Agenda

• Big Picture State-of-Play

• USMC Force Development

• ARV Vision Primer

LtGen Robert S. Walsh

Commanding General, Marine Corps Combat Development Command

Deputy Commandant, Combat Development and Integration

Jan 9, 2018
The Marine Corps is not organized, trained and equipped to meet the demands of a future operating environment characterized by complex terrain, technology proliferation, information warfare, the need to shield and exploit signatures, and an increasingly non-permissive maritime domain.
**Larger View of USMC Force Development**

1. Integrate Naval Force to Fight At and From the Sea
2. Evolve the MAGTF
3. Operate With Resilience in a Contested-Network
4. Enhance Maneuver
5. Exploit the Competence of Marine

Full-Spectrum IW:
- C2, Intel, Cyber, Networks, EW, Space, Deception, Op Sec, Info Management, MISO

**DC 1**

**GCTVS**
- ACV
- JLTV
- ARV
- AAV SUP/SI
- LAV MOD / ATM

**MIG**

Agile Distributed C2
- NOTM – Mesh Net

**SD 2025**

**MCF 2025**

**V35 / Squad X / MUM-T**

**ANTX 2017**

**POM WG**

**LRF**

**SPR**

**UxS**

**Distributed Ops Logistics/Power**

**Integrated Interoperable**

**IOC**

**Quads Squads**

**Close Combat**
**F35 5th Generation Analogy**

- **C2**: Networked, joint, resilient C4I suite
- **Sensors**: Enhance and extend reach (UAS/UGS)
- **EW**: Networked, multi-functional, SIGMAN
- **Fires**: Neutralize threats at range
- **Active and Passive Protection**: Sense, orient, classify, track, defeat

**Way Ahead**

- FY18 to FY21: 4 Year S&T ... “Now is the time” to open our thinking aperture
- Includes “novel” concepts ... Edwards / Mumme / Leach
- S&T LOOs 1) Advanced Components 2) Tech Demo (Base Vehicle & Art of Possible)
“They should be asking why the richest nation on Earth could not have done more to help this small infantry unit spot the enemy ambush from the air and defeat them with overwhelming killing power. For Giunta's sake, please: No more fair fights.”

What We Owe Americans Who Fight
By: Robert H. Scales, Paul Van Riper
The Washington Post, Nov 19, 2010