force