SOCOM SMA Gray Zone Conversation Session V Booklet

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DR. ALLISON ASTORINO-COURTOIS

Dr. Allison Astorino-Courtois is Executive Vice President at NSI, Inc. She also served as co-chair of a National Academy of Sciences (NAS) study on US Strategic Deterrence Capabilities in the 21st Century and as a section lead on a Congressionally-mandated NAS study of Space Deterrence and Protection. Over the past five years Dr. Astorino-Courtois has worked as technical lead on a variety of rapid turn-around, Joint Staff-directed Strategic Multi-layer Assessment projects in support of US forces and nearly all US Combatant Commands, In addition, she has developed numerous conceptual models for those projects, including a Stability Model (StaM) for assessing the stability and instability dynamics of a state, sub-state, city or organization by integrating political, economic and social factors; a Longevity Model for measuring and explaining the durability of organizations such as Da'esh,; and, a means of measuring actor intent, resolve/will and relevant capability to forecast the likely futures of the Persian Gulf or other regions.

Previously, Dr. Astorino-Courtois was a Senior Analyst at SAIC (2004-2007) where she served as a STRATCOM liaison to U.S. and international academic and business. Prior to SAIC, Dr. Astorino-Courtois was a tenured Associate Professor of International Relations at Texas A&M University in College Station, TX (1994-2003) where her research focused on the cognitive aspects of foreign policy decision making. She has also taught at Creighton University and as a visiting instructor at the U.S. Military Academy at West Point. She has received a number of academic grants and awards and has published articles in multiple peer-reviewed journals. Dr. Astorino-Courtois also has the distinction of having been awarded both a US Navy Meritorious Service Award and a US Army Commander's Award.

Dr. Astorino-Courtois earned her Ph.D. in International Relations and MA in and Research Methods from New York University and a BA is in political science from Boston College.

DR. DIANE DIEULIIS

Dr. Diane DiEuliis is a Senior Research fellow at National Defense University. Her research areas focus on emerging biological technologies, biodefense, and preparedness for biothreats. Dr. DiEuliis also studies issues related to dual use research, disaster recovery research, and behavioral, cognitive, and social science as it relates to important aspects of deterrence and preparedness.

Prior to joining NDU, Dr. DiEuliis was the Deputy Director for Policy, (and served as Acting Deputy Assistant Secretary for Policy and Planning) in the Office of the Assistant Secretary for Preparedness and Response (ASPR), U.S. Department of Health and Human Services. While there, she coordinated policy in support of domestic and international health emergency preparedness and response activities, including implementation of the Pandemic All-Hazards Preparedness Act, the National Health Security Strategy, and the Public Health Emergency Medical Countermeasures Enterprise (PHEMCE).

From to 2007 to 2011, Dr. DiEuliis was the Assistant Director for Life Sciences and Behavioral and Social Sciences in the Office of Science and Technology Policy (OSTP) in the Executive Office of the President. During her tenure at the White House, she was responsible for developing policy in areas such as biosecurity, synthetic biology, social and behavioral science, scientific collections, ethics, STEM education, and biotechnology. Dr. DiEuliis also worked to help coordinate agency response to public health issues such as the H1N1 flu.

Prior to working at OSTP, Dr. DiEuliis was a program director at the National Institutes of Health (NIH), where she managed a diverse portfolio of neuroscience research in neurodegenerative diseases. She completed a fellowship at the University of Pennsylvania in the Center for Neurodegenerative Disease Research, and completed her postdoctoral research in the NIH Intramural research program, where she focused on cellular and molecular neuroscience.

Dr. DiEuliis has a Ph.D. in biology from the University of Delaware, in Newark, Delaware.

DR. DANA EYRE

Dr. Eyre is a sociologist specializing in the analysis, planning, coordination, and evaluation of social change and strategic communications activities. He holds a PhD in sociology from Stanford University. A former infantry and civil affairs officer, he has been a faculty member at the US Naval Postgraduate School, George Mason University, the US Military Academy, and the Pearson Peacekeeping Centre in Canada. After working for the United Nations (in Kosovo) and the US Agency for International Development (in Iraq and Washington, DC), he held a Jennings-Randolph Senior Fellowship at the United States Institute of Peace. His project experience ranges from the Balkans to Afghanistan to Papua New Guinea and he has supported peace building and counter-radicalization projects for Somalia, Pakistan, and the wider Middle East. At SOSA, he leads efforts to apply advanced analytical techniques to understanding and effective action in human domain problems.

MR. MARK HOFFMAN

Mr. Mark A. Hoffman is the manager for the Model Based Reasoning Group at Lockheed Martin Advanced Technology Laboratory. He has over 30 years of experience specializing in the development and management of advanced concepts and systems that incorporate state of the art information technology and analytics into revolutionary Avionics, Transportation, Logistics, Intelligence Analysis, and Decision Support systems.

Mr. Hoffman has been the Program Manager and Principle investigator for more than 30 DARPA, IARPA, and Service Lab programs and projects. This includes that DARPA Integrated Crises Early Warning System (ICEWS) demonstrating social science analytics and forecasting of worldwide unrest events. These capabilities represent the first successful transition of computational social science to a DOD Program of Record. He was also the Principle Investigator for the DARPA Genoa Crisis-Net Program, and was responsible for the development of the Dynamic Analysis and Replanning Tool for USTRANSCOM for visualizing and managing troop deployments during Desert Shield and the Joint Planning Tool, an air campaign planning tool to implement a revolutionary effects based-operations metaphor based on Gulf War experience.

Mr. Hoffman has authored over 20 scientific peer-reviewed conference papers and publications, and three book chapters. He is co-editor of the Cross Cultural Decision Making Conference and a member of the 2016 Defense Science Board Summer Study Panel on Constrained Military Operations.

Mr. Hoffman has a B.S. in Computer Science and Numerical Analysis from the University of Washington and an M.S. in Computer Science from Rensselaer Polytechnic Institute. He is a member of ACM, IEEE, AFCEA, AFHE, and AUVSI.

DR. HUNTER HUSTUS
Hunter Hustus is technical advisor to the assistant chief of staff, strategic deterrence & nuclear integration at headquarters US Air Force. He was previously a foreign policy and congressional affairs advisor to US Air Forces in Europe. On active duty, he served as a B-52 electronic warfare officer and NATO staff officer. He is a PhD candidate at Northeastern University in Boston.

CAPTAIN PHIL KAPUSTA

CAPT Phil Kapusta was born and raised in Northern Virginia. He graduated from the U.S. Naval Academy with merit in 1992.

After completing Basic Underwater Demolition/SEAL (BUD/S) training with Class 186 in Coronado, California, he reported to SEAL Team TWO in Little Creek, Virginia in 1993. He served as Assistant Officer-in-Charge (AOIC) of two platoons before transferring to SEAL Team EIGHT in 1996.

At SEAL Team EIGHT, CAPT Kapusta served as Officer-in-Charge (OIC) of a SEAL Platoon and then as Assistant Operations Officer.

Following this tour, CAPT Kapusta earned his MS degree from the Naval Postgraduate School in Leadership and Human Resource Development. From 1999-2001, he returned to the Naval Academy and was the 16th Company Officer.

From 2001 to 2003, he served at Special Operations Command Central (SOCCENT) in the Joint Planning Group (JPG). Following his time at SOCCENT, CAPT Kapusta served as the OIC of Naval Special Warfare Center, Detachment Little Creek (NSWCDLC) from 2003-2005.

From 2005 to 2007, he attended the Command and General Staff College (CGSC) and the School of Advanced Military Studies (SAMS) at Fort Leavenworth, Kansas. While there, he also earned an EMBA from Benedictine College.

After graduating from SAMS, CAPT Kapusta served as the J5 Chief of Strategic Plans at SOCCENT from 2007-2009.

CAPT Kapusta worked at the US Special Operations Command (USSOCOM) in J-51 (Special Plans) in 2009 before being selected for command for Provincial Reconstruction Team, Ghazni, Afghanistan. He served as the CO of PRT Ghazni from 2009-2010.

He is currently assigned to the USSOCOM J-5 as a strategic planner.

CAPT Kapusta and his wife Michelle live in the Tampa area, and they have three young sons, Vincente, Antonio and Joseph.

DR. MARTIN LIBICKI
(Ph.D., U.C. Berkeley 1978) holds the Richard Keyser Distinguished Professor of Cyber Studies at the U.S. Naval Academy. He wrote three commercially published books, Cyberspace in War and Peace (USNI Press, forthcoming autumn 2016), Conquest in Cyberspace: National Security and Information Warfare (2007), and Information Technology Standards: Quest for the Common Byte (1994). As senior management scientist at RAND (1998-2016) he wrote numerous monographs, notably Defender's Dilemma, Brandishing Cyberattack Capabilities, Crisis and Escalation in Cyberspace, Global Demographic Change and its Implications for Military Power, Cyberdeterrence and Cyberwar, How Insurgencies End (with Ben Connable), and How Terrorist Groups End (with Seth Jones). Earlier employment includes adjunct professorships at Columbia University and Georgetown University, 12 years at the National Defense University, three years on the Navy Staff as program sponsor for industrial preparedness, and three years for the GAO.

MR. GARY E. PHILIPS

Mr. Gary E. Phillips was selected as a Defense Intelligence Senior Level in April of 2009. He serves as the Assistant TRADOC G-2 at Fort Leavenworth/TRADOC G-2 Intelligence Support Activity (TRISA). TRISA is responsible for providing and integrating threat and operational environment (OE) materials into leader development, education, training, and capabilities development for Army. Mr. Phillips also provides direction and oversight for training of Human Terrain System teams; the education and training of U.S. Army's decision support and threat emulation red teams; and the research of foreign perspectives on international security issues. He ensures that these efforts are mutually supportive of the Defense Intelligence Enterprise and satisfy Army and Joint objectives.

CAREER CHRONOLOGY:
• 	April 2009: Director, TRADOC G2 Intelligence Support Activity (TRISA)
• 	July 2001 – April 2009: Assistant Deputy Chief of Staff for Intelligence G2 – Threats
• 	March 1999 – May 2001: Commander, National Ground Intelligence Center (NGIC)
• 	May 1998 – March 1999: Commander, World Class OPFOR, Battle Command Training Program
• 	June 1993 – December 1995: Commander, 104th Military Intelligence Battalion, 4th Infantry Division
• 	April 1992-June 1993: Senior Intelligence Observer/Controller, Battle Command Training Program

COLLEGE:
• 	Master of Military Arts and Science (MMAS), School of Advanced Military Studies, Fort Leavenworth, Kansas, 66027 (1996)
• 	Master of Arts (MA) Business Administration (Central Michigan University)(Institute for Personal Development (IPCD) Fort Meade, Maryland (1982)
• 	Bachelor of Arts (BS) Major: Sociology, Minors: German/Religion (University of Southern Mississippi, Hattiesburg, Mississippi) (1974)

SIGNIFICANT TRAINING:
• 	Advanced Operational Art and Sciences Fellowship (Fort Leavenworth Army War College Fellowship, Fort Leavenworth, Kansas 66027) (1994-1996)
• 	Operations Research and Systems Analysis Military Applications Course (ORSA MAC) (Honor Graduate), Fort Lee, Virginia (1985)
• 	National Cryptologic School (1200 hours of electrical engineering, signals and intelligence analysis course work – JOCCP curriculum), Fort Meade, Maryland (1979-1982)

CERTIFICATIONS:
• 	NSA Professionalization as a Traffic Analyst (1982)

AWARDS AND HONORS:
• 	Legion of Merit
• 	Bronze Star Medal
• 	Meritorious Service Medal (6th Oak Leaf Cluster)
• 	Joint Service Commendation Medal
• 	Army Commendation Medal (4th Oak Leaf Cluster)
• 	Saudi Arabian – Kuwaiti Liberation Medal
• 	Southwest Asia Service Medal
• 	Army of Occupation Medal (Berlin)
• 	Deustche Fallschrimjaeger Badge

MR. JAY ROUSE

Jay Rouse is a senior strategist supporting the Joint Staff in the J5 Strategy Development Division. His major duties involve the Joint Strategic Planning System (JSPS), Joint Strategy Review (JSR) Process, Chairman's Risk Assessment (CRA) and conducting time-sensitive analysis of strategic issues. His strategic analysis has informed numerous major national security decisions, including significant strategy adjustments, force posture and defense modernization decisions. A 23 year Army veteran, he served in a variety of command and staff positions in the United States, Europe, and the Middle East with key strategic planning tours on the Army Staff and Joint Staff. He has been involved in the development of many major strategy documents, including multiple Quadrennial Defense Reviews, National Military Strategies, and Chairman's Risk Assessments (CRA). He is airborne, air assault, and RANGER qualified. Mr. Rouse holds a BA in Political Science from Siena College and a MPA from Canisius College, in addition to Masters in Strategic Studies from the U.S Army War College. Among his professional affiliations, he is a member of the International Society for Risk Analysis (SRA), a peer reviewer for its journal and frequent speaker at SRA's national conference. He is a nationally certified soccer coach and resides in Springfield, Virginia with his wife and three girls.

LT COL DAVID SEITZ

Lt Col Dave Seitz is assigned to the Joint Staff, J7, Joint Professional Military Education Division as a policy planner. He enlisted in the US Air Force in 1987 and served 10 years as an enlisted aircrew member on before receiving his commission via Officer Training School in 1997. Before his assignment to the Air Staff in 2011, Dave served multiple assignments as an aircraft maintenance officer with experience on A-10, F-15, F-16, F-22, and F-35 aircraft. Dave is a graduate of the US Army Command and General Staff College and the National War College. He's married to his wife of 28 years, Jo. They have two children, David (26) is a Petty Officer in the US Navy and Stephanie (20) is a history major at Radford University.

MR. ROBERT WARBURG

COL(Ret) Robert A. Warburg retired on 01 Oct 2014 after 30 years of service. He is currently the Director, G-9, (Concepts, Experimentation, Science and Technology and Capability Integration and Analysis Directorate's) at the U.S. Army Special Operations Command (USASOC), Fort Bragg, North Carolina. The G-9 Directorate manages the future direction of the command through the Silent Quest Wargame Platform, the USASOC Campaign of Learning Program and the USASOC Futures Forum.

COL(Ret) Warburg served in a variety of leadership positions; from Platoon Leader through Brigade Commander and Army Staff positions ranging from Battalion Operations Officer through Assistant Chief of Staff, G3, of the U.S. Army Special Forces Command (Airborne), headquartered at Fort Bragg, North Carolina. He was fortunate to command 1st Battalion, 10th Special Forces Group (Airborne) from 2002-2004.

From 2007 through 2009, he served as the Director of Operations for Special Operations Command - Europe in Stuttgart, Germany. In June 2009, he assumed command of the 188th Infantry Brigade, part of the First Army Division East, at Fort Stewart, Georgia. COL(Ret) Warburg returned to Fort Bragg in 2011 to serve as the Chief of Staff for the U.S. Army John F. Kennedy Special Warfare Center and School. From July 2012 to June 2014, COL(Ret) Warburg served as the commander of the Military Information Support Operations Command (Airborne), also headquartered at Fort Bragg.

He received the Distinguished Honor Graduate and the William O. Darby Award for U.S. Army Ranger School, Class 05-1992. At his retirement, he received the Distinguished Service Medal from LTG Charles T. Cleveland, the Commanding General of the United States Army Special Operations Command.

DR. NICHOLAS D. WRIGHT

Wright is an Associate in the Nuclear Policy Program at the Carnegie Endowment for International Peace in Washington DC where he works on neuroscientific perspectives on nuclear decision-making. His work combines experience from two fields. In the policy sphere, Wright was a Visiting Fellow in the Department of Government at the London School of Economics, and also organised high-level public policy workshops and events in the UK. In addition, Wright is trained in neuroscience and biology. He worked clinically as a neurologist in Oxford and at the National Hospital for Neurology in London, and subsequently spent five years using technologies like functional brain imaging to examine economic and political phenomena, conducted as a Fellow at the Wellcome Trust Centre for Neuroimaging at University College London (UCL). He received a medical degree from UCL, a BSc in Health Policy from Imperial College London, has Membership of the Royal College of Physicians (UK), has an MSc in Neuroscience and a PhD in Neuroscience both from UCL.