

MSC 08 Speaker Bios

Captain Raja Javed Afzal

Captain Raja Javed Afzal PN is a surface warfare officer of Pakistan Navy who was commissioned in June 1983. He has rich sea experience in command and staff appointment. His experience includes command of Ex. UK Type 21 and Leander class Frigates, Fast Attack Craft and Missile Boats besides being on operational staff duties of Commander Destroyer Squadron and Commander Pakistan Fleet. Prior to taking up his assignment at HQ US NAVCENT Bahrain as Chief of Staff to Commander CTF 150 for the maiden PN Command of the Task Force, he was Director Naval Operations at Naval Headquarters.

Captain Afzal is an Anti Submarine warfare specialist and is also an “Honour Graduate” of Surface Warfare School, USA. He also holds BSc (Hons) and Masters Degrees in War Studies from Karachi University and Quaid-e-Azam University, respectively. Besides he is also an illumni of IOI Ocean Governance Programme being conducted at Dalhousie University Canada.

Presently, he is the Director of National Centre for Maritime Policy Research, Bahria University, Karachi. In his capacity as the director of nascent centre which is just over an year old, he is working multi - directional to establish linkages and initiate research projects. His research work on International Relations and Naval Warfare has already been published in National Defence University and Pakistan Navy War College Journals, respectively.

Commander Jorge Victor Vázquez Zárate

Graduated in 1990 as Engineer in Naval Sciences in the Heroic Military Naval School, he has acted as Subordinate Official in several units of the Armada of Mexico.

He obtained a Diploma in Marine Meteorology in the Center of Atmospheric Sciences of the Autonomous National University of Mexico (UNAM), and the Specialty of Hydrography through the International Hydrographic Program (NAVOCEANO, Stennis Space Center, Gulfport, MS, USA), having been designated as Coordinator of Projects and Deputy Director of Meteorology in the General Directorate of Naval Oceanography (1997-2000), and later on as Deputy Director of Section in the Strategic Planning Unit of the Secretariat of the Navy.

In 2002 he took the Junior Staff course in the Center of Superior Naval Studies, and in 2004 he got a Master of Sciences degree in Systems Engineering in the Naval Postgraduate School, Monterey, CA, USA, being afterwards in charge of different projects as Deputy Director of Communications and Detection Systems in the Mexican Navy's Research and Technological Development Institute, and then as Chief of the Missile Systems Technical Support Group.

More recently, he has been serving in the Mexican Navy's General Staff as Chief of the Subsection for the Security and Prosperity Partnership of North America, and as advisor for International Affairs in the Special Studies Commission.

Currently, he is coordinator of the Development Program for the Mexican Navy's Command and Control System.

Captain Juan Carlos Díaz

Juan Carlos Díaz was born in Santiago on August 11, 1959. After studying at the Maristas Brothers' Institute, he entered the Naval Academy "Arturo Prat" in 1975 and was commissioned as Midshipmen on January 1, 1980.

Captain Diaz is a Staff, Gunnery and Missile officer. He holds the professional degree of Weapons Engineer with a specialization in Gunnery and Missiles and the academic degree of Bachelor's in Naval and Maritime Sciences with a major in Gunnery and Missiles.

During his more than 15 years of sea service, he has served on board the Light Cruise CL "O'Higgins", Transport Ship TS "Aguiles", Escort Destroyer APD "Uribe" and the Destroyer DDG "Almirante Williams". His seagoing command posts are: Second Commander PFG "Zenteno", in 1997, Commander, Missile Corvette "Covadonga", with primary port of Puerto Williams, in 1998; Second Commander Training Ship BE "Esmeralda", in 2003, Commander Landing Ship Transport "Rancagua" with the primary port of Valparaiso, in 2004.

Among his outstanding shore duties are his performance at the Naval Academy in which he was Chief of Educational Department between 2000 and 2002 and his time as the Naval Commander Arica and Port Authority of Arica between 2005 and 2007.

On March 3, 2008, he took over as Chief of the Plans and Policy Division of the Mayor General Staff of the Chilean Navy.

Commodore Khan Hasham Bin Saddique SI (M)

Commodore Khan Hasham Bin Saddique SI (M) was born and raised in Rawalpindi, Pakistan. After initial training at the Britannia Royal College Dartmouth United Kingdom, got commission in the Operations Branch of Pakistan Navy in 1980. Winner of the coveted Sword of Honor, Commodore Khan is a Surface Warfare officer with wide ranging command and staff experience.

As a junior Lieutenant, apart from commanding an FPB served as a Signal Communications Officer and Principal Warfare Officer onboard a DDG as well as Squadron Operations Officer of a Destroyer Squadron. As Executive Officer, his tour of duty saw him onboard PNS BADR (a British type 21 DDG) and later in Command of

another Type 21 DDG; PNS SHAHJAHAN. The Commodore has also served as the Chief Staff Officer to Commander Pakistan Fleet.

His assignments ashore include aide to the Vice Chief of the Naval Staff, Directing Staff at Pakistan Navy Tactical School, Staff Officer at the Directorate of Naval Warfare and Operational Plans and a brief stint as Assistant Chief of Naval Staff, Plans Division, at the Naval Headquarters. He has held two terms of about two years each at the Pakistan Naval Academy, first as the Training Commander and later as the Commandant. Commodore Khan has also commanded PNS BAHADUR, the premier officers training establishment, and the Maritime Operations Training Complex of Pakistan Navy. Prior taking over as the Commandant Pakistan Navy War College, the Commodore had the distinct honor of Commanding TF-150, Coalition Maritime Task Force in support of Operation Enduring Freedom.

His professional qualifications include Surface Warfare Officer Course from SWOSCOLCOM Newport, RI USA and Communications specialization from Pakistan. He is a graduate of the Joint Service Staff Course and Armed Forces War Course, Pakistan. Commodore holds a Master Degrees in Joint Warfare, War Studies from Quaid-i-Azam University Islamabad and MSc (Operations Research) from Naval Post Graduate School Monterey, CA USA.

Commodore L.M. Hickey

A member of the Canadian Forces since 1974, Commodore Hickey has served aboard destroyers, submarines, and frigates in appointments of increasing responsibility. He commanded two submarines, HMCS Onondaga and HMCS Okanagan in 1986 and 1992 respectively, and the frigate HMCS Toronto in 1999. From 2005 to 2007, he held concomitant appointments as Deputy Fleet Commander Atlantic and Commander Fifth Maritime Operations Group.

Commodore Hickey has held several staff appointments ashore, including a foreign exchange posting as the NATO Plans, Policy and Exercises Officer on the staff of the Commander Submarine Force, U.S. Atlantic Fleet in Norfolk, Virginia. He also served as Assistant Chief of Staff, Plans and Operations at Maritime Forces Atlantic Headquarters where he directed the military support to meet the immediate needs of a large percentage of the roughly 8000 passengers from 42 commercial aircraft stranded at Halifax on September 11, 2001. He served as the Director of Strategic Studies at the Canadian Forces College from 2004 to 2005, and as Chief of Staff, Maritime Forces Atlantic and Joint Task Force Atlantic from 2007 to 2008.

As a naval Reservist, Commodore Hickey attended Saint Mary's University, graduating in 1990 with a degree in Geography, and was awarded the Governor General's Silver Medal for academic excellence. Additionally, he holds a Master of Science degree in Human Resource Management from Troy State University, graduating as top student of the university's five Masters programs. At present, he is a PhD candidate in Marine and Coastal Environmental Management through the Cardiff University of Wales.

Commodore Hickey was promoted to his present rank and appointed as Director General Maritime Personnel and Readiness in May 2008.

Commodore Tom Cunningham Royal Navy

Commodore Tom Cunningham joined the Royal Navy in 1977 and trained as an Anti-submarine Observer before joining a front line Sea King helicopter squadron. He then flew Canberra aircraft with the Royal Air Force before returning to the Navy in 1982 to begin a long association with the Lynx helicopter and small ship aviation. He has served in Lynx flights ashore and embarked, on the training squadron as an instructor and seen active service in Beirut and in the Gulf Tanker War. His last flying appointment was as the Senior Observer of the front-line Lynx headquarters, 815 Squadron.

Between flying appointments he completed staff training at Greenwich and trained as a Principal Warfare Officer specialising in underwater warfare. He then served as the Operations Officer of HMS Brazen during the 1991 Gulf War and, later, of the aircraft carrier HMS Illustrious during operations in support of UN resolutions in the Balkans. He has also served as the UK Liaison officer in USN aircraft carriers during combined operations.

He has had 3 commands. On promotion to Commander in 1995 he commanded the air defence destroyer HMS Gloucester and took part in the major Ocean Wave deployment to the Far East in 1996. In 2000 he was promoted to Captain and took command of HMS Fearless and deployed with the Amphibious Task Group for exercises in the Indian Ocean. The events of 9/11 extended that deployment to over 7 months to participate in Op VERITAS in support of operations in Afghanistan and off the Iraqi coast. In 2004, on promotion to Commodore, he commanded the coalition Task Force 150 on counter terrorist operations in the Indian Ocean and Red Sea.

Shore appointments have included using his operational carrier experience as the Operational Requirements desk officer for the Future Aircraft Carrier project during the later stages of the 1998 Strategic Defence Review. He has served in the Defence Procurement Agency as the first Requirements Manager in the Future Aircraft Carrier Project and as the Project Team Leader for the Navy's Future Surface Combatant Project. He has also served in the Policy area with responsibility for the development European Defence policy and the capability aspects of UK military contributions to NATO and the EU. He was appointed as Director Naval Staff in February 2005.

Commodore Tony Parr

Commodore Tony Parr, who was appointed Maritime Component Commander on 30 Nov 2008, was born in Wellington, New Zealand in 1955. He was raised in New Zealand and the Fiji Islands. He joined the Royal New Zealand Navy as a Sub Lieutenant in January 1980. After initial training ashore in New Zealand and at sea, he

qualified as a Bridge Watchkeeper in August 1982 and as a Principal Warfare Officer (PWO) in 1987.

He saw operational service in the Indian Ocean serving in two Armilla Patrol deployments in 1982. For two years from December 1983, he commanded the Lake Class Patrol Craft, HMNZS PUKAKI engaged in fisheries protection off the New Zealand coast and EEZ. In early 1986, Commodore Parr was involved firstly, in the preparations for Her Majesty The Queens' 1986 visit to New Zealand and then as New Zealand Equerry to the Queen. He was appointed a Member of the Royal Victorian Order (MVO) for his services during this visit. After graduating as a PWO, from January 1988 Commodore Parr commenced two years exchange service with the Royal Australian Navy. During this time he served as a PWO in HMA Ships WATSON, ADELAIDE and PARRAMATTA, the latter also as Operations Officer.

His other command appointments include Commanding Officer HMNZS WAIKATO from December 1995 to June 1997 (where he previously served as Executive Officer) and HMNZS TE MANA as Commissioning Commanding Officer from August 1998 to April 2001. In January 2003 Commodore Parr was granted the acting rank of Commodore and deployed as the Senior National Officer, National Planning Element, Headquarters, US Central Command, Tampa for a six month period.

In addition to extensive service at sea, Commodore Parr has also served in a wide range of single service and joint appointments ashore. These include postings in personnel and training as well as in capability development at the strategic level. He served in the Headquarters New Zealand Defence Force when it was commissioned in 2001.

During his Naval career he has undertaken professional training courses in Australia, the United Kingdom and the United States. He has a Bachelor of Social Sciences (Politics) from Waikato University having graduated in 1977. In 2005 he attended the Defence Strategic Studies Course in Australia, graduating with a Master of Arts (Strategic Studies) degree from Deakin University.

On 13 April 2006, Commodore Parr was promoted to his current rank and appointed Deputy Chief of Navy. After 19 months in this role he became the Maritime Component Commander in November 2007.

Mr. Daniel Rosen

Daniel Rosen is principal of Rhodium Group (RHG), a New York-based research firm, and has been an adjunct professor at Columbia University's School of International and Public Affairs since 2001. He is also a visiting fellow at the Peterson Institute for International Economics, where he was in residence from 1993 to 1998. From 2000 to 2001 he served as senior adviser for international economic policy on the White House National Economic Council and director at the National Security Council. His work focuses on the economic development of Asia, particularly China. Other areas of research include energy, agriculture and commodities, trade and environment linkages, and economic transitions and competitiveness. He is the author of *Behind the Open Door: Foreign Enterprises in the Chinese Marketplace* (1998) and coauthor of *China's Energy*

Evolution: The Consequences of Powering Growth at Home and Abroad (forthcoming 2008, with Trevor Houser), *Prospects for a US-Taiwan Free Trade Agreement* (2004, with Nicholas Lardy), *Roots of Competitiveness: China's Evolving Agriculture Interests* (2004, with Scott Rozelle and Jikun Huang), and *APEC and the New Economy* (2002, with Catherine L. Mann). His first book on the intersection of China's energy sector and environment was *Powering China*, written with Dan Esty in 1995 for the Rockefeller Brothers Foundation.

Colonel Dexter Chia

Colonel Dexter Chia enlisted into the Singapore Armed Forces in December 1981. In 1984, he received a SAF Local Training Award to read Economics and Mathematics at the National University of Singapore, graduating in 1987 with a Bachelor of Science degree.

Colonel Chia's early years in the Republic of Singapore Navy were spent at sea with the Missile Gun Boat and Patrol Craft Squadrons. In 1995, he assumed his first command of an anti-submarine warfare patrol vessel, RSS BRAVE, in 1995. In 1997, COL Chia handed over command to attend the SAF Command and Staff Course. Upon completion of his course, he spent a year on the Directing Staff for the Tactical Training Centre. Colonel Chia returned to the Fleet in 1998, first as Commanding Officer of Missile Gun Boat RSS SEA WOLF and half a year later as Commanding Officer of Missile Gun Boat RSS SEA HAWK.

In 2000, Colonel Chia was appointed Executive Officer cum Chief Instructor of Midshipman Wing, Officer Cadet School at SAFTI Military Institute. He held the appointment for one year before he was posted to Navy Headquarters in Aug 2001.

After completing his tour of duty at Navy Headquarters, Colonel Chia held the appointment of Deputy Commander of Coastal Command from Feb 2005 to Jul 2007. He subsequently attended the SAF Senior Commanders' Programme until Aug 2007. He is currently the Project Director of Changi Naval Base Project Office.

Mr. Douglas Bancroft

Doug joined the Meteorological Service of Canada (MSC) in 1981, starting at the Training Branch in Downsview Ontario, and then serving progressively as a forecaster, shift supervisor, and operations supervisor in a variety of weather centres. He eventually became Officer-in Charge of the west coast Meteorology and Oceanography Centre. He then accepted a promotion to Fisheries and Oceans Canada in 2000 as a Senior Science Advisor. In 2003, and was again promoted to the position of national Director of Oceanography and Climate Science. Doug returned to MSC in 2006, to take up his present duties as Director of the Canadian Ice Service, and Co-Director of the Canada-United States North American Ice Service.

In addition to his civil service career, Doug has been a member of the Canadian Naval Reserve for thirty five years. He joined as an Ordinary Seaman, and has since served a variety of tours at sea. He has also held various positions ashore in National and Multi-National Joint Task Force Headquarters. He has commanded six HMC Ships for various periods, including HMCS YELLOWKNIFE, a thousand ton multi role mine countermeasures ship, and Port Security Unit Four. He currently commands HMCS CARLETON, Ottawa's naval reserve division.

Doug holds a BSc Physics from the University of Victoria, a specialised undergraduate diploma in meteorology from McGill University, and an MSc in Physical Oceanography from Royal Military College.

Mr. Wilmot N. (Dub) Summerall III

Mr. Summerall entered the Senior Executive Service in December 2004. He is currently serving as the Executive Director for Combatants within PEO Ships, where he provides executive leadership to more than \$46 billion in complex, new construction shipbuilding programs that will define the 21st century surface combatant fleet. His responsibilities span six major Program Offices including: DDG 1000 (PMS 500), Littoral Combat Ship (PMS 501), CG(X) (PMS 502), DDG 51 (PMS 400D), Electric Ship Office (PMS 320), and Ships Acquisition Management.

As the Executive Director for Combatants, Mr. Summerall oversees a staff of approximately 150 civilian and 10 military personnel.

In addition to executing his duties as Executive Director for Combatants Mr. Summerall served as Acting PEO Ships from July 2008 to August 2008.

From July 2001 to December 2004, Mr. Summerall was the Head of the Ship Construction/ Modernization and Sealift Branch in the Office of the Assistant Secretary of the Navy, Financial Management and Comptroller. In this capacity, Mr. Summerall managed budget preparation and financing for the Department of the Navy's shipbuilding program valued at over \$10 billion per year.

From September 1983 to July 2001, Mr. Summerall served in numerous positions within the Cost Engineering and Industrial Analysis Division of the Naval Sea Systems Command (SEA 017), primarily as the Group Director, Surface Combatants. From August 1998 to June 1999, Mr. Summerall served as the Acting Division Director of SEA 017.

Mr. Summerall received his Bachelor of Science degree from Columbia University in New York City, New York in 1978, and a Bachelor of Arts degree from Jacksonville University in Jacksonville, Florida. Mr. Summerall has received numerous honors and awards, including the Navy Meritorious Civilian Service Award, the Department of Defense Value Engineering Award, and the Department of the Navy Competition and Procurement Excellence Award.

Dr. Fumio Ota

Dr. Fumio Ota was born in Tokyo in 1948. Following matriculation from the Japan National Defense Academy in 1966, his military education includes Department Head Course (Gunnery), Command and Staff Course, and General Course at the National Institute for Defense Studies. From 1993 to 1994, he received two Master's Degrees: MS National Resource Strategy from the U. S. Industrial College of the Armed Forces and an MA in International Public Policy at the School of Advanced International Studies (SAIS), Johns Hopkins University. Of note, Dr. Paul Wolfowitz, the former Deputy Secretary of Defense was the Dean at that time. In 2003, Dr. Ota obtained his Ph.D. in international relations from SAIS.

Following commissioning from Officer Candidate School in 1971, Dr. Ota served at sea for almost ten years. His assignments included; Commanding Officer of JDS YUUGUMO (DD-121), and Commander of Escort Division One subsequently followed by Escort Division Six Four.

Ashore, Ota Fumio has studied at various schools in the U.S. He was also assigned as an exchange instructor to the U. S. Naval Academy teaching seamanship, navigation, ship handling, and tactics from 1980 to 1982. Following an assignment to the planning and policy department in the Maritime Staff Office (MSO), he became the officer in charge of preparing the White Paper titled "Defense of Japan 1987", for the Japan Defense Agency. From 1990 to 1992, he was assigned as the Chief of Education Management Section in the MSO. During his assignment as a fellow at the National Institute for Defense Studies in 1992, Dr. Ota was a visiting fellow at the Center for International Security and Arms Control at Stanford University co-directed by Dr. William Perry, the former U.S. Secretary of Defense. During this time, Dr. Ota also made the acquaintance of Dr. Condoleezza Rice, the current U.S. Secretary of State, who was a fellow at the Center. During this period, Dr. Ota conducted research along with U.S., Russian and Japanese Navy Captains titled "Cooperative Security in the Pacific." From 1996 to 1999, he served as the Defense and Naval Attaché at the Japanese Embassy in Washington DC. Upon his return to Japan, he was assigned as the Director J4 (Logistics), Joint Staff Office, Japan Defense Agency from 1999 to 2001. During the two assignments above, Dr. Ota received two legion of merits. After a brief assignment as the President of the Joint Staff College in 2001, Dr. Ota was assigned the director of Defense Intelligence Headquarters until January 2005 when he retired at the rank of Vice Admiral. Dr. Ota is currently the Director of the Center for Security and Crisis Management Education at the National Defense Academy. He is also teaching the Security & International affairs Ph.D. program at the National Graduate Institute for Policy Studies.

Dr. Ota wrote various books including "The US-Japan Alliance in the 21st Century" (in English), "Intelligence and the National Strategy", "Intelligence and International Situation Analysis" and "Are Japanese ignorant of Strategy and Intelligence?" (in Japanese). He also an accomplished athlete, was a pentathlon candidate for the 1972 Munich Olympic Games. His hobbies include Kendo (Seventh Grade Instructor), Snow

Skiing (First Class Player), and remain an active Japan Swimming Federation Senior Class Instructor.

Professor Geoffrey Till

Geoffrey Till is the Professor of Maritime Studies at the Joint Services Command and Staff College and a member of the Defence Studies Department, part of the War Studies Group of King's College London. He is the Director of the Corbett Centre for Maritime Policy Studies.

In addition to many articles and chapters on various aspects of maritime strategy and policy defence, he is the author of a number of books. His most recent are a major study *Seapower : A Guide for the 21st Century* for Frank Cass, published in 2004 and *The Development of British Naval Thinking* published by Routledge in 2006. In 2007 he was a Senior Research Fellow at the rajaratnam School of International studies, Singapore and in 2008 the inaugural Sir Howard Kippenberger Visiting Chair in Strategic Studies at the Victoria University of Wellington He has completed a major study of the impact of globalisation on naval development especially in the Asia-Pacific region. This will appear as an Adelphi paper for the International Institute for Strategic Studies, London. His works have been translated into 9 languages, and he regularly speaks at staff colleges and academic conferences around the world.

Mr. Giles Noakes

Giles is the Head of the Maritime Security Department of BIMCO tasked with serving and protecting the interests of BIMCO's members in matters concerning maritime security and trade facilitation. He was previously employed by Hart Security to manage part of DP Worlds current corporate security direction – ISO 28000 compliance globally. Giles successfully implemented ISO 28000, in one of the most difficult port working environments in the world, Djibouti (PAID).

With in depth experience of shipping, logistics, containerisation and port facilities, he has provided consultancy services in Maritime and Supply Chain Security to a broad spectrum of commercial, government and supranational clients. He has MCT experience ranging over 20 years and was responsible for a major physical security review of Plymouth Dockyard. On leaving the Royal Marines he completed an MBA and became the CEO of Multistar Container Transport. Thereafter as the CEO of Jigsaw Container Logistics Security (JCLS), he specialised in container transport, shipping and port security consultancy.

Mr. Ken Gause

Mr. Gause is CNA's resident expert on foreign leadership issues, having studied a variety of regimes dating back to the early 1980s with his work on the Soviet Union for the U.S. government. He has published numerous articles on leadership structures for such publications as *Jane's Intelligence Review*, *Jane's Defense Weekly*, RUSI's *China*

Military Update, *SP Military Yearbook* (India's premier defense journal), *Keesing's International*, and *The Worldwide Government Report*. He has developed models for examining authoritarian leaderships and has done extensive research on the Stalinist regime and its influence on the leadership architectures of similar regimes, such as North Korea and Iraq. He has served as a consultant on North Korean and Iranian leadership issues to OSD, JFCOM, and the intelligence community.

In addition to his work on foreign leaderships, Ken Gause has directed and developed many of the methodologies used by CNA to address interoperability, including its political/cultural, operational, and technical components, between the U.S. Navy and allied navies and future capability trends of a number of world navies, including those of Russia, NATO, the Gulf Cooperation Council states, Japan, India, and South Korea.

Ken Gause holds a M.A. in Soviet and East European Studies from George Washington University, and a B.A. in political science and Russian from Vanderbilt University.

Dr. Mohan Malik

Dr. Mohan Malik came to the Asia-Pacific Center for Security Studies in February 2001 from Deakin University in Australia where he was Director of the postgraduate Defense Studies Program. He obtained his Ph.D. in International Relations from the Australian National University, M.Phil in Chinese Studies from Delhi University and Advanced Diploma in Chinese language from Beijing University. He is a trained Sinologist and has broad research interests in Asian Geopolitics, China's Asia strategy, and nuclear proliferation in the Asia-Pacific. Dr. Malik has lectured at the Australian Joint Services Staff College, Warfare Studies Center, and Australian Defense College and has held Visiting Fellowships at a number of strategic policy "think-tanks" in Asia, Europe and the United States.

Dr. Malik is the author of *Dragon on Terrorism* (U.S. Army War College, 2002), *The Gulf War: Australia's Role and Asian-Pacific Responses* (Strategic and Defense Studies Center/ANU Press, 1992), co-editor of *Religious Radicalism and Security in South Asia* (APCSS, Honolulu, 2004), and editor of *Australia's Security in the 21st Century* (Allen and Unwin, 1999), *The Future Battlefield* (Deakin University Press and Directorate of Army Research and Analysis, 1997), and the three volumes on *Asian Defense Policies* (Deakin University Press, 1994). He has contributed numerous chapters to books and published over 170 articles on Asian-Pacific security issues in journals such as *Asian Affairs*, *Asian Survey*, *Arms Control*, *Asia-Pacific Defense Reporter*, *Australian Journal of International Affairs*, *BR Monitor*, *China Quarterly*, *China Report*, *China Brief*, *Comparative Strategy*, *Contemporary Security Policy*, *Contemporary Southeast Asia*, *Current Affairs Bulletin*, *Defense and Foreign Affairs*, *Encyclopedia Britannica*, *Issues and Studies*, *Jane's Sentinel*, *Jane's Intelligence Review*, *Journal of Northeast Asian Studies*, *Korean Journal of Defense Analysis*, *Orbis*, *Pacific Affairs*, *Pacifica Review*, *Parameters*, *Strategic Digest*, *Strategic Policy*, *The World Today*, and *World Policy Journal*. He has also written for a number of newspapers and news magazines, most notably *The International Herald Tribune*, *The Japan Times*, *The Australian*, *The Age*, *The Power & Interest News Report*, *Asia Times*, *YaleGlobal Online*, *Guanxi: The China*

Letter, Force, The Honolulu Star-Bulletin, The Hindustan Times, Pakistan Today, and The Pioneer.

Dr. Malik has testified before the United States-China Economic and Security Review Commission, the Australian Senate Committee on Foreign Affairs, Defense and Trade and also done consultancy work for the Science Applications International Corporation (SAIC), Australian Department of Defense (Army), and the UK-based Jane's Information Group. He has been awarded the Australian Department of Defense Fellowship twice in 1991 and 1998. During 1998-2000, he was a member of the Australian Foreign Minister's National Consultative Committee on Peace & Disarmament (NCCPD) and Australian Committee on Security and Cooperation in the Asia-Pacific (AUS-CSCAP).

Mr. Nan LI

Nan LI is an associate professor at the China Maritime Studies Institute, Strategic Research Department of the U.S. Naval War College. He has published extensively on Chinese security and military policy. His writings have appeared in *Security Studies*, *China Quarterly*, *China Journal*, *Armed Forces & Society*, *Issues and Studies* and many others. He has contributed to edited volumes from RAND Corporation, National Defense University Press, Clarendon Press and M.E. Sharpe. He has also published a monograph with the U.S. Institute of Peace. He is the editor of *Chinese Civil-Military Relations* (Routledge, 2006). Nan Li received a Ph.D in political science from the Johns Hopkins University.

Mr. Peter G. Noble

Peter Noble is a naval architect with 4 decades of experience in the marine and offshore sectors. He graduated from the University of Glasgow, Scotland with a degree in Naval Architecture and then emigrated to North America where he has worked in the ship research, design, construction, and offshore industries since.

Peter first sailed north of the Arctic Circle in Norway when he worked on a fishing boat in the summer of 1966 and again sailed "down north" on the McKenzie River in 1969, as engineer on a push-tug/barge combination which he had designed and built in Hay River NWT. His career has included positions with ship design consultants, research and development companies and classification societies. Peter has had a very active involvement in Arctic and High Latitude shipping. He served in leadership roles with the Arctec Group of companies in Canada and the US from the mid 70's to late 80's where he led ice model basin studies, analytical work and field work in the Arctic for government and commercial clients. Peter continued his "Arctic" career when he joined Wartsila Marine (which became Kvaerner Masa Marine and now Aker Marine) in Vancouver, Canada. Immediately prior to joining ConocoPhillips, Peter served as Vice President of Engineering within the American Bureau of Shipping organization, where in addition to many other tasks he participated in the continuing development of rules for ships and structures designed for ice operations.

In 2001, Peter joined ConocoPhillips where he is currently the Chief Naval Architect, Project Development. He is actively involved in many projects world-wide in support of ConocoPhillips interests including work on the Varandey Oil Export Project, in Arctic Russia, for which 3 x 70,000 tdwt ice breaking tankers are now under construction in Korea. In addition Peter is actively involved with a number of Arctic technology development projects and with support for exploration and development planning for projects in the US and Canadian Arctic.

Peter is a Vice President and Fellow of the Society of Naval Architects and Marine Engineering, SNAME, and is active in Society affairs both nationally and internationally, including chairing the Society's International Activities Committee. In 2006 Peter was awarded the Adm. Jerry Land Medal for "contributions to the marine industry". He has published extensively on a wide range of technical and safety issues related to the maritime, Arctic and offshore industries. He is a member of the American Bureau of Shipping.

Mr. Phill Brown

Phill Brown is Program Manager for the Amphibious Deployment and Sustainment Program in the Defence Materiel Organisation. Phill commenced work as an apprentice shipwright at the NSW State Dockyard in 1969. He joined the Australian Public Service in 1977 and worked in the design and project areas including the Australian Frigate, DDG modernisation and ANZAC Ship projects, with some years in Washington as the RAN-USN Liaison Engineer with the Australian Embassy.

In the mid-1990s Phill moved back to the private sector, where he held a number of managerial positions with Transfield, Australian Technology Information, and then Tenix, where he rose to General Manager of the Marine Division by 2001 and then of the ANZAC Alliance in 2002. He joined the DMO in late 2005.

Phill is an Engineer/Naval Architecture.

Richard A. Bitzinger

Richard A. Bitzinger is a Senior Fellow with the S. Rajaratnam School of International Studies, Nanyang Technological University, in Singapore, where his work focuses on military and defense issues relating to the Asia-Pacific region, including the challenges of defense transformation in the Asia-Pacific, regional military modernization activities, and local defense industries, arms production, and weapons proliferation.

Mr. Bitzinger is the author of *Towards a Brave New Arms Industry?* (Oxford University Press, 2003), "Come the Revolution: Transforming the Asia-Pacific's Militaries," *Naval War College Review* (Fall 2005), and *Transforming the U.S. Military: Implications for the Asia-Pacific* (Australian Strategic Policy Institute, December 2006). He has written several monographs and book chapters, and his articles have appeared in such journals as

International Security, Orbis, China Quarterly, and The Korean Journal of Defense Analysis.

Mr. Bitzinger was previously an Associate Professor with the Asia-Pacific Center for Security Studies (APCSS), Honolulu, Hawaii, and has also worked for the RAND Corporation, the Center for Strategic and Budgetary Affairs, and the U.S. Government. In 1999-2000, he was a Senior Fellow with the Atlantic Council of the United States. He holds a Masters degree from the Monterey Institute of International Affairs and has pursued additional postgraduate studies at the University of California, Los Angeles.

Mr. Rick Bryant

Mr. Bryant served over 30 years in the public service with the Royal Canadian Air Force, the Canadian Hydrographic Service and the Canadian Coast Guard, including CCG Regional Director (Pacific) from 1996 through 2000.

He served as President of the Chamber of Shipping from January 2002 until September 2008.

Mr. Bryant holds a degree in Electrical Engineering from the Royal Military College and an MBA from McMaster University.

Dr. Rob Huebert

Dr. Rob Huebert is an associate professor in the Department of Political Science at the University of Calgary. He is also the associate director of the Centre for Military and Strategic Studies. Dr. Huebert has also taught at Memorial University, Dalhousie University, and the University of Manitoba. His area of research interests include: international relations, strategic studies, the Law of the Sea, maritime affairs, Canadian foreign and defence policy, and circumpolar relations. He publishes on the issue of Canadian Arctic Security, Maritime Security, and Canadian Defence. His work has appeared in *International Journal*; *Canadian Foreign Policy*; *Isuma: Canadian Journal of Policy Research* and *Canadian Military Journal*. He was also a co-author of the Report *To Secure a Nation: Canadian Defence and Security into the 21st Century*; and co-editor of *Commercial Satellite Imagery and United Nations Peacekeeping* and *Breaking Ice: Canadian Integrated Ocean Management in the Canadian North*. He also comments on Canadian security and Arctic issues in both the Canadian and international media.

Dr. Stan Weeks

Dr. Weeks joined The SPECTRUM Group in September 2007 after seventeen years at Science Applications International Corporation (SAIC) (where he remains a consulting employee) and a prior 24-year career in the U.S. Navy (including destroyer command as the flagship captain for NATO's multinational standing naval force, and prior duty

coordinating that multinational force's operations from the flagships of admirals of the UK and Dutch Royal Navies.). He has extensive strategic and operational planning experience in business, defense, foreign policy, and international and regional security contexts. Dr. Weeks since October 2007 has also supported the Secretary of Defense and the Chairman of the Joint Chiefs of Staff as an Adjunct Professional Staff Member at the Institute for Defense Analyses (IDA).

Dr Weeks has developed and led programs to support strategic planning for regional security for the Navy, OSD, the JCS, NATO, and the State Department, as well as regional Combatant Commanders and Navy Components in the Pacific, European, and Central Command regions. His varied work in these areas included support to the Navy Staff in strategy development and in resource allocation (PPBE) processes. He supported the OSD Asia Pacific policy office in regional multilateral security cooperation and in regional missile defense planning, and led the study in Taiwan and China on Taiwan Missile Defense. He also coordinated the Senior Review Group for the missile defense feasibility studies for NATO. For JCS (J5), Dr. Weeks led the Pacific portion of the Overseas Basing Infrastructure study, and also helped develop the JCS template for Theater Engagement Planning. For Navy commanders in the Pacific and in Europe, Dr. Weeks led assessments for future regional missile defense and allied cooperation. Dr Weeks served two exchange tours with the State Department (in the Europe/NATO and the politico-military bureaus) during his Navy career, and more recently served the State Department as the maritime advisor on US delegations to the Middle East Peace Process negotiations and to the ASEAN Regional Forum security meetings. He assisted the Pacific Commander in the establishment and initial ministerial-level conferences of the Asia Pacific Center for Security Studies. He has supported the Central Command Commander in several capacities, including planning of annual strategy conferences, support for the Cooperative Defense Initiative with the GCC states, Egypt, and Jordan, and port security planning. From 1998 to 2000, Dr Weeks assisted the corporate officer responsible for business strategic planning in Latin America, including a \$350 million joint venture in the region. From June 2004 to December 2005, Dr Weeks was the Naval Advisor in Tirana, Albania, developing and helping implement a comprehensive Transformation Plan for that country's Navy/Coast Guard, drafting a National Military Strategy, and assisting with ongoing NATO Partnership for Peace planning in preparation for eventual NATO membership.

A 1970 graduate of the US Naval Academy, Dr. Weeks attended the University of Madrid, Spain (1974-1976) as an Olmsted Scholar (Political Science Doctoral courses and Latin American Studies post-Master's courses.) He holds Ph.D. (1977) and M.A. (1974) degrees in International Studies from The American University, was a National War College faculty member (Department of Strategy and Joint Military Operations), is JSO qualified (with PME and JPME I and II), and since 1994 has been an Adjunct Professor of the Naval War College, teaching the National Security Decision Making (NSDM) graduate course (strategy and force planning, and executive leadership) to Washington area students from the military, government agencies, and Congressional staffs. Dr Weeks is the author of the book "The Armed Forces of the USA in the Asia-Pacific Region" as well as over two dozen chapters and articles in books and journals.

He has spoken to over sixty international war colleges, universities, and conferences (most recently in China, Japan, Canada, India, Estonia, Singapore, and Malaysia) on a variety of strategic planning, defense transformation, maritime and regional security topics. Since 1991, Dr Weeks has also been a military and naval analyst for CBS News, participating in dozens of television and radio broadcasts from CBS News New York headquarters during the 1991 Gulf War and the 2003 Iraq War.