



中国海事研究所
China Maritime Studies Institute

CHINA'S EVOLVING SURFACE FLEET

1-2 MAY 2013

U.S. NAVAL WAR COLLEGE
NEWPORT, R.I.

中国不断发展的水面舰队



CONFERENCE OVERVIEW

The annual conference of the China Maritime Studies Institute (CMSI) is a key function of the institute and has the aim of stimulating focused research on Chinese maritime development.

This will be the ninth annual conference to be hosted by the U.S. Naval War College's (NWC) China Maritime Studies Institute (CMSI) and will focus on the CNO-directed topic: China's surface capabilities and strategic implications. The topic is a logical progression from the past two annual conferences (China's Strategy for the Near Seas / China's Far Seas Operations) and supports the core research efforts of CMSI and affiliated DoD organizations (OPNAV, ONI, etc.).

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PROGRAM OF EVENTS

Wednesday, 1 May (Civilian-business /Military-Summer Whites or service equivalent)

- 7:30 a.m. **Transportation to U.S. Naval War College from Hotel Viking**
- 7:45 **Registration and Light Refreshments/Coffee – McCarty Little Hall (MLH) Café**
- 8:30 **Welcoming Remarks**
Rear Admiral John N. Christenson, U.S. Navy, President, U.S. Naval War College
- China Maritime Studies Institute Update**
Professor Peter Dutton, Director, China Maritime Studies Institute, U.S. Naval War College
- 9:00 **Opening Address**
Evolving Roles, Missions, and Functions of the PLAN Surface Fleet
Mr. Jesse L. Karotkin, Senior Intelligence Officer for China, Office of Naval Intelligence
Moderator: Captain James Malloy, U.S. Navy, Assistant Deputy Director, Strategic Plans & Policy (J5), Politico-Military Affairs, Asia
- 10:00 **Break**
- 10:15 **Panel 1: China’s Evolving Naval Surface Capacity**
♦ *Paper: China’s Evolving Major Surface Combatants*
Mrs. Kristen A. Gunness, Adjunct Fellow for China Affairs, RAND Corporation
♦ *Paper: China’s Advancing Amphibious Force and Missile Craft*
Mr. Dennis J. Blasko, Asian Analyst, China Security Affairs Group, Center for Naval Analyses
♦ *Paper: Arming the PLAN Surface Fleet*
Rear Admiral Michael A. McDevitt, U.S. Navy (Ret.), Senior Fellow, Strategic Studies, Center for Naval Analyses
♦ *Paper: Defending the Surface Fleet*
Mr. Daniel J. Kostecka, Senior China Analyst, Office of Naval Intelligence
Moderator: Mr. Abraham M. Denmark, Vice President for Political & Security Affairs, National Bureau of Asian Research
- 12:00 p.m. **Lunch**
- 1:30 **Panel 2: Organizing and Controlling China’s Surface Fleet**
♦ *Paper: PLAN Doctrinal Developments*
Dr. Nan Li, Associate Professor, China Maritime Studies Institute, U.S. Naval War College
♦ *Paper: PLAN Personnel Education and Training*
Mr. Kenneth W. Allen, Senior China Analyst, Defense Group Inc.
Mr. Morgan Clemens, Research Associate, Defense Group Inc.
♦ *Paper: PLAN Shipboard Organization*
Mr. Jay R. Rodgers, Senior China Analyst, Office of Naval Intelligence
♦ *Paper: PLAN Exercises, Training and Operational Proficiency*
Mr. Terry Kolb, Senior China Analyst, Office of Naval Intelligence
Moderator: Mr. Timothy R. Heath, PACOM China Strategic Focus Group
- 4:00 **Conference Address**
What Surface Fleet Developments Suggest about China’s Maritime Strategy
Dr. Bernard D. Cole, Professor of Maritime Strategy, National War College
Moderator: Commander Jonathan G. Odom, Judge Advocate General’s Corps, U.S. Navy, OSD-Global Strategic Affairs
- 5:00 **Closing Remarks for the Day**
- 5:15 **Transportation available to Hotel Viking**
- 6:00 **No-Host Cocktail Hour – Officers’ Club, Naval Station Newport**
- 7:00 **Conference Dinner – Officers’ Club Ball Room**
Keynote Address
Mr. David F. Helvey, Acting Deputy Assistant Secretary of Defense for East Asia
- 9:00 **Trolley departs Officers’ Club for Hotel Viking**

Thursday, 2 May (Civilian-business /Military-Summer Whites or service equivalent)

7:30 a.m. **Transportation to U.S. Naval War College from Hotel Viking**

7:45 **Light Refreshments/Coffee – MLH Café**

8:30 **Conference Addresses: International Views of China's Evolving Surface Fleet**

- ♦ Vice Admiral Yoji Koda, Japan Maritime Self Defense Force (Ret.), Former Chief of JMSDF
 - ♦ Admiral Sureesh Mehta, Indian Navy (Ret.), Former Chief of Naval Staff
 - ♦ Dr. Lee Willett, Head, Naval Desk and Editor, Jane's Navy International, IHS Jane's, United Kingdom
- Moderator: Dr. James Holmes, Strategy & Policy Department, U.S. Naval War College

10:00 **Break**

10:15 **Panel 3: Developments in China's Surface Fleet Support**

- ♦ *Paper: Logistical and Maintenance Support for the Surface Fleet*
Commander Dale C. Rielage, U.S. Navy, Special Assistant to CNO's Navy Asia Pacific Advisory Group
 - ♦ *Paper: Space-Based Support for the Surface Fleet*
Mr. Russell Hsiao, Senior Research Fellow, Project 2049 Institute
 - ♦ *Paper: Roles and Missions of the PLAN's Auxiliary Support Vessels*
Mr. Alexandre Sheldon-Duplaix, Senior China Researcher, Ecole Supérieure de Guerre
- Moderator: Mr. Joshua Hickey, Senior China Analyst, Office of Naval Intelligence

12:30 p.m. **Lunch**

1:45 **Panel 4: The Aircraft Carrier as a New Surface Fleet Element**

- ♦ *Paper: The Liaoning and China's Evolving Aircraft Carrier Program*
Dr. Andrew S. Erickson, Associate Professor, China Maritime Studies Institute, U.S. Naval War College
 - ♦ *Paper: Integrating China's Aircraft Carrier: Potential Roles for China's Aircraft Carriers*
Mr. Eric Pedersen, Deputy Senior Intel Officer for China, Office of Naval Intelligence
 - ♦ *Paper: Hurdles to Operational Effectiveness for the PLAN's Aircraft Carriers*
Professor Robert C. (Barney) Rubel, Dean, Center for Naval Warfare Studies, U.S. Naval War College
- Moderator: Mr. Paul S. Giarra, President, Global Strategies & Transformation

3:15 **Concluding Address**

Implications for the U.S. Navy of China's Evolving Surface Fleet

Mr. James H. Baker, Principal Deputy Director, Strategic Plans and Policy (J5)

Moderator: Professor Peter Dutton, Director, China Maritime Studies Institute, U.S. Naval War College

4:00 **Transportation departs for airport or Hotel Viking**

U.S. NAVAL WAR COLLEGE LEADERSHIP



REAR ADMIRAL JOHN N. CHRISTENSON, U.S. NAVY

President, U.S. Naval War College

Rear Adm. Christenson became the 53rd president of the U.S. Naval War College, March 30, 2011. The fourth of six sons of a Navy Skyraider pilot and a Navy nurse, he graduated from the U.S. Naval Academy in 1981.

At sea, he commanded USS McClusky (FFG 41); Destroyer Squadron 21 in USS John C. Stennis (CVN 74); and Carrier Strike Group 12, the USS Enterprise (CVN 65) Strike Group and most recently served as president, Board of Inspection and Survey. He also served as the anti-submarine warfare officer and main propulsion assistant aboard USS Cook (FF 1083); aide to commander, Cruiser Destroyer Group 1 in USS Long Beach (CGN 9); weapons officer aboard USS

Downes (FF 1070); Destroyer Squadron 21 combat systems officer in USS Nimitz (CVN 68); and, as executive officer aboard USS Harry W. Hill (DD 986). He deployed eight times on seven ships and twice in command of McClusky.

Ashore, he commanded the Surface Warfare Officers School in Newport, and as a new flag officer he served as commander, Naval Mine and Anti-submarine Warfare Command, Corpus Christi, Texas. He also served at the U.S. Naval Academy as a company officer, celestial navigation instructor, assistant varsity soccer coach and member of the admissions board; at Headquarters, United States Marine Corps in the Strategic Initiatives Group; on the Joint Staff, J5 and as executive assistant to the assistant chairman.

He graduated with distinction, and first in his class from the Naval War College, earning his Master's degree in National Security and Strategic Studies. He was also a Navy Federal Executive Fellow at the Fletcher School of Law and Diplomacy.

Christenson has been awarded the Defense Superior Service Medal, the Legion of Merit (five awards), the Meritorious Service Medal (two awards), the Navy and Marine Corps Commendation Medal (five awards) and the Navy and Marine Corps Achievement Medal.



AMBASSADOR (RET.) MARY ANN PETERS

Provost, U.S. Naval War College

Ambassador Mary Ann Peters became the fourth provost of the U.S. Naval War College on September 18, 2008. Previously, she was dean of academics of the College of International and Security Studies at the George C. Marshall European Center for Security Studies in Garmisch – Partenkirchen, Germany. Prior to becoming the dean of the college, Ambassador Peters served as associate director for international liaison at the Marshall Center.

Ambassador Peters spent more than 30 years as a career diplomat with the U.S. Department of State. From 2000 to 2003, Ambassador Peters served as the U.S. Ambassador to Bangladesh, leading the mission's efforts in support of the war on terrorism and other key U.S. foreign policy goals. She received a Presidential Meritorious Service Award in 2003 for her work in Bangladesh. Prior to her posting in Dhaka, Ambassador Peters was the deputy chief of mission at the United States Embassy in Ottawa, Canada, responsible for the management of the embassy and supervision of the six U.S. consulates general in Canada. From 1995 to 1997, Ambassador Peters served in the White House as Director for European and Canadian Affairs at the National Security Council. Among other portfolios in this position, Ambassador Peters worked on the diplomatic and security aspects of the search for peace in Northern Ireland. From 1993 to 1994, Ambassador Peters served as deputy assistant secretary of state with oversight responsibility for U.S. relations with 19 Western European countries and Canada. In this capacity she acted as the U.S. chair of the U.S. – Canada military coordination body, the Permanent Joint Board on Defense.

A senior diplomat, fluent in six foreign languages, Ambassador Peters has also served in Sofia, Bulgaria, as deputy chief of mission; in Moscow as economic counselor; and in Mandalay, Burma as principal officer. From 1988 to 1990, Ambassador Peters was the deputy director of the Office of Pakistan, Afghanistan and Bangladesh Affairs in the State Department. She began her career as a vice-consul in Frankfurt in 1975.

Ambassador Peters holds a Bachelor of Arts degree from Santa Clara University and a Master's in International Studies from the Johns Hopkins School of Advanced International Studies. Her formal education also included courses at the Institut d'Etudes Politiques in Paris.

Ambassador Peters is a member of the Council on Foreign Relations and Women in International Security.

CHINA MARITIME STUDIES INSTITUTE



PETER DUTTON

Director, China Maritime Studies Institute

Prof. Peter Dutton is a Professor of Strategic Studies and Director of the China Maritime Studies Institute at the U.S. Naval War College. Professor Dutton's current research focuses on American and Chinese views of sovereignty and international law of the sea and the strategic implications to the United States and the United States Navy of Chinese international law and policy choices. Selected recent publications include: *Military Activities in the EEZ: A U.S.-China Dialogue for Security in the Maritime Commons* (December 2010), *Caelum Libera: Air Defense Identification Zones Outside Sovereign Airspace* (*American Journal of International Law*, October 2009), *Charting a Course: US-China Cooperation at Sea* (*China Security*, April 2009), *Scouting, Signaling and Gate-Keeping: Chinese Naval Operations in Japanese Waters and the International Law Implications* (*China Maritime Studies Monograph*, April 2009), and *Carving Up the East China Sea* (*Naval War College Review*, Spring 2007). Additionally, Professor Dutton has testified before the U.S. China Economic and Security Review Commission on Chinese Perspectives on Sovereignty and Access Control (February 2008) and on the Implications of Chinese Naval Modernization (June 2009). Additionally, he testified before the Senate Foreign Relations Committee on Maritime Disputes and Sovereignty Issues in East Asia (July 2009). Professor Dutton also researches and lectures on topics related to international law of the sea issues in the East and South China Seas, East and Southeast Asia, the Arctic, the Proliferation Security Initiative, and Maritime Strategy. He is a retired Navy Judge Advocate and holds a Juris Doctor from the College of William and Mary, a Master's of Arts (with distinction) from Naval War College, and a Bachelor's of Science (cum laude) from Boston University.

KEYNOTE ADDRESS



DAVID F. HELVEY

Acting Deputy Assistant Secretary of Defense for East Asia

Mr. David F. Helvey is the Principal Director for East Asia in the Office of the Assistant Secretary of Defense for Asian and Pacific Security Affairs, East Asia (APSA/EA). Prior assignments in the Office of the Secretary of Defense include Country Director for China, and Director for China, Taiwan, and Mongolia, and Senior Advisor for China Policy and Integration.

From August 1998 to October 2004, Mr. Helvey was assigned to the Defense Intelligence Agency as a China military- political affairs analyst in the China Strategic Issues Division, Office of China and East Asia. From June 2003 to October 2004, Mr. Helvey served as DIA's Senior

Intelligence Analyst for China military political affairs. While assigned to DIA, Mr. Helvey performed tours in OSD/ISA and the Joint Staff J2 (Intelligence).

From September 1996 to August 1998, Mr. Helvey was employed as a Policy Analyst with ANSER, Inc's Congressional Analysis Team. His duties included research and analytic support to the Office of the Assistant Secretary of the Air Force (Acquisition) Power Projection Division. From February 1998 to August 1998, Mr. Helvey was assigned to the Assistant Secretary of the Air Force (Acquisition) Staff Group.

Mr. Helvey graduated from The American University with an MA in U.S. Foreign Policy in 1996, and from West Virginia University with a BA in Political Science in 1994.

OPENING ADDRESS

JESSE L. KAROTKIN

Mr. Jesse Karotkin is the Senior Intelligence Officer (SIO) for China at the Office of Naval Intelligence (ONI). He oversees the Navy's production of intelligence analysis and collection priorities related to China. Mr. Karotkin was selected as a Defense Intelligence Senior Leader (DISL) in November 2011.

Prior to this position, Mr. Karotkin served as Country Director for China in the Office of the Secretary of Defense for Policy, where he coordinated the 2011 Annual Report to Congress on Military and Security Developments Involving the People's Republic of China and supported DoD leadership on a range of issues related to China's military and maritime development.

Mr. Karotkin also served as the senior analyst for East Asia in OPNAV N2N6, providing Intelligence support to the Chief of Naval Operations, Secretary of the Navy, and DCNO for Information Dominance. Prior to his assignments in OSD and OPNAV, he was an analyst with ONI's China Strategy and Doctrine Division and worked for the Intellibridge Corporation. He has 10 years of government service.

Mr. Karotkin received a bachelor's of arts degree in political science and East Asian studies from Union College in Schenectady, New York, where he was awarded the Ronald Amarian Prize for excellence in the study of Mandarin Chinese. He earned his master of arts degree in international affairs from George Washington University's Elliott School of International Affairs. Mr. Karotkin has published several articles on defense issues related to China. He spent over three years living and working in China and is fluent in Mandarin Chinese.

JAMES MALLOY

A 1986 graduate of the United States Naval Academy, Jim has served on both Destroyers and Frigates. He commanded USS FALCON (MHC 59), USS PINCKNEY (DDG 91), and most recently Destroyer Squadron FIFTY, home-ported in Manama Bahrain.

His shore tours include COMUSNAVCENT/C5F, USCENTCOM and OPNAV N86, where he was the initial Requirements Officer for the Littoral Combat Ship (LCS). His most recent staff assignment was as Head, D.C. Placement Branch at Naval Personnel Command.

He holds Masters of Science Degrees in Systems Technology (Command, Control and Communications) from Naval Postgraduate School, in National Security Strategy from National War College, and in Health Sciences (Emergency and Disaster Management) from Touro University. He is a proven sub specialist in National Security Affairs (Middle East).

PANEL I

CHINA'S EVOLVING NAVAL SURFACE CAPACITY

KRISTEN A. GUNNESS

Kristen Gunness is the Founder and CEO of Vantage Point Asia, LLC, a consulting firm providing perspective, expertise, and targeted advice on China and East Asia. She concurrently holds the position of Adjunct Fellow for China Affairs at the RAND Corporation, where she specializes in Chinese military and foreign policy issues, and is a Senior Analyst at Wikistrat. Formerly, Mrs. Gunness served as the Director of the Navy Asia Pacific Advisory Group at the Pentagon, where she advised the Chief of Naval Operations on security and foreign policy trends in East Asia. Prior to her position on the Navy staff, she was Senior Project Director on Chinese military and security affairs at CNA.

Mrs. Gunness has extensive experience studying, living, and working in China. She is a graduate of the Hopkins-Nanjing Center for Chinese and American Studies, and has studied Mandarin at Beijing Capital Normal University and the Harbin Institute of Technology. In addition, she worked as a business consultant in a well-established Shanghai firm, where she spent several years consulting and traveling in China, Taiwan, and Southeast Asia. Mrs. Gunness has written extensively on Chinese security, foreign, and economic affairs. She is the co-editor of *Civil-Military Relations In Today's China: Swimming In A New Sea* (M.E. Sharpe, June 2006). She holds an MA in Security Studies from Georgetown University's Walsh School of Foreign Service.

DENNIS J. BLASKO

Dennis J. Blasko, Lieutenant Colonel, U.S. Army (Retired), served 23 years as a Military Intelligence Officer and Foreign Area Officer specializing in China. Mr. Blasko was an Army Attaché in Beijing from 1992-1995 and in Hong Kong from 1995-1996. He also served in infantry units in Germany, Italy, and Korea and in Washington at the Defense Intelligence Agency, Headquarters Department of the Army (Office of Special Operations), and the National Defense University War Gaming and Simulation Center. Mr. Blasko is a graduate of the United States Military Academy and the Naval Postgraduate School. He has written numerous articles and chapters on the Chinese military and defense industries and is the author of the book, *The Chinese Army Today: Tradition and Transformation for the 21st Century*, second edition (Routledge, 2012).

MICHAEL A. McDEVITT

Rear Admiral Michael McDevitt, US Navy (Ret.) is a senior fellow with CNA Strategic Studies. Over his 15 years at CNA, as both a vice president and now as a fellow, he has had a number of papers dealing with security issues in Asia published. His most recent research focus has been the maritime security issues along the Indo-Pacific littoral and the maritime dimension of China's national strategy. During his navy career, McDevitt spent his operational time in the Pacific, including a two year assignment in Sasebo, Japan. He held four at-sea commands, including an aircraft carrier battle-group. He was the Director of the East Asia Policy office for the Secretary of Defense during the George H.W. Bush Administration. He also served for two years as the Director for Strategy, War Plans and Policy (J-5) for US CINCPAC. McDevitt concluded his 34 year active duty career as the Commandant of the National War College in Washington, DC. He is a graduate of the University of Southern California and has a Master's Degree in U.S. Diplomatic History in East Asia for Georgetown University. McDevitt spent a year in residence at the U.S. Naval War College as a member of the CNO's Strategic Studies Group. He is also a graduate of the National War College.

DANIEL J. KOSTECKA

Mr. Daniel J. Kostecka is a senior analyst for the United States Navy. In addition to working for the Navy, Mr. Kostecka has worked for the Department of Defense, the Government Accountability Office, and served as an active duty Air Force officer for ten years and still serves in the Air Force Reserves with the rank of Lieutenant Colonel. Mr. Kostecka has a Bachelor of Science degree in mathematics from The Ohio State University, a Master of Liberal Arts in military and diplomatic history from Harvard University, a Master of Arts in national security policy from the Patterson School of Diplomacy and International Commerce at the University of Kentucky, and a Master of Science in strategic intelligence from the National Intelligence University. Mr. Kostecka has been published in the Naval War College Review, the Jamestown Foundation's China Brief, Naval Institute Proceedings, and his articles have been translated into Chinese, Japanese, and French. He is also a graduate of Squadron Officer School and the Air Command and Staff College.

ABRAHAM M. DENMARK

Abraham M. Denmark is Vice President for Political and Security Affairs at NBR. He previously worked as a Fellow at the Center for a New American Security and served in the Pentagon as Country Director for China Affairs in the Office of the Secretary of Defense. Mr. Denmark is widely published, having authored several book chapters and reports on U.S. strategy toward the Asia-Pacific region and the global commons. He has been featured in major media outlets in the United States and Asia, and regularly lectures at leading universities and learning centers around the world. Mr. Denmark also serves as an Asia-Pacific Security Advisor at the Center for Naval Analyses. He has received several awards and was named a 21st Century Leader by the National Committee on American Foreign Policy. Mr. Denmark holds an MA in International Security from the Josef Korbel School of International Studies at the University of Denver, and received a BA in History with Honors from the University of Northern Colorado. He has also studied at China's Foreign Affairs University and Peking University.

PANEL 2

ORGANIZING AND CONTROLLING CHINA'S SURFACE FLEET

NAN LI

Nan Li is an associate professor at the Strategic Research Department of the U.S. Naval War College and a member of its China Maritime Studies Institute. He was a John M. Olin Fellow at Harvard University and a senior fellow at U.S. Institute of Peace. He has published numerous journal articles and book chapters and a few monographs and edited volumes on Chinese security and military policy. Nan Li received a Ph. D in political science from the Johns Hopkins University.

KENNETH W. ALLEN

Ken Allen is a Senior China Analyst at Defense Group Inc. (DGI). He is a retired U.S. Air Force officer, whose service abroad includes assignments in Taiwan, Berlin, and Japan, as well as a tour in China as an Assistant Air Attaché. He has written numerous articles on China's military with particular emphasis on organizational structure, personnel, education, and foreign affairs. He holds bachelor's degrees from the University of California at Davis and the University of Maryland and an M.A. in International Relations from Boston University.

MORGAN CLEMENS

Morgan Clemens is a Research Associate at DGI, where his work focuses on the Chinese armed forces and defense industry. He has studied in China and holds an MA in Asian Studies from George Washington University and a BA in History and Government from the College of William and Mary.

JAY R. RODGERS

Jay Rodgers is an analyst at the Office of Naval Intelligence. He created ONI's PLA Navy Leadership and Organization Team in 2005. Mr. Rodgers holds a Master's Degree from Missouri State University.

TERRY KOLB

Mr. Kolb is currently the team leader and senior analyst for ONI's China Exercise Analysis Team. Previous to his current position, he also served as senior analyst and team leader for ONI's SABER surface warfare analysis branch, where he led a team of active duty surface warfare officers in conducting operational and tactical level analysis. He spent five years as a strategy and doctrine analyst within ONI. Mr. Kolb has worked at ONI for 14 years and has extensive understanding of PRC naval strategy, operations, and tactics.

TIMOTHY R. HEATH

Mr. Timothy R. Heath serves as the senior analyst for the U.S. Pacific Command China Strategic Focus Group. Mr. Heath has over twelve years' experience as a China analyst in the U.S. government and earned his M.A. in Asian Studies at George Washington University.

CONFERENCE ADDRESS

BERNARD D. COLE

Dr. Bernard D. Cole (Captain, USN, Ret.) is Professor of Maritime Strategy at the National War College in Washington, D.C. He was commissioned from the Regular NROTC program at the University of North Carolina and served 30 years as a Surface Warfare Officer, commanding USS RATHBURNE (FF 1057) and Destroyer Squadron 35. He also served as a Naval Gunfire Liaison Officer with the THIRD Marine Division in Vietnam in 1967-1968, including service at Khe Sanh Combat Base during the period of the Tet Offensive. Cole has published many articles and essays on Asian military and energy issues, as well as six books: *Gunboats and Marines: The U.S. Navy in China*; *The Great Wall at Sea: China's Navy Enters the Twenty-First Century*; *Oil for the Lamps of China: Beijing's Twenty-First Century Search for Energy*; *Taiwan's Security: History and Prospects*; *Sea Lanes and Pipelines: Energy Security in Asia*; and most recently, *The Great Wall at Sea: China's Navy in the 21st Century*. His next book, *Asian Maritime Strategies: Navigating Troubled Waters*, will be published in the fall of 2013. Dr. Cole earned an A.B. in History from the University of North Carolina, M.A. in National Security Affairs from the University of Washington, and a Ph.D. in History from Auburn University.

JONATHAN G. ODOM

Commander Jonathan G. Odom is an active-duty judge advocate in the U.S. Navy. Currently, he serves as the Oceans Policy Advisor in the Office of the Secretary of Defense. Most recently, Commander Odom served for three and a half years as the Deputy Legal Advisor to Commander, U.S. Pacific Command, headquartered in Hawaii, with a legal portfolio focused on oceans law and policy, the law of armed conflict, and the legal aspects of maritime security. Previously, Commander Odom has served as a legal advisor for admirals and generals in the Pentagon, for afloat commanders during operational deployments to the Arabian Gulf and the Asia-Pacific region, and for multi-national ground force commanders in Iraq and Kosovo. Additionally, Commander Odom completed a three-year assignment as an international law instructor at the U.S. Naval Justice School. In his personal capacity, Commander Odom has spoken at international and U.S. academic forums and has been published on matters related to the law of the sea, the law of armed conflict, national security strategy, maritime policy, and homeland defense. Of note to this conference, his publications include, "The True 'Lies' of the *Impeccable* Incident" (2010) and "A China in the Bull Shop? Comparing the Rhetoric of a Rising China with the Reality of the International Law of the Sea" (2012). Commander Odom is a licensed member of the North Carolina Bar. He earned his Bachelor of Arts with Distinction in History from Duke University and his Juris Doctor from Wake Forest University School of Law. Currently, he is also enrolled part-time at Georgetown University Law Center, where he is pursuing a Masters of Law.

CONFERENCE ADDRESSES

INTERNATIONAL VIEWS OF CHINA'S EVOLVING SURFACE FLEET

YOJI KODA

Born in Dec. 1949 at Tokushima Prefecture, Vice Admiral Yoji Koda, recently retired Commander-in-Chief of the Japanese Self Defense Fleet and a 1992 Graduate of the Naval Command College, in 2010 -2011 he was a Senior Fellow in the Asia Studies Group at Harvard University. Admiral Koda's scholarly work includes "The Russo-Japanese War: Primary Causes of Japanese Success" which is used as a primary reading in the Strategy and Policy and Strategy and War Courses at the Naval War College. VADM Koda has served as Adviser, IHI Marine United Inc. from OCT 2008 to the present.

SUREESH MEHTA

Admiral Sureesh Mehta is the Chairman, National Maritime Foundation - an appointment he took over on 18 Jan 2012. The Admiral served as Chief of the Naval Staff from 01 Nov 2006 until 31 August 2009, and served concurrently as the Chairman, Chiefs of Staff Committee. After retirement, he was appointed as India's High Commissioner to New Zealand. An alumnus of the Defence Services Staff College, Wellington, India and the National Defence College, New Delhi, Admiral Mehta was a naval aviator who flew Sea Hawk jets from the aircraft carrier, INS Vikrant. He went on to skipper INS Beas, INS Godavari and INS Garuda - the premier Naval Air Station of Indian Navy. His illustrious career saw him command the Western Fleet and the Indian Coast Guard. He also served as the Deputy Chief of the Naval Staff, Chief of Personnel and the Flag Officer Commanding-in-Chief of the Eastern Naval Command.

LEE WILLETT

Dr Lee Willett is Head of the Naval Desk and Editor of *Jane's Navy International* at IHS Jane's. He is a Fellow of the Royal Swedish Academy of Naval Sciences, an Associate of the China Maritime Centre (University of Greenwich) and the Corbett Centre for Maritime Policy Studies (King's College, London), and a Visiting Lecturer at the University of Kingston and at the Greenwich Maritime Institute, University of Greenwich. He has a growing interest in Asia-Pacific maritime matters, and is looking at key strategic trends in naval developments, commercial shipping and energy issues, and wider maritime security affairs in the region. He has given evidence to a number of related United Kingdom Parliamentary inquiries, including: the House of Lords Foreign Affairs European Security Sub-committee inquiry on Somali piracy (2010, 2012); and the House of Commons Defence Committee inquiry on maritime surveillance (2012). His recent publications include: 'Pirates and Politics', *Jane's Defence Weekly*, April 2013; 'Frozen Over: Maritime Security Challenges in the High North', in *Jane's Navy International*, January 2013; 'The Russian Navy: Confrontation or Co-operation?', in *Jane's Navy International*, December 2012; 'Don't Forget About the Ships', in *Short War, Long Shadow: the Political and Military Legacies of the 2011 Libya Campaign*, RUSI Libya Campaign Report, March 2012; 'Piracy and Power Politics: Naval Presence and Grand Strategy in the Horn of Africa', in *RUSI Journal*, vol.156, no.6. December 2011; and 'A United Kingdom Perspective on the Role of Navies in Delivering Arctic Security', in James Kraska (ed.), (2011), *Arctic Security in an Age of Climate Change*. Cambridge, UK: Cambridge University Press. In 2012, he was invited to speak at the Naval War College's seminar on the US maritime strategy. Dr Willett also has been a member of the Royal Australian Navy's Sea Power Centre-Australia's Editorial Board. In his previous appointments, he was Senior Research Fellow in Maritime Studies at the Royal United Services Institute and Leverhulme Research Fellow at the Centre for Security Studies, University of Hull.

JAMES HOLMES

Professor James Holmes is a Phi Beta Kappa graduate of Vanderbilt University and earned graduate degrees at Salve Regina University, Providence College, and the Fletcher School of Law and Diplomacy at Tufts University. He earned the 1994 Naval War College Foundation Award, signifying the top graduate in his Naval War College class. He previously served on the faculty of the University of Georgia School of Public and International Affairs and as a research associate at the Institute for Foreign Policy Analysis, Cambridge, MA. A former U.S. Navy surface warfare officer, he served on board the battleship *Wisconsin*, directed an engineering course at the Surface Warfare Officers School Command, and served as military professor at the Naval War College, College of Distance Education. He is coauthor of *Red Star over the Pacific: China's Rise and the Challenge to U.S. Maritime Strategy*, an *Atlantic Monthly* Best Book of 2010. For a full biography, see <http://usnwc.edu/Academics/Faculty/James-Holmes.aspx>.

PANEL 3

DEVELOPMENTS IN CHINA'S SURFACE FLEET SUPPORT

DALE C. RIELAGE

Commander Dale C. Rielage serves as Special Assistant to the Chief of Naval Operations in the OPNAV N00Z/Navy Asia Pacific Advisory Group. A career intelligence officer, he has spent his last four tours focused on Asia security issues, including service as 7th Fleet Deputy N2 and Senior Intelligence Officer for China at the Office of Naval Intelligence.

RUSSELL HSIAO

Russell Hsiao is a Research Fellow at the Project 2049 Institute. Previously, he was the Editor of China Brief at The Jamestown Foundation from October 2007-July 2011. Prior to that, he served as an Associate in the International Cooperation Department at the Taiwan Foundation for Democracy in Taipei, and a Researcher at the Washington-based Heritage Foundation. Mr. Hsiao received his B.A. in International Studies from the American University's School of International Service and University Honors Program. He is a member of the Young Leaders' Program of the Honolulu-based think tank Pacific Forum CSIS. Mr. Hsiao is proficient in Mandarin Chinese and learning Korean.

ALEXANDRE SHELDON-DUPLAIX

Born in 1963, a graduate of the Paris Institute of Political Studies (Public Service), and of the Sorbonne (a Masters and two Pre-doctoral memoirs in history and political science), Alexandre Sheldon-Duplaix has worked as a naval analyst at the French Defence Ministry (1987-99) before joining in 1999 the French Navy Historical Service - later Defence Historical Service - in Vincennes, near Paris. He authored or co-authored *Histoire des sous-marins* [History of submarines] with Rear-Admiral Jean-Marie Mathey, FN, (2003), translated into German (2006), *Hide and Seek* [on Cold War Naval Intelligence] with the late Captain Peter Huchthausen, USN, (2009), revised and translated into French (2011) and Russian (2013) and *Histoire mondiale des porte-avions* [World history of aircraft carriers] (2006). He lectures on Russian, Chinese and Asian navies at the French War College in Paris and at the French Naval Academy in Brest. He is also a speaker on Chinese naval issues at the Geneva Centre for Security Policy and at the European Institute of Public Administration in Brussels.

JOSHUA (JOSH) HICKEY

Mr. Hickey grew up the son of a U.S. Navy officer and naval engineer, spending his younger years at naval bases and shipyards in Philadelphia, Norfolk, the Philippines, and Italy among other places. He studied Naval Engineering at the State University of New York Maritime College, International Affairs and National Security Policy/Political Science at George Mason University, and has taken courses at the Massachusetts Institute of Technology and the U.S. Naval War College. After working as a political researcher on Capitol Hill, Mr. Hickey in 2000 joined the Office of Naval Intelligence as a surface platforms analyst, initially specializing in Libya and other developing navies before moving to the China and Southeast Asia AOR. Mr. Hickey is currently the Navy's lead analyst for PRC surface ship and aircraft carrier technical, recognition, capability, and construction issues.

PANEL 4

THE AIRCRAFT CARRIER AS A NEW SURFACE FLEET ELEMENT

ANDREW S. ERICKSON

Dr. Andrew S. Erickson is an Associate Professor in the Strategic Research Department at the U.S. Naval War College and a core founding member of the department's China Maritime Studies Institute (CMSI). He is an Associate in Research at Harvard University's John King Fairbank Center for Chinese Studies (2008-). Erickson also serves as an expert contributor to the *Wall Street Journal's* China Real Time Report (中国事实报). During academic year 2010-11, he was a Fellow in the Princeton-Harvard China and the World Program. From 2008-11, he was a Fellow in the National Committee on U.S.-China Relations' Public Intellectuals Program, and served as a scholar escort on a five-Member Congressional trip to Beijing, Qingdao, Chengdu, and Shanghai. He has taught courses at the Naval War College and Yonsei University, and has lectured extensively at academic and government institutions throughout the United States and Asia. Erickson previously worked for Science Applications International Corporation (SAIC) as a Chinese translator and technical analyst. He has also worked at the U.S. Embassy in Beijing, the U.S. Consulate in Hong Kong, the U.S. Senate, and the White House. Proficient in Mandarin Chinese and Japanese, he has traveled extensively in Asia and has lived in China, Japan, and Korea. Erickson received his Ph.D. and M.A. in international relations and comparative politics from Princeton University and graduated *magna cum laude* from Amherst College with a B.A. in history and political science. His research, which focuses on Asia-Pacific defense, foreign policy, and technology issues, has been published widely in such journals as *Asian Security*, *Journal of Strategic Studies*, *Orbis*, *The American Interest*, and *Joint Force Quarterly*. Erickson is coeditor of, and a contributor to, the Naval Institute Press book series, "Studies in Chinese Maritime Development," comprising *China's Strategy for the Near Seas* (forthcoming), *Chinese Aerospace Power* (2011), *China, the U.S., and 21st Century Sea Power* (2010), *China Goes to Sea* (2009), *China's Energy Strategy* (2008), and *China's Future Nuclear Submarine Force* (2007); as well as the Naval War College Newport Paper *China's Nuclear Force Modernization*. He is also co-founder of *China SignPost™* 洞察中国 (www.chinasignpost.com), a research newsletter and web portal that covers key developments in China, and its natural resource, trade, and security issues. Links to this, and his other publications, can be found at www.andrewerickson.com.

ERIC PEDERSEN

Eric Pedersen is ONI's Deputy Senior Intelligence Officer for China. An active duty Navy intelligence officer for 13 years, he was commissioned at the United States Naval Academy in May, 1999. After completing the Naval Intelligence Officers Basic Course at Dam Neck, VA, he was assigned as Collections Officer to Carrier Air Wing Three from 2000-2002, deploying to the Persian Gulf on USS HARRY S TRUMAN. Between 2002 and 2008, he was stationed in Hawaii, where he served as the Fleet Intelligence Officer on the staff of the Commander, Submarine Force U.S. Pacific Fleet and at PACOM's Joint Intelligence Operations Center as a watch officer and the China Division Operations Officer. In early 2008, he transferred to the Office of Naval Intelligence where he worked China issues until his departure from active duty in 2012. He remains a Lieutenant Commander in the Navy Reserves. His awards include a Meritorious Service Medal, a Joint Commendation Medal, two Navy Commendation Medals, a Joint Service Achievement Medal and a Navy Achievement Medal. Mr. Pedersen grew up in Houston, Texas and has a Bachelor of Science in Systems Engineering from the U.S. Naval Academy, and a Master's in Strategic Intelligence from American Military University.

ROBERT C. (BARNEY) RUBEL

Professor Rubel, a retired Navy captain, is currently Dean of the Center for Naval Warfare Studies. Prior to assuming this position, he was Chairman of the Wargaming Department of the Naval War College. A thirty-year Navy veteran, he received his commission through the Naval Reserve Officer Training Corps at the University of Illinois. He subsequently became a light attack naval aviator, flying the A-7 Corsair II and later the F/A-18 Hornet. He commanded Strike Fighter Squadron 131 and also served as the Inspector General at U.S. Southern Command.

Professor Rubel's shore assignments were principally involved with professional military education. He is a graduate of the Spanish Naval War College in Madrid and the U.S. Naval War College in Newport, RI. He completed three separate faculty tours at the U.S. Naval War College as a joint military operations instructor and ultimately as the Deputy Dean of the Center for Naval Warfare Studies. During these tours he served as the William F. Halsey Chair of Air Strike Warfare and later the Colin Powell Chair of Joint Warfare. He gained extensive experience with service and joint education policy through his participation as an accreditation team member on the Chairman of the Joint Chiefs of Staff Process for the Accreditation of Joint Education (PAJE) Team. He also served as the special assistant for joint education to the Dean of Academics. After

retiring from the Navy, he became director of the Research and Analysis Division within the Naval War College's Wargaming Department, and in 2004 became Chairman of the Department. In addition, he has been a visiting lecturer at a number of international professional military education institutions, including the German Armed Forces Staff College, the Mexican Naval War College, the British Joint Services Staff College and the Colombian Senior War College.

Professor Rubel has earned master's degrees from Salve Regina University and the Naval War College. He has published a number of articles on a variety of subjects including security engagement strategy, joint operational art, advanced wargaming and air warfare.

PAUL S. GIARRA

Paul Giarra is the President of *Global Strategies & Transformation*, a professional services firm and strategic planning consultancy providing national security strategic analysis, defense concept development, military transformation expertise, defense industry strategic planning, and applied history as a planning tool.

Mr. Giarra is a strategic planner and national security analyst for Japan, China, East Asia, and NATO futures. As a military transformation expert, he has supported transformation and experimentation in the Office of the Secretary of Defense; at U.S. Joint Forces Command at the U.S. Pacific Command; at NATO Headquarters; and at NATO Allied Command Transformation. He is a frequent contributor to and commentator on China military futures, the U.S. Navy's maritime strategy, and the U.S.-Japan alliance. He teaches net assessment best practices at the U.S. Naval Postgraduate School.

During his Naval career, Mr. Giarra was a Naval aviator; a naval strategic planner; a political-military strategic planner for Far East, South Asia and Pacific issues; and managed the U.S.-Japan alliance in the Office of the Secretary of Defense. He is a graduate of Harvard's last Navy ROTC class; the U.S. Naval War College; and the National War College-equivalent National Institute for Defense Studies in Tokyo.

CONCLUDING ADDRESS

JAMES H. BAKER

As the Principal Deputy Director, Strategic Plans and Policy, Jim Baker is charged with leading and maturing a culture of strategic thinking across the J5 organization, conducting independent "red cell" analysis of current policies, and providing creative and global strategic perspectives on the full array of political-military challenges facing the Chairman of the Joint Chiefs of Staff.

Prior to assuming the position as the Principal Deputy Director for Strategic Plans and Policy, Joint Staff, Jim was the Director of the Chairman's Action Group (CAG) for the 17th Joint Chiefs of Staff, Admiral Mike Mullen.

In this capacity, he advised the Chairman on matters relating to the Chairman's duty to provide best military advice. His team produced more than 600 strategic assessments, geopolitical analyses and studies on strategic matters ranging from Iran to Pakistan, Russia, cyberspace, civil-military relations, "Don't Ask, Don't Tell", and more. He also accompanied the Chairman to more than 30 countries and throughout Iraq and Afghanistan in the performance of his duties.

Jim has held leadership positions at three different military Research, Development and Test Centers and four staff tours in the Pentagon. He spent more than half of his military career in joint assignments, proud to serve with Army, Navy, Air Force, Marine and Coast Guard officers at all levels.

Jim is a distinguished graduate of the National War College. He is also a distinguished graduate of the Air Command and Staff College, the Squadron Officer School, and the Reserve Officer Training Corps, and a member of the Council of Foreign Relations. He holds four graduate degrees, two in engineering disciplines and two in security studies. He is an alumnus of Harvard's Advanced Management Program, MIT's Seminar XXI program, and the Army's Air Assault School.

Jim is married to his college sweetheart, Michele Radcliffe. They have a daughter, Chloe, of whom they are both so very proud.

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