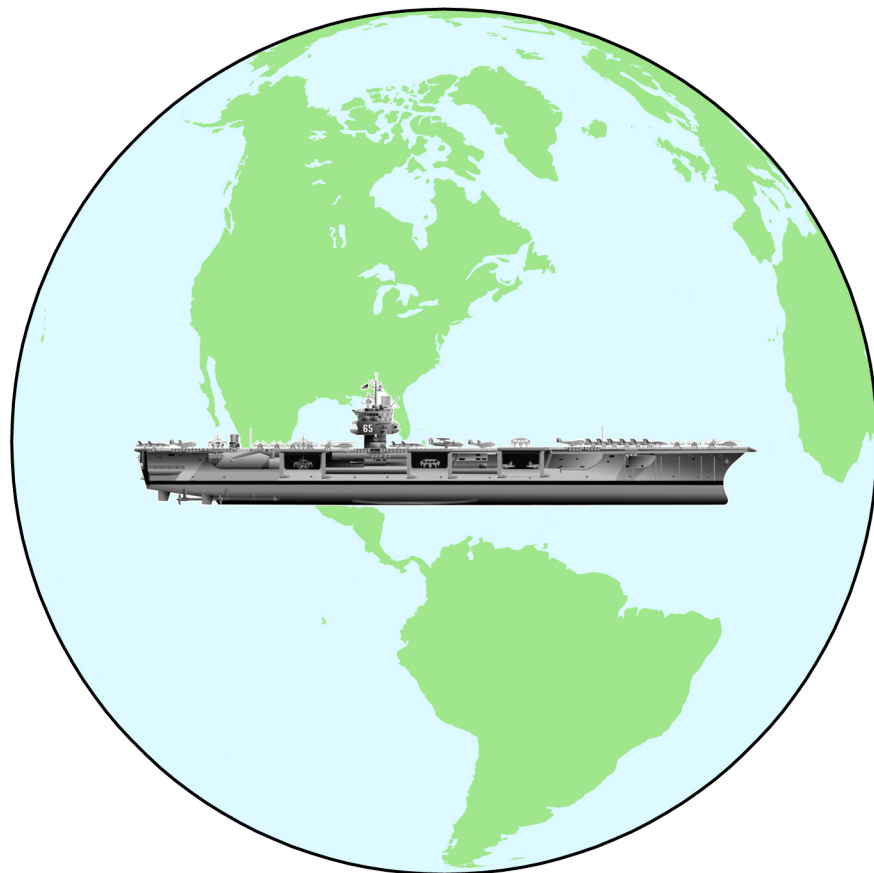


The U.S. Navy in the World (1970-2010):

Context for U.S. Navy Capstone Strategies and Concepts:
Volume II

Peter M. Swartz
with Karin Duggan



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- ◆ This paper provides enlarged charts on selected context & trends across entire 1970-2010 period
- ◆ Charts are selected from *U.S. Navy in the World (1970-2010): Context for U.S. Navy Capstone Strategies and Concepts, Volume I*
 - ◆ See inside back cover for complete reference information
- ◆ Charts are reproduced here in larger, more readable format than *Volume I*

US economy & defense spending (1970-2010) CNA

YEAR	President	ECONOMY	DOD % of GDP	DOD TOA (Constant FY 12 \$)	CNO	CAPSTONE DOCUMENT
1970	Nixon	Nixon Shock	7.6	485B	Zumwalt	Project SIXTY (S)
1971			6.9	441B		
1972			6.4	425B		
1973			5.6	404B		
1974	Ford	Oil Crisis Recession	5.4	383B	Holloway	Missions of the U.S. Navy (U) Strategic Concept for the U.S.N. (S)
1975			5.4	372B		
1976			5.1	376B		
1977			4.8	395B		
1978	Carter	Oil Crisis Recession	4.6	393B	Hayward	NWP 1 Strategic Concepts (U) Sea Plan 2000 (S) CNO Strategic Concepts (TS) Future of U.S. Sea Power (U)
1979			4.6	391B		
1980			4.9	398B		
1981	Reagan	Recession	5.1	438B	Watkins	Maritime Strategy (Brief) (S) Maritime Strategy (Pub) (S) Ambiguous Warfare Strategy (S) Maritime Strategy (Rev) (S) Maritime Strategy (U)
1982			5.7	482B		
1983			6.0	514B		
1984			5.7	537B		
1985		Gramm-Rudman Act	5.9	561B	Trost	Maritime Strategy (Rev) (U) Maritime Strategy (Rev) (S) Maritime Strategy (Rev) (S) Maritime Strategy (Rev) (U)
1986			6.0	552B		
1987			5.9	546B		
1988			5.6	536B		
1989	Bush	Stock Market Crash Savings & Loan Crisis	5.5	524B	Kelso	The Way Ahead Navy Policy Book, ...From the Sea NDP 1 Naval Warfare Forward...From the Sea
1990			5.1	510B		
1991			4.4	516B		
1992	Clinton	Recession	4.6	467B	Boorda	NOC; Anytime, Anywhere NSPG I (S) NSPG II (U)
1993			4.2	438B		
1994			3.9	401B		
1995			3.5	397B		
1996		Stock Market Crash	3.3	388B	Johnson	SP 21 & Global CONOPs, Naval Power 21 NOCJO, Fleet Response Plan
1997			3.1	378B		
1998			3.0	374B		
1999			2.8	384B		
2000	GW Bush	Recession Stock Market Crash	2.9	394B	Clark	NSP ISO POM 08, NOC, NSP ISO POM 10 Cooperative Strategy, NSP ISO POM 10 (Ch. 1) NSG ISO PR 11, NSP ISO POM 12 NOC, NDP 1, NSP ISO POM 13
2001			2.8	408B		
2002			3.1	459B		
2003			3.5	542B		
2004		Oil Price Rise	3.7	554B	Mullen	NSP ISO POM 10
2005			3.8	584B		
2006			3.8	604B		
2007		Subprime Mortgage Crisis Recession/Financial Crisis Global Economic Crisis	3.8	662B	Roughhead	NSP ISO POM 10 (Ch. 1) NSG ISO PR 11, NSP ISO POM 12 NOC, NDP 1, NSP ISO POM 13
2008			4.1	716B		
2009			4.5	700B		
2010	Obama		4.6	713B		

USN capstone documents in context (1970-2010) CNA

WORLD EVENTS	Year	ADMINISTRATION	SECNAV	CNO	CAPSTONE DOCUMENT
Soviet Okean 70	1970	Nixon	Chafee	Zumwalt	Project SIXTY
India-Pakistan War	1971				
US-USSR INCSEA Agreement/Pres. Nixon to China	1972		Warner		Missions of the U.S. Navy
US Vietnam Pullout/USN-SN Med faceoff	1973		Richardson Schlesinger		Strategic Concept for the U.S. Navy (S)
India nuclear test	1974	Ford	Rumsfeld	Holloway	NWP 1 Strategic Concepts of the U.S. Navy
South Vietnam fell	1975		Brown		NWP 1 Strategic Concept of the U.S. Navy (Rev. A)
Soviet-Egypt Treaty cancelled	1976	Carter		Hayward	Sea Plan 2000 (S)
Panama Canal Treaty	1977		Claytor		CNO Strategic Concepts (TS)
Deng Xiaoping leads PRC	1978				Future of U.S. Sea Power
Shah fell/Taiwan R. Act/USSR invaded Afghanistan	1979				
Marief (Cuba) boatlift/Iran rescue Op	1980		Hidalgo		
Gulf of Sidra incident	1981	Reagan	Weinberger	Lehman	
Bekka Valley battles	1982				Maritime Strategy (Brief) (S)
Beirut/Grenada ops	1983			Watkins	Maritime Strategy (Pub) (S)
Iran-Iraq War	1984				Amphibious Warfare Strategy (S), Maritime Strategy (S)
Gorbachev is GSCPSU	1985				Maritime Strategy (U)
Goldwater-Nichols Act	1986				Maritime Strategy (Rev) (U)
US air strikes on Libya	1987		Carlucci	Trost	Maritime Strategy (Rev) (U)
Operation Praying Mantis	1988		Cheney		Maritime Strategy (Rev) (S)
Panama intervention/Cold War ended	1989	Bush	Webb Ball		Maritime Strategy (Rev) (S)
Iraq invaded Kuwait/Somalia Ops	1990		Garrett	Kelso	Maritime Strategy (Rev) (U)
Gulf War/Somalia Ops	1991		O'Keefe		The Way Ahead
Somalia/Adriatic Ops/Southern Watch	1992		Dalton		Navy Policy Book, ... From the Sea
Somalia/Adriatic/Haiti Ops/Southern Watch	1993	Clinton	Aspin		NDP 1: Naval Warfare
Somalia/Adriatic/Haiti Ops	1994			Boorda	Forward... From the Sea
Desert Strike/Taiwan Straits Crisis	1995		Perry	Johnson	Navy Operational Concept (NOC); Anytime, Anywhere
Hong Kong restored to China	1996				Navy Strategic Planning Guidance (NSPG) I (S)
Operation Desert Fox	1998		Cohen		Navy Strategic Planning Guidance (NSPG) II (U)
Operation Allied Force/Kosovo occupied	1999		Danzig		
US Cole attacked	2000				
America attacked	2001	GWBush	Rumsfeld	Clark	Sea Power 21 & Global CONOPs, Naval Power 21
OEF Afghanistan begins	2002				Naval Operating Concept for Joint Operations (NOCJO), Fleet Response Plan (FRP)
OIF began	2003				NSP ISO POM 08, NOC,
IO tsunami	2004				NSP ISO POM 10
Hurricane Katrina	2005			Mullen	Cooperative Strategy, NSP ISO POM 10 (Change 1)
Lebanon evacuation/DPRK nuclear test	2006				NSG ISO PR 11, NSP ISO POM 12
Pakistan unrest	2007		Winter	Roughhead	NOC, NDP 1 Naval Warfare, NSP ISO POM 13
Somalia, Nigeria piracy	2008				
Global economic crisis	2009	Obama			
OEF Afghanistan intensified	2010		Mabus		

Direction to the US Navy (1970-2010) (I)

Year	President	National Document	SECDEF	CJCS	Defense Document	CNO	USN Capstone Document
1969	Nixon	Nixon Doctrine	Laird	Moore USN	Defense Policy & Planning Guidance USPS & PPBS documents	Zumwalt	Project SIXTY (S)
1970		NSSMs & NSDMs					
1971		Shanghai Communique, ABM Treaty					
1972		NSDM 242					
1973			Richardson				Missions of the U.S. Navy
1974	Ford		Schlesinger	Brown USAF	SECDEF Posture Statements	Holloway	Strategic Concept for the U.S. Navy (S)
1975							
1976		NSDM 344, NSDM 348	Rumsfeld	Brown	Contingency Planning Guidance DOD 5100.1	Hayward	NWP 1 Strategic Concepts of the U.S. Navy NWP 1 (Rev. A) Strategic Concepts of the U.S.N. Sea Plan 2000 (S)
1977	Carter	PRM 10, PD 18					
1978		PRMs & PDs		Jones USAF			CNO Strategic Concepts (TS) Future of U.S. Sea Power (U)
1979							
1980		Carter Doctrine, PD 59, PD 62, PD 63			Defense Guidance (DG)		
1981	Reagan	NSDDs & NSDDs	Weinberger	Vessey USA	Weinberger Doctrine	Watkins	Maritime Strategy (Brief) (S) Maritime Strategy (Pub) (S) Amphib. Warfare Strategy (S), Maritime Strategy (S) Maritime Strategy (U)
1982		NSDD 13					
1983		NSDD 32, NSDD 72					
1984		NSDD 75 SDI					
1985		Reagan Doctrine		Crowe USN			
1986		INF Treaty, NSDD 265			1st "Forces For" memo		
1987		National Security Strategy	Carlucci	Powell USA	DOD 5100.1	Trost	Maritime Strategy (Rev) (U)
1988		National Security Strategy			Discriminate Deterrence		
1989	GHWBush	NSRs & NSDs	Cheney		National Military Strategy		Maritime Strategy (Rev) (S) Maritime Strategy (Rev) (U)
1990		National Security Strategy, NSD 49			Base Force		
1991		National Security Strategy, PNI			JT PUB 1, DPG, CPG	Kelso	The Way Ahead Navy Policy Book, ...From the Sea
1992		NSD 74			National Military Strategy		
1993		National Security Strategy			Bottom-Up Review		
1994	Clinton	PRDs & PDDs (Start II Treaty)	Aspin	Shali USA	Nuclear Posture Review	Boorda	NDP 1 Naval Warfare Forward...From the Sea
1995		National Security Strategy, PDD 25			Joint Pub 1: NMS, CORM		
1996		National Security Strategy, PDD 32		Perry	JV 2010	Johnson	NOC; Anytime, Anywhere
1997		National Security Strategy			QDR, National Military Strategy		
1998		National Security Strategy, PDD 56, PDD 60	Cohen	Shelton USA			NSPG I (S) NSPG II (U)
1999		National Security Strategy, Clinton Doctrine					
2000		National Security Strategy			JV 2020, JT PUB 1		
2001	GWBush	NSPDs, HSPDs	Rumsfeld	Myers USAF	Nuclear Posture Review, QDR	Clark	SP 21 & Global CONOPs, Naval Power 21 NOCJO, Fleet Response Plan
2002		National Security Strategy, SORT			SPG, TPG, CPG, SCG		
2003		NSCWMMD, NSCT, PSI			JOPSC, CJCS, JOCs, DOD 5100.1		
2004		NSPD 41/HSPD 13			GDPR, National Military Strategy		
2005		NSMS			National Defense Strategy, SCA		
2006		National Security Strategy, MOTR	Gates	Pace USMC	CCJO, NMSPWOT	Mullen	NSP ISO POM 08 (U) (S), NOC NSP ISO POM 10 (S)
2007		NSCT, NSHS			NMCSWMD, QDR, DOD 5100.1		
2008					JT PUB 1		
2009	Obama	PSDs, PPDs	Gates	Mullen USN	GDF, GEF	Roughhead	Cooperative Strategy, NSP ISO POM 10 (Ch 1) (S) NSG ISO PR 11 (S), NSP ISO POM 12 (S) NOC, NDP 1, NSP ISO POM 13 (S)
2010		National Security Strategy			National Defense Strategy CCJO, CRM, QDR, NPR, BMDR, DPPG		

USN dollars, numbers, capabilities (1970-2010)



YEAR	CNO	CAPSTONE DOCUMENT	DON TOA FY12\$—NEW SHIPS—BATTLE FORCE SHIPS—ACTIVE PERSONNEL	NEW CAPABILITIES INTRODUCED
1970	Zumwalt	Project SIXTY (S)	\$144B 10 769	LCC, DSRV, P-3C, KA-6D, ITASS, NOSIC, FOSIF
1971			\$129B 15 702	AMCM, A-6E, EA-6B EW a/c, Poseidon MIRV SLBM
1972			\$132B 15 654	Mk 48 Torpedo, OSIS, SOSUS upgrade, FLTCORGRUs
1973			\$128B 9 584	E-2C AEW a/c, RH-53D AMCM helo, Parway LGB
1974	Holloway	Missions of the U.S. Navy Strategic Concept for the U.S.N. (S)	\$125B 14 512	F-14 AAW a/c, S-3A ASW a/c, TACAMO, AIM-54 Phoenix
1975			\$120B 21 496	CWC, Nimitz-class CVN, Spruance-class DD
1976			\$121B 15 476	Los Angeles SSN, Tarawa LHA, Harpoon, Sea Sparrow
1977		NWP 1 Strategic Concepts Sea Plan 2000 (S)	\$131B 15 464	Perry-class FFG, CVBG, TENCAP, Pegasus PHM
1978	Hayward	CNO Strategic Concepts (TS)	\$131B 18 468	FLTSATCOM, GPS satellite, W76 warhead
1979		Future of U.S. Sea Power	\$128B 16 471	Trident 1 C-4 SLBM, CAPTOR mine, US-3A COD
1980			\$129B 11 477	Near-Term Prepositioned Ships, EA-6B ICAP II
1981			\$140B 18 490	Phalanx CIWS, Kidd-class DDG, JOTS
1982	Watkins	Maritime Strategy (Brief)(S)	\$154B 17 513	Ohio-class SSBN, INMARSAT, Iowa-class BB
1983		Maritime Strategy (Pub)(S)	\$170B 14 514	Tico Aegis CG, Dry deck shelters, TACTAS, Mk67 SLMM
1984		Amphibious Warfare Strategy (S)	\$169B 16 524	T-LAM, F/A-18A/B, SH-60B Lamps III, LEASAT, S-3B
1985		Maritime Strategy (Rev)(S)	\$188B 19 541	T-AGOS, LCAC, Skipper LGB, Nixie, Super-CAG, AGM-123, ARS
1986	Trost	Maritime Strategy (U)	\$185B 20 556	Mk 41 VLS, ELF SSBN Comms, HARM, NTU, T-AH, T-AO 187
1987		Maritime Strategy (Rev)(U)	\$183B 17 568	F/A-18C/D, MCM, MH-53E AMCM helo, Pioneer UAV
1988		Maritime Strategy (Rev)(S)	\$189B 15 565	F-14B AAW a/c, W88 warhead
1989		Maritime Strategy (Rev)(S)	\$176B 19 566	Improved Los Angeles SSN, ELF, E-6A, MK50 ALWT, SH-60F
1990		Maritime Strategy (Rev)(U)	\$172B 15 547	Wasp LHD, SLAM ASM, Trident II D-5 SLBM, MK 48 ADCAP
1991	Kelso	The Way Ahead Navy Policy Book, ... From the Sea	\$169B 11 526	Tomahawk use, ROTH-R, ES-3A, T-45A trainer a/c
1992			\$149B 11 466	Burke-class DDG
1993			\$138B 7 435	UHF FO satellite, MILSTAR, Cyclone PC, AMRAAM, Osprey MHC
1994	Boorda	NDP 1 Naval Warfare Forward... From the Sea	\$123B 4 391	SPRNET, Link 16, TLAM Block III, Supply-class T-AOE
1995			\$121B 4 373	Fifth Fleet, DMS e-mail
1996	Johnson	Navy Operational Concept; Anytime, Anywhere	\$120B 5 356	F-14 Bombrat, NSAWC
1997			\$116B 4 354	Seawolf SSN, F-14 LANTIRN pod, T-45C, JSOW AGM, SSDS
1998		NSPG I (S)	\$117B 5 333	IT-21, JDAM, GBS satellite, JTIDS, E-6B
1999		NSPG II (U)	\$118B 5 317	Nulka decoy
2000			\$120B 6 318	SLAM-ER ASM, NMCI
2001	Clark	Sea Power 21 & Global CONOPs, Naval Power 21	\$126B 6 316	F/A-18E/F, operational chat, GCCS-M
2002			\$130B 6 313	CENTRIXS-M network, COWAN, MH-60S helo, CEC
2003		NOCJO, Fleet Response Plan	\$154B 5 297	P-3C overland ops, Mobile Security Groups, HSV Swift
2004		NSP ISO POM 08, NOC	\$147B 7 291	FLTAGSWCOM, MARFPCOM, BMD tracking, TACTOM
2005	Mullen	NSP ISO POM 10	\$165B 8 282	Virginia SSN, FAO, LRSR, ScanEagle, SM-3 BIK1A ABM
2006		Cooperative Strategy, NSP (CH 1)	\$162B 4 281	NECC, Rivet Home Group, AIS, L & C-class T-AKE, CLREC
2007	Roughhead	NSG ISO PR 11, NSP ISO POM 12	\$176B 3 282	MCAG, MH-60R ASW helo, RPB, DDG RMS, AESA
2008			\$176B 3 282	Ohio-class SSN, INLS, BLU-126/B, Freedom LCS, MOC
2009			\$176B 8 285	MH-60S E-2D, Mk 38 MOD II 25mm chain gun
2010			\$183B 7 288	EA-18G, Fire Scout UAV, CYBERFOR, MZ-3A blimp

USN force level goals (1970-2010)



YEAR	CNO	FORCE GOAL DOCUMENT	FORCE LEVEL GOAL	BATTLE FORCE SHIPS	CAPSTONE DOCUMENT
1970	Zumwalt	Hi-Lo goal	> 770	> 769	Project SIXTY (S)
1971			> 770	> 702	
1972			> 770	> 654	
1973			> 770	> 584	
1974	Holloway	CNO testimony	> 600	> 512	Missions of the U.S. Navy Strategic Concept for the U.S.N. (S)
1975			> 575	> 496	
1976			> 575	> 476	
1977			> 600	> 464	
1978	Hayward	SECDEF Schlesinger goal NSDM 344 Sea Plan 2000 CNO testimony Reagan platform	585-439	> 468	NWP 1 Strategic Concepts, Sea Plan 2000 (S) Future of U.S. Sea Power
1979			> 600	> 471	
1980			> 600	> 477	
1981			> 600	> 490	
1982	Watkins	DOD & SECNAV goal	> 600	> 513	Maritime Strategy (Brief) (S) Maritime Strategy (Pub) (S) Amphib. Warfare Strategy (S), Maritime Strategy (S) Maritime Strategy (U) Maritime Strategy (Rev) (U)
1983			> 600	> 514	
1984			> 600	> 524	
1985			> 600	> 541	
1986	Trost	DOD & SECNAV goal	> 600	> 556	Maritime Strategy (Rev) (S) Maritime Strategy (Rev) (U) The Way Ahead Navy Policy Book, ...From the Sea NDP 1 Naval Warfare, Forward...From the Sea
1987			> 600	> 568	
1988			> 600	> 565	
1989			> 600	> 566	
1990	Kelso	DOD Base Force DOD Bottom Up Review (BUR)	450-416	< 547	NOC; Anytime, Anywhere NSPG I (S) NSPG II (U)
1991			< 450-416	< 526	
1992			< 450-416	< 466	
1993			< 450-416	< 435	
1994	Boorda	QDR #1 (USN View)	< 346	< 391	SP 21 & Global CONOPs, Naval Power 21 NOCJO, Fleet Response Plan NSP ISO POM 08, NOC NSP ISO POM 10, Cooperative Strategy, NSP NSG ISO PR 11, NSP ISO POM 12 NOC, NDP 1, NSP ISO POM 13
1995			< 346	< 373	
1996			< 346	< 356	
1997			< 310-305	< 354	
1998	Johnson	30-Yr Shipbuilding Report QDR #2 (USN View) USN Global CONOPs	< 310-305	< 333	
1999			< 310-305	< 317	
2000			< 360-305	< 318	
2001			< 310	< 316	
2002	Clark	USN Interim Long-Range Plan DON Long-Range Plan DON Long-Range Plan SECDEF QDRIP comment	< 375	< 313	
2003			< 375	< 297	
2004			< 375	< 291	
2005			< 325-260	< 282	
2006	Mullen		< 313	< 281	
2007			< 313	< 279	
2008			< 313	< 282	
2009			< 313	< 285	
2010			< 323-313	< 288	

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