

THE 4TH ANNUAL
DefenseNews
CONFERENCE

THE MOST SOUGHT AFTER **DEFENSE EVENT** OF THE YEAR

PROGRAM BOOK

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Leading The Situational Awareness Revolution

TOMORROW'S WORLD ORDER AMID GREAT-POWER COMPETITION

Six months ago, at a trade show in San Diego, I watched as organizers kicked off on the opening session in a giant exhibition hall. It feels like a lifetime ago.

Bob Work, the moderator and former deputy secretary of defense, passed around hand sanitizer to start the first session. Signs encouraging hand washing warned of the coronavirus. Almost no one was wearing a mask and the conference, and its sessions, were largely the same as in other years.

Now, six months later, almost everything has changed, and we've accepted a new normal.

Workflows are different. Telework is here. It's not yet safe to have gatherings like we've had in the past.

But the threats to national security, we are told, remain the same. It is a constant. And it can be hard to keep an eye on the long term when the short term feels somewhere on a range from tenuous to disrupted.

The most forward-looking planners are acting as if the way we're operating today is the way we will be operating for months or longer. We're being asked to measure and accept risks.

And so we're holding the Defense News conference almost as we would any other year, except in the virtual format. Over the next two days we're going to talk to some of the Defense Department's top officials about what happens next, what's changed and what hasn't.

How do military officials make sure they have right the tools? How do they know have the right equipment? How can the United States military stay ahead in missile defense and space? How can leaders stay one step of ahead of reportedly ambitious plans from China and Russia? What are the priority investments for NATO? And, quite simply, how do they spend money smartly?

These are the questions we would want answered in any year and like in the past, we're being asked how they assess and balance risk.

There are no easy answers, but we should have a clear path forward, despite, as we've learned firsthand the unexpected variances that everyday life can bring.

Mike Gruss
Executive Editor
Defense News, C4ISRNET



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AGENDA - DAY 1

- 8:15AM – 8:20AM** **WELCOME REMARKS**
- 8:20AM – 8:28AM** **INDUSTRY FIRESIDE CHAT**
Gen. Frank Gorenc, Executive Advisor, *General Atomics Aeronautical*
- 8:31AM – 9:09AM** **SECURING EUROPE: NATO AND ALLIED DEFENSE PRIORITIES ACROSS MULTIPLE DOMAINS**
The Pentagon's new Trusted Capital Marketplace program for small unmanned aerial systems is underway. This panel will discuss what it takes to stand up a new domestic drone market, how the military can use unmanned vehicles and what lessons the Pentagon is learning from the existing market.
Camille Grand, Assistant Secretary General for Defence Investment, *NATO*
Gregory M. Kausner, Executive Director, International Cooperation, *OSD(A&S)*
Dr. Karl-Heinz Kamp, President, *Federal Academy for Security Policy, Berlin*
Moderator: Sebastian Sprenger, Editor, Europe, *Defense News*
- 9:12AM - 9:20AM** **INDUSTRY FIRESIDE CHAT**
- 9:23AM - 9:53AM** **MILITARY SPACE: LEVERAGING THE FINAL FRONTIER**
The emergence of an official Space Force in December 2019 paved the road for what will increasingly become the most contested domain of warfare. Satellite communications and anti satellite capabilities, as well as new 'space weapons,' are all increasingly critical to military development among the US and allies – as well as adversaries. This panel will examine the latest in priorities for investment in the space domain, and how a new command, with industry, the Air Force, and the other defense services, will work cooperatively to enable space Dominance.
Maj. Gen. William Liquori, Director of Strategic Requirements, Architectures and Analysis, *Headquarters United States Space Force*
Moderator: Nathan Strout, Space, Unmanned and Intelligence Systems Reporter, *Defense News*
- 9:54AM - 10:02AM** **INDUSTRY FIRESIDE CHAT**
- 10:05AM - 10:35AM** **RETHINKING CONFLICT AT SEA**
Near-peer adversaries are exploiting blind spots and using non-traditional approaches to counter previously traditional strategies. Perhaps nowhere is this challenge more acute than in the naval domain. What can the United States and its allies do to combat grey zone threats and advances in seas across the world? How should militaries rethink their investments in platforms, hardware and IT and finally, how could these investments and change in strategy lead to advantages in the future?
Lt. Gen. Michael Plehn, Military Deputy Commander, *U.S. Southern Command*
Moderator: David Larter, Naval Warfare Reporter, *Defense News*
- 10:38AM - 11:08AM** **KEYNOTE FIRESIDE CHAT**
Rep. William "Mac" Thornberry, Ranking Member, *House Armed Services Committee (R-TX)*
- 11:10AM – 11:30AM** **KEYNOTE**
The Hon. Ellen M. Lord, Under Secretary of Defense for Acquisition and Sustainment, *DoD*
- 11:30AM - 11:35AM** **DAY 1 CLOSING REMARKS**

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5G Ultra Wideband available only in parts of select cities. © 2020 Verizon.

AGENDA - DAY 2

8:25AM – 8:30AM **DAY 2 WELCOME REMARKS**

8:30AM - 8:38AM **INDUSTRY FIRESIDE CHAT**

8:41AM – 9:11AM **GLOBAL AEROSPACE COMPETITIONS:
A LOOK AT WARFARE IN THE 21ST CENTURY**

While the U.S. military and some allies are pondering the best approach to air dominance, others are moving forward with ambitious acquisition plans. Teams throughout Europe are looking at the best way to move forward on next-gen future combat aircraft. Advanced unmanned technologies and other next-gen systems also open up new possibilities for what warfighters need, and how industry can deliver these new and unconventional capabilities. This panel will explore emerging requirements in the United States and its allies, and what to expect in the air domain of tomorrow.

Brig. Gen. Walter T. Rugen, Director Future Vertical Lift Cross Functional Team, *U.S. Army Futures Command*

Heidi Grant, Director, *Defense Technology Security Administration*

Moderator: Valerie Insinna, Air Warfare Reporter, *Defense News*

9:14AM - 9:22AM **INDUSTRY FIRESIDE CHAT**

Dr. Tim Barton, Dynetics Group CTO, *Leidos*

9:25AM - 9:55AM **THE NEXT PHASE OF MODERNIZATION TACTICS AND STRATEGIES FOR THE DOD**

From prototyping efforts from the Army Futures Command to experiments and rapid development tactics at the Air Force, new approaches to modernization are taking shape across the Department of Defense to leverage the best of what industry has to offer and ensure advanced technologies can filter more quickly to the war fighter. This panel will examine some of the most ambitious modernization efforts underway by the services – not only in terms of the promised capabilities, but the methods used to get there.

Gen John M. Murray, Commanding General, *U.S. Army Futures Command*

Lt. Gen. Clinton Hinote, Deputy Chief of Staff for Strategy, Integration and Requirements, *Headquarters, U.S. Air Force*

Moderator: Jen Judson, Land Warfare Reporter, *Defense News*

9:58AM - 10:06AM **INDUSTRY FIRESIDE CHAT**

Kenn Todorv, Vice President and General Manager, Combat Systems and Mission Readiness, *Northrop Grumman*

10:09AM - 10:39AM **MISSILE DEFENSE 2030: BALANCING TODAY'S NEEDS
WITH TOMORROW'S DEMANDS**

Perhaps no segment of defense is quite as globally entwined as missile defense, with threats posed by the most aggressive of adversaries driving investment decisions across domains by the U.S. and Europe, and all but demanding system integration allies and industry players. And yet there have been fits and starts as allies try to decide what takes precedent – investment in modernization of traditional missile defense capabilities, or investment in future tech to not just keep pace but outmatch advancements happening in North Korea, Russia and China. This panel will examine that very dynamic – the balancing of today's requirements against tomorrow's demands – and how the U.S. and allies are sharing the burden of one of the most critical pillars of global security.

The Hon. James Anderson, Acting Under Secretary of Defense for Policy, *DoD*

Vice Adm. Jon Hill Director, Missile Defense Agency, *DoD*

LtG Daniel Karbler, Commanding General, *USASMDC U.S. Southern Command*

Moderator: Jen Judson, *Defense News*

AGENDA - DAY 2

9:58AM - 10:06AM

INDUSTRY FIRESIDE CHAT

Junaid Islam, Director of Public Sector Solutions, *Verizon*

10:53AM - 11:23AM

NEAR PEER COMPETITION: ADDRESSING ADVANCEMENTS IN AI, UNMANNED AND OTHER NEXT-GEN TECHNOLOGIES

The battle is on: As China and Russia continue to advance their capabilities in artificial intelligence, unmanned technologies, and other next-gen technologies that will shape the future battlefield, the U.S. and allies are prioritizing investments and tactics to remain ahead. Who will dominate? And how can democracies of the west excel against totalitarian governments that wield more control over commercial development? This panel will examine the state of play for the most critical and advanced technologies of modern warfare.

Dr. Mark Lewis, Acting Deputy Under Secretary of Defense for Research and Engineering and Director of Defense Research and Engineering for Modernization

Moderator: Joe Gould, *Defense News*

11:26AM - 11:56AM

GOVERNMENT FIRESIDE CHAT

The Hon. David Norquist, Deputy Secretary of Defense, *DoD*

11:56AM - 12:01PM

CLOSING REMARKS



**It's impossible
to connect the
joint force as one.**



— Until it's not. —

NGI
NORTHROP GRUMMAN

KEYNOTE



**REP. WILLIAM
"MAC" THORNBERRY**
Ranking Member,
*House Armed Services
Committee (R-TX)*

KEYNOTE



**THE HON. ELLEN
M. LORD**
Under Secretary of
Defense for Acquisition
and Sustainment, *DoD*

KEYNOTE



**THE HON. DAVID
NORQUIST**
Deputy Secretary
of Defense, *DoD*



**THE HON. JAMES
ANDERSON**
Acting Under Secretary
of Defense for Policy, *DoD*



DR. MARK J. LEWIS
Acting DUSD(R&E) and
Director of Defense Research
and Engineering for
Modernization, *DoD*



GREGORY M. KAUSNER
Executive Director,
International Cooperation,
OUSD(A&S)



GEN JOHN M. MURRAY
Commanding General,
*U.S. Army Futures
Command*



HEIDI H. GRANT
Director,
*Defense Security
Cooperation Agency*



LTG DANIEL KARBLER
Commanding General,
USASMDC



VICE ADM. JON HILL
Director, Missile Defense
Agency, *DoD*



LT. GEN. CLINTON HINOTE
Deputy Chief of Staff
for Strategy, Integration
and Requirements,
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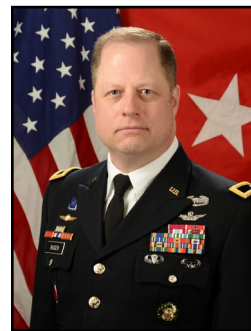
**MAJ. GEN.
WILLIAM LIQUORI**

Director of Strategic Requirements, Architectures and Analysis, Headquarters U.S. Space Force



**LT. GEN.
MICHAEL PLEHN**

Military Deputy Commander, U.S. Southern Command



**BRIG. GEN.
WALTER T. RUGEN**

Director Future Vertical Lift Cross Functional Team, U.S. Army Futures Command



CAMILLE GRAND

Assistant Secretary General for Defence Investment, NATO



DR. KARL-HEINZ KAMP

Special Envoy of the Political Director, German Ministry of Defense



GEN. FRANK GORENC

Executive Advisor, General Atomics Aeronautical



KENN TODOROV

Vice President and General Manager, Combat Systems and Mission Readiness, Northrop Grumman



JUNAID ISLAM

Director of Public Sector Solutions, Verizon



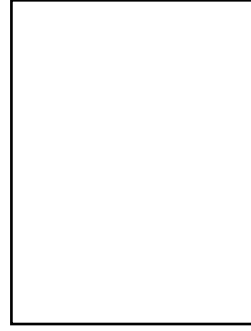
DR. TIM BARTON

Dynetics Group CTO, Leidos



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MODERATORS



**SEBASTIAN
SPRENGER**
Editor, Europe,
Defense News



JEN JUDSON
Land Warfare Reporter,
Defense News



JOE GOULD
Congress Reporter,
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