| <b>UNMANNED AIRCRAFT SYSTEMS West</b> |   |   |  |
|---------------------------------------|---|---|--|
| <b>TRIS</b><br>DAY ON                 | <b>Symposium Agenda - San D</b><br>E: WEDNESDAY, MARCH 2, 2016  | Diego, CA<br>DISCUSSION   |  |
| 9:00-9:10                             | Administrative Announcements  |   |  |
| 9:10-9:40                             | KEYNOTE<br>VADM MIKE SHOEMAKER, US NAVY, Commander,<br>Naval Air Forces & Commander, Naval Air Force US<br>Pacific Fleet  | "Naval Air Force U.S. Pacific Fleet<br>UAS Plans & Programs for<br>Maritime Security"                 |  |
| 9:40-10:10                            | MR. THOMAS BAKER, Director, UAS and Counter UAS<br>Initiatives, First Air Force/NORAD Continental Region  | "Counter UAS Plans, Programs<br>and Future and Requirements"  |  |
| 10:10-10:40                           | <b>CDR, (USN ret) CHRIS "PYRO" FIITZGERALD, USN,</b><br><i>Commander Naval Air Forces Pacific, N809A,</i><br><i>(COMNAVAIRFOR, CNAF), UAS Requirements</i>                            | <b>"UAS Update &amp; Overview from the NAVY's TYCOM"</b>  |  |
| 10:40-11:10                           | Refreshment Break   |   |  |
| 11:10-11:40                           | Lt COL MICHAEL "SNIPER" BEAVIN, USAF, Chief, J2<br>Collection Management Div., ISR Directorate, SOUTHCOM  | "Perspective on Roles for RPA in the SOUTHCOM ISR Mission"  |  |
| 11:40-12:10                           | <b>MR. BOB POOR,</b> <i>Principal Engineer, Air &amp; Sea</i><br>Integration, Carrier and Air Integration Program Office  | "PEO C4I Integration Initiatives to<br>Improve (SoS) Operability"                                     |  |
| 12:10-12:40                           | <b>LTC TRAVIS HABHAB, USA,</b> Commander, 1-1 Attack<br>Reconnaissance Battalion, "GUNFIGHTERS'   | "Conducting Split-Based Ops in a<br>Combat Environment"   |  |
| 12:40-1:40                            | Lunch Break   |   |  |
| 1:40-2:10                             | <b>CAPT TED VENABLE, (USN ret),</b> <i>CNT/UAS Program</i><br><i>Manager at Commander, U.S. Naval Forces South &amp;</i><br><i>CDR, U.S. 4th Fleet Counter Illicit Trafficking PM</i> | <b>"U.S. Fourth Fleet Update -<br/>Theater of Innovation and UAS in<br/>the Maritime Environment"</b> |  |
| 2:10-2:40                             | <b>COL PAUL CRAVEY, USA,</b> <i>Director, TRADOC</i><br><i>Capabilities Manager, UAS, U.S. Army Aviation CoE</i>  | "Army TRADOC - UAS<br>Mission Needs, & Requirements"  |  |
| 2:40-3:10                             | <b>BRIG GEN (USAF ret), AL PALMER,</b> Director,<br>University of N. Dakota Aerospace, UAS CoE  | "UND UAS Training & Emerging<br>Plans & Programs"   |  |
| 3:10-3:40                             | Refreshment Break   |   |  |
| 3:40-4:10                             | MR. MARK FARRAR, Director, of Training, U.S. Army<br>UAS Training Center, 2-13 Aviation Regiment  | "Army UAS Training Plans,<br>Programs, and Requirements"  |  |
| 4:10-4:40                             | <b>MR. MARTY ROGERS</b> , Business Dir., Alaska Center for UAS Integration; Deputy Dir., ASSURE FAA UAS CoE   | "UAS in the Arctic"   |  |
| 4:40-5:10                             | <b>MR. MIKE LYONS,</b> Global Hawk Business Development<br>Lead, Northrop Grumman Aerospace Systems   | "Global Hawk Plans & Programs"  |  |
| 5:10-5:40                             | <b>MR. MICHAEL BLADES</b> , Senior Industry Analyst,<br>Aerospace & Defense, Frost & Sullivan   | "NextGEN Armaments & Pay-<br>loads"   |  |
| 5:40-6:10                             | <b>Lt COLONEL JOHN ETHRIDGE,</b> Dir. of Operations,<br>432d Air Force Wing Support Squadron, Creech AFB  | "432d UAS Needs, Capabilities<br>and Requirements"  |  |
| 6:10                                  | END OF DAY 1  |   |  |





## **UNMANNED AIRCRAFT SYSTEMS West**



Symposium Agenda - San Diego, CA



## DAY TWO: THURSDAY, MARCH 3

DISCUSSION

| 9:00-9:10   | Administrative Announcements   |   |
|-------------|--|---|
| 9:10-9:40   | <b>MR. TIMOTHY SUTHERLAND</b> , Deputy Director,<br>National Air Security Operations Center, U.S. Customs<br>and Border Protection, CBP Air and Marine<br>Operations (NASOC-SV), DHS | "Custom and Border Patrol UAS<br>Program: The Way Forward for<br>Homeland Protection" |
| 9:40-10:10  | <b>LtCOL KAIN "CHEWIE" ANDERSON USMC,</b><br>Commanding Officer, Marine Unmanned Aerial Vehicle<br>Squadron 1 Marine Aircraft Group 13, 3rd Marine<br>Aircraft Wing                  | "Marine Aircraft Group 14<br>Perspective: UAS Needs<br>and Challenges"                |
| 10:10-10:40 | <b>COLONEL KEITH "LJB" WARD</b> , 163d Attack Wing,<br>Vice Commander, Air National Guard  | "163d Attack Wing, UAS Needs<br>and Requirements"                                     |
| 10:40-11:10 | <b>Refreshment Break</b>   |   |
| 11:10-11:40 | MR. MICHAEL WILSON, Aviation Safety Inspector,<br>Unmanned Aircraft Program Manager, Southern Region,<br>NextGen Branch, Federal Aviation Administration                             | <b>"FAA Update on Unmanned<br/>Aircraft Commercial Integration"</b>                   |
| 11:40-12:10 | <b>LtCOL Cory "LITE" NADDY, USAF,</b> Director, Global<br>Vigilance Combined Test Force, 418 Flight Test Squadron  | "RPA Test & Acquisition<br>Capabilities, Challenges & Future"                         |
| 12:10-12:40 | <b>MR. DOUG DAVIS,</b> Director, Office of Independent<br>Airworthiness, Northrop Grumman Engineering & Global<br>Product Development  | "RPAS Airspace Integration<br>Challenges for Air Navigation<br>Service Providers"     |
| 12:40-1:40  | Lunch Break  |   |
| 1:40-2:40   | <b>CDR BRANT BROCKETT, USN,</b> Space and Naval<br>Warfare Systems Command Systems Center Pacific  | "UxV Testing"   |
| 2:40-3:10   | <b>DR. KRISTIN HOLZWORTH,</b> Space and Naval<br>Warfare Systems Command Systems Center Pacific  | "Additive Manufacturing in the<br>Context of UxV Design and<br>Prototyping"           |
| 3:10-3:40   | MR. HOWARD PACE JR., Vice President, Space<br>Systems, ViaSat, Inc.  | "UAS Advanced Satellite<br>Communications"  |
| 3:40-4:00   | <b>Refreshment Break</b>   |   |
| 4:00-4:30   | <b>DR. VLADIMIR DJAPIC &amp; DR. ANTHONY JONES,</b><br>Co-Project Investigators, HAMMER Project, SPAWAR  | "Cooperative Tethered UAS—USV<br>Ops for MCM Data Exfiltration"                       |
| 4:30-5:00   | <b>MR. CHAD AMONN,</b> <i>Chief Executive Officer &amp; Co-Founder, INOVA DRONE</i>  | "sUAS Capabilities, Plans<br>and Programs"  |
| 5:00        | Closing Comments & Adiournment   |   |

**Closing Comments & Adjournment** 



