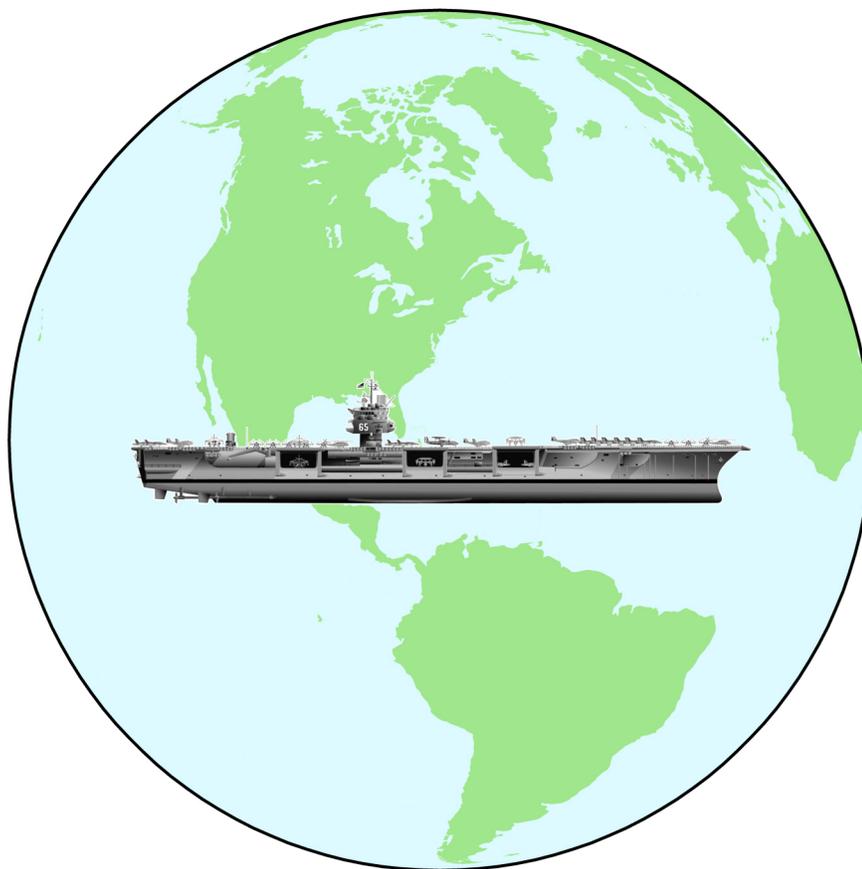


The U.S. Navy in the World (1970-2010):

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)

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	Ford	Oil Crisis Recession	6.4	425B	Holloway	Missions of the U.S. Navy (U) Strategic Concept for the U.S.N. (S)
1973			5.6	404B		
1974			5.4	383B		
1975			5.4	372B		
1976	Carter	Oil Crisis Recession	5.1	376B	Hayward	NWP 1 Strategic Concepts (U) Sea Plan 2000 (S) CNO Strategic Concepts (TS) Future of U.S. Sea Power (U)
1977			4.8	395B		
1978	Reagan	Recession	4.6	393B	Watkins	Maritime Strategy (Brief) (S) Maritime Strategy (Pub) (S) Ambiguous Warfare Strategy (S) Maritime Strategy (Rev) (S) Maritime Strategy (U)
1979			4.6	391B		
1980	Reagan	Recession	4.9	398B	Trost	Maritime Strategy (Rev) (U) Maritime Strategy (Rev) (S) Maritime Strategy (Rev) (U)
1981			5.1	438B		
1982			5.7	482B		
1983			6.0	514B		
1984			5.7	537B		
1985			5.9	561B		
1986			6.0	552B		
1987			5.9	546B		
1988			5.6	536B		
1989			5.5	524B		
1990	Bush	Oil Crisis Recession	5.1	510B	Kelso	The Way Ahead Navy Policy Book, ...From the Sea NDP 1 Naval Warfare Forward...From the Sea
1991			4.4	516B		
1992	Clinton	Stock Market Crash	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			3.3	388B		
1997			3.1	378B		
1998	Clinton	Stock Market Crash	3.0	374B	Johnson	SP 21 & Global CONOPs, Naval Power 21 NOCJO, Fleet Response Plan
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			3.7	554B		
2005			3.8	584B		
2006			3.8	604B		
2007			3.8	662B		
2008			4.1	716B		
2009			4.5	700B		
2010	4.6	713B				

USN capstone documents in context (1970-2010) CNA

WORLD EVENTS	Year	ADMINISTRATION	SECMAN	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				
India nuclear test	1974	Ford	Richardson Schlesinger	Holloway	Strategic Concept for the U.S. Navy (S)
South Vietnam fell	1975				
Soviet-Egypt Treaty cancelled	1976		Rumsfeld		NWP 1 Strategic Concepts of the U.S. Navy
Panama Canal Treaty	1977	Carter	Brown	Hayward	NWP 1 Strategic Concept of the U.S. Navy (Rev. A)
Deng Xiaoping leads PRC	1978				Sea Plan 2000 (S)
Deng Xiaoping leads PRC	1978		Claytor		CNO Strategic Concepts (TS)
Deng Xiaoping leads PRC	1979				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		
Bekka Valley battles	1982		Lehman		
Beirut/Grenada ops	1983			Watkins	Maritime Strategy (Brief) (S)
Iran-Iraq War	1984				Maritime Strategy (Pub) (S)
Gorbachev is GSCPSU	1985				Amphibious Warfare Strategy (S), Maritime Strategy (S)
Goldwater-Nichols Act	1986				Maritime Strategy (U)
US air strikes on Libya	1987				
Operation Praying Mantis	1988		Webb	Trost	Maritime Strategy (Rev) (U)
Panama intervention/Cold War ended	1989		Ball		
Iraq invaded Kuwait/Somalia Ops	1990	Bush	Garrett		Maritime Strategy (Rev) (S)
Gulf War/Somalia Ops	1991				Maritime Strategy (Rev) (U)
Somalia/Adriatic Ops/Southern Watch	1992		Carlucci		The Way Ahead
Somalia/Adriatic/Haiti Ops/Southern Watch	1993		Cheney		Navy Policy Book, ... From the Sea
Somalia/Adriatic/Haiti Ops	1994	Clinton	Aspin		NDP 1: Naval Warfare
Somalia/Adriatic/Haiti Ops	1995				Forward... From the Sea
Desert Strike/Taiwan Straits Crisis	1996		Perry		Navy Operational Concept (NOC); Anytime, Anywhere
Hong Kong restored to China	1997				
Operation Desert Fox	1998		Cohen		Navy Strategic Planning Guidance (NSPG) I (S)
Operation Allied Force/Kosovo occupied	1999				Navy Strategic Planning Guidance (NSPG) II (U)
USS Cole attacked	2000		Danzig		
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				
IO tsunami	2004				NSP ISO POM 08, NOC, NSP ISO POM 10
Hurricane Katrina	2005				
Lebanon evacuation/DPRK nuclear test	2006			Mullen	Cooperative Strategy, NSP ISO POM 10 (Change 1)
Pakistan unrest	2007			Roughhead	NSG ISO PR 11, NSP ISO POM 12
Somalia, Nigeria piracy	2008				NOC, NDP 1 Naval Warfare, NSP ISO POM 13
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	Defense Policy & Planning Guidance	Zumwalt	Project SIXTY (S)
1970		NSSMs & NSDMs		USN	JSPs & PPBS documents		
1971		Shanghai Communique, ABM Treaty	Richardson				
1972							
1973							
1974	Ford	NSDM 242	Schlesinger	Brown	SECDEF Posture Statements	Holloway	Missions of the U.S. Navy
1975				USAF			Strategic Concept for the U.S. Navy (S)
1976		NSDM 344, NSDM 348	Rumsfeld				NWP 1 Strategic Concepts of the U.S. Navy
1977	Carter	PRM 10, PD 18	Brown	Jones	Contingency Planning Guidance	Hayward	NWP 1 (Rev. A) Strategic Concepts of the U.S.N. Sea Plan 2000 (S)
1978		PRMs & PDs		USAF	DOD 5100.1		CNO Strategic Concepts (TS)
1979					Defense Guidance (DG)		Future of U.S. Sea Power (U)
1980		Carter Doctrine, PD 59, PD 62, PD 63	Weinberger				
1981	Reagan	NSSDs & NSDDs			Weinberger Doctrine	Watkins	Maritime Strategy (Brief) (S)
1982		NSDD 13		Vessey			Maritime Strategy (Pub) (S)
1983		NSDD 32, NSDD 72		USA			Amphib. Warfare Strategy (S), Maritime Strategy (S)
1984		NSDD 75					Maritime Strategy (U)
1985		SDI					
1986		Reagan Doctrine		Crowe			
1987		INF Treaty, NSDD 265		USN	1st "Forces For" memo	Trost	Maritime Strategy (Rev) (U)
1988		National Security Strategy	Carlucci		DOD 5100.1		
1989	GHWBush	National Security Strategy	Cheney	Powell	Discriminate Deterrence		Maritime Strategy (Rev) (S)
1990		NSRs & NSDs		USA	National Military Strategy		Maritime Strategy (Rev) (U)
1991		National Security Strategy, NSD 49			Base Force		
1992		National Security Strategy, PNI			JT PUB 1, DPG, CPG	Kelso	The Way Ahead
1993		NSD 74			National Military Strategy		Navy Policy Book, ...From the Sea
1994	Clinton	National Security Strategy	Aspin		Bottom-Up Review		
1995		PRDs & PDDs (Start II Treaty)		Shali	Nuclear Posture Review	Boorda	NDP 1 Naval Warfare
1996		National Security Strategy, PDD 25		USA	Joint Pub 1: NMS, CORM		Forward...From the Sea
1997		National Security Strategy, PDD 32	Perry		JV 2010	Johnson	
1998		National Security Strategy			QDR, National Military Strategy		NOC; Anytime, Anywhere
1999		National Security Strategy, PDD 56, PDD 60	Cohen	Shelton			NSPG I (S)
2000		National Security Strategy, Clinton Doctrine		USA			NSPG II (U)
2001	GWBush	National Security Strategy	Rumsfeld		JV 2020, JT PUB 1	Clark	
2002		NSPDs, HSPDs			Nuclear Posture Review, QDR		SP 21 & Global CONOPs, Naval Power 21
2003		National Security Strategy, SORT		Myers	SFG, TPG, CPG, SCG		NOCJO, Fleet Response Plan
2004		NSCWMD, NSCT, PSI		USAF	JOpsC, C.JCS, JOCs, DOD 5100.1		
2005		NSPD 41/HSPD 13			GDPR, National Military Strategy		
2006		NSMS			National Defense Strategy, SCA		
2007		National Security Strategy, MOTR		Pace	CCJO, NMSPWOT	Mullen	NSP ISO POM 08 (U) (S), NOC
2008		NSCT, NSHS	Gates	USMC	NTMCSWMD, QDR, DOD 5100.1		NSP ISO POM 10 (S)
2009	Obama	PSDs, PPDs		Mullen	JT PUB 1		Cooperative Strategy, NSP ISO POM 10 (Ch 1) (S)
2010		National Security Strategy		USN	GDF GEF	Roughhead	NSG ISO PR 11 (S), NSP ISO POM 12 (S)
					National Defense Strategy		NOC, NDP 1, NSP ISO POM 13 (S)
					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 692K	LCC, DSRV, P-3C, KA-6D, ITASS, NOSIC, FOSIF
1971			\$129B 15 702 623K	AMCM, A-6E, EA-6B EW a/c, Poseidon MIRV SLBM
1972			\$132B 15 654 588K	MK 48 Torpedo, OSIS, SOSUS upgrade, FLTCORGRUs
1973			\$128B 9 584 564K	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 546K	F-14 AAW a/c, S-3A ASW a/c, TACAMO, AIM-54 Phoenix
1975			\$120B 21 496 535K	CWC, Nimitz-class CVN, Spruance-class DD
1976			\$121B 15 476 524K	Los Angeles SSN, Tarawa LHA, Harpoon, Sea Sparrow
1977			\$131B 15 464 530K	Perry-class FFG, CVBG, TENCAP, Pegasus PHM
1978	Hayward	NWP 1 Strategic Concepts Sea Plan 2000 (S)	\$131B 18 468 530K	FLTSATCOM, GPS satellite, W76 warhead
1979		CNO Strategic Concepts (TS)	\$128B 16 471 522K	Trident 1 C-4 SLBM, CAPTOR mine, US-3A COD
1980		Future of U.S. Sea Power	\$129B 11 477 527K	Near-Term Prepositioned Ships, EA-6B ICAP II
1981			\$140B 18 490 540K	Phalanx CIWS, Kidd-class DDG, JOTS
1982	Watkins	Maritime Strategy (Brief)(S)	\$154B 17 513 553K	Ohio-class SSBN, INMARSAT, lowa-class BB
1983		Maritime Strategy (Pub)(S)	\$170B 14 514 558K	Tico Aegis CG, Dry deck shelters, TACTAS, Mk67 SLMM
1984		Amphibious Warfare Strategy (S)	\$169B 16 524 565K	T-LAM, F/A-18AB, SH-60B Lamps III, LEASAT, S-3B
1985		Maritime Strategy (Rev)(S)	\$188B 19 541 571K	T-AGOS, LCAC, Skipper LGB, Nixie, Super-CAG, AGM-123, ARS
1986	Trost	Maritime Strategy (U)	\$185B 20 556 581K	Mk 41 VLS, ELF SSBN Comms, HARM, NTU, T-AH, T-AO 187
1987		Maritime Strategy (Rev)(U)	\$183B 17 568 587K	F/A-18C/D, MCM, MH-53E AMCM helo, Pioneer UAV
1988		Maritime Strategy (Rev)(S)	\$189B 15 565 593K	F-14B AAW a/c, W88 warhead
1989		Maritime Strategy (Rev)(U)	\$176B 19 566 593K	Improved Los Angeles SSN, ELF, E-6A, MK60 ALWT, SH-60F
1990		Maritime Strategy (Rev)(U)	\$172B 15 547 583K	Wasp LHD, SLAM ASM, Trident II D-5 SLBM, MK 48 ADCAP
1991	Keiso	The Way Ahead	\$169B 11 526 571K	Tomahawk use, ROTH-R, ES-3A, T-45A trainer a/c
1992		Navy Policy Book, ... From the Sea	\$149B 11 466 542K	Burke-class DDG
1993			\$138B 7 435 510K	UHF FO satellite, MILSTAR, Cyclone PC, AMRAAM, Osprey MHC
1994	Boorda	NDP 1 Naval Warfare Forward... From the Sea	\$123B 4 391 469K	S/PRNET, Link 16, TLAM Block III, Supply-class T-AOE
1995			\$121B 4 373 435K	Fifth Fleet, DMS e-mail
1996	Johnson	Navy Operational Concept; Anytime, Anywhere	\$120B 5 356 417K	F-14 Bombar, NSAWC
1997			\$116B 4 354 396K	Seawolf SSN, F-14 LANTIRN pod, T-45C, JSOW AGM, SSDS
1998			\$117B 5 333 382K	IT-21, JDAM, GBS satellite, JTIDS, E-6B
1999		NSPG I (S)	\$118B 5 317 373K	Nuika decoy
2000		NSPG II (U)	\$120B 6 318 373K	SLAM-ER ASM, MNCI
2001	Clark		\$126B 6 316 378K	F/A-18EF, operational chat, GCCC-M
2002		Sea Power 21 & Global CONOPs,	\$130B 6 313 383K	CENTRIX-M network, COWAN, MH-60S helo, CEC
2003		Naval Power 21	\$154B 5 297 382K	P-3C overland ops, Mobile Security Groups, HSV Swift
2004		NOCJO, Fleet Response Plan	\$147B 7 291 373K	FLTAGWCOM, MARFPCOM, BMD tracking, TACTOM
2005	Mullen	NSP ISO POM 08, NOC	\$155B 8 282 362K	Virginia SSN, FAO, LRSR, ScantEagle, SM-3 BIK/IA ABM
2006		NSP ISO POM 10	\$162B 4 281 350K	NECC, Riverine Group, AIS, L & C-class T-AKE, CLREC
2007	Roughhead	Cooperative Strategy, NSP (CH 1)	\$165B 5 279 338K	MCAG, MH-60R ASW helo, RPB, DDG RMS, AESA
2008		NSG ISO PR 11, NSP ISO POM 12	\$176B 3 282 332K	Ohio-class SSGN, INLS, BLU-126/B, Freedom LCS, MOC
2009		NOC, NDP 1, NSP ISO POM 13	\$176B 8 285 329K	MH-60S E-2D, MK 38 MOD II 25mm chain gun
2010			\$183B 7 288 328K	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		CNO testimony	770 >	584	
1974	Holloway	SECDEF Schlesinger goal	600 >	512	Missions of the U.S. Navy Strategic Concept for the U.S.N. (S)
1975		NSDM 344	575 >	496	
1976		Sea Plan 2000	575 >	476	
1977		CNO testimony	600 >	464	
1978	Hayward	CNO testimony	585-439 >	468	NWP 1 Strategic Concepts, Sea Plan 2000 (S)
1979		Reagan platform	600 >	471	Future of U.S. Sea Power
1980		DOD & SECNAV goal	600 >	477	
1981		DOD & SECNAV goal	600 >	490	
1982		DOD & SECNAV goal	600 >	513	Maritime Strategy (Brief) (S)
1983	Watkins	DOD & SECNAV goal	600 >	514	Maritime Strategy (Pub) (S)
1984			600 >	524	Amphib. Warfare Strategy (S), Maritime Strategy (S)
1985			600 >	541	Maritime Strategy (U)
1986	Trost	DOD & SECNAV goal	600 >	556	Maritime Strategy (Rev) (U)
1987			600 >	568	
1988				565	
1989				566	Maritime Strategy (Rev) (S)
1990				547	Maritime Strategy (Rev) (U)
1991	Kelso	DOD Base Force	450 416 <	526	The Way Ahead
1992			450 416 <	466	Navy Policy Book, ... From the Sea
1993		DOD Bottom Up Review (BUR)	450 416 <	435	NDP 1 Naval Warfare, Forward... From the Sea
1994			346 <	391	
1995	Boorda		346 <	373	
1996			346 <	356	
1997	Johnson	QDR #1 (USN View)	310 305 <	354	NOC; Anytime, Anywhere
1998			310 305 <	333	
1999			310 305 <	317	NSPG I (S)
2000			360 305 <	318	NSPG II (U)
2001	Clark	30-Yr Shipbuilding Report	310 <	316	
2002		QDR #2 (USN View)	375 >	313	SP 21 & Global CONOPs, Naval Power 21
2003		USN Global CONOPs	375 >	297	NOCJO, Fleet Response Plan
2004			375 >	291	
2005			325 260 >	282	
2006	Mullen	USN Interim Long-Range Plan	313 >	281	NSP ISO POM 08, NOC
2007		DON Long-Range Plan	313 >	279	NSP ISO POM 10, Cooperative Strategy, NSP
2008	Roughhead	DON Long-Range Plan	313 >	282	
2009			313 >	285	NSG ISO PR 11, NSP ISO POM 12
2010		SECDEF QDRIP comment	323 313 >	288	NOC, NDP 1, NSP ISO POM 13

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