

BRAC 2005 LESSONS LEARNED

- **SUBASE NEW LONDON MILITARY
VALUE ANALYSIS**

JOHN MARKOWICZ

FRANK “MICK” O’BEIRNE

RICK NORRIS

GABE STERN

SUBASE NEW LONDON MILITARY
VALUE ANALYSIS
1993 - 2005

- **OBJECTIVES:**
 - **COMPREHENSIVE ANALYSIS OF PROCESSES AND RESULTS**
 - **IDENTIFY SIMILARITIES AND TRENDS**
 - **TABULATE MILITARY VALUE ENHANCEMENTS WITH HIGH INVESTMENT RETURN POTENTIAL**

SUBASE NEW LONDON

MILITARY VALUE ANALYSIS

1993-2005

- **OBSERVATIONS:**

- **PROCESS CONSISTENCY IN BOTH FORM AND SUBSTANCE**
- **ANALYSIS TEAM HAD A KEY MEMBER**
- **BATTLE FORCE STRUCTURE HAS BEEN SIGNIFICANTLY REDUCED**
- **SSN % OF BATTLE FORCE IS SMALLER**
- **SUBASE NEW LONDON ALWAYS RANKED LOW/NEAR THE BOTTOM**
- **SUBASE NEW LONDON SHORTFALL PRIMARILY INFRASTRUCTURE AND LOCATION**
- **CONFIGURATION ANALYSIS “RULES” CAN TRUMP MILITARY VALUE**

BATTLE FORCE STRUCTURE

Fiscal Year	92	93	94	95	96	97	98	99	00	05	14	24
BRAC 93 BATTLE FORCE	466			427		425						
BRAC 95 BATTLE FORCE			468			408		394				
BRAC 2005 BATTLE FORCE										325	338	341- 370
SSNs (in service)	88		84	81		75		63	56	54	55	38- 48
SSNs as % of TOTAL FORCE	19%		18%	19%		18%		16%		17%	16%	11- 13%

MILITARY VALUE MATRIX SCORING QUESTIONS

1993 – Can you homeport/berth Tridents at your installation?

1995 – Can the base berth Trident submarines in a cold iron status?

2005 – Does installation have the ability to homeport SSBNs to include the ability to meet weapons stowage, transportation, maintenance and handling requirements?

1993 – Is there a commercial shipyard with a graving dock in the harbor complex?

1995 – Are NAVSEA Certified commercial dry docks available in the harbor complex?

2005 – How many NAVSEA Certified graving docks are in your natural harbor complex?

MILITARY VALUE MATRIX SCORING QUESTIONS

1993 – Are there unique training facilities at this station?

1995 – Are there unique training facilities at this station?

2005 – List and describe any unique/specialized capabilities or missions performed by your activity? (*Deleted*)

1993 – Is the activity clear of waterway, harbor, and approach restrictions?

1995 – Activity has no significant maintenance dredging restrictions?

2005 – Does your harbor/channel require dredging operations?

BRAC 1993 DON MILITARY VALUE RANKINGS

RANKING	NAVAL BASE/STATION	MILITARY VALUE	STATUS
1	NS NORFOLK VA	74.4	
2	NAS NORTH ISLAND CA	66.2	
3	NS SAN DIEGO CA	64.7	
4	NS BREMERTON WA	63.9	
5	NS MAYPORT FL	59.9	
6	NS PEARL HARBOR HI	59.2	
7	SUBASE SAN DIEGO CA	55.8	
8	NS CHARLESTON SC	54.1	Closed
9	NAB LITTLE CREEK VA	53.2	
10	NS INGLESIDE TX	49.5	Closed BRAC 2005
11	SUBASE PEARL HARBOR HI	49.1	
12	NAS ALAMEDA CA	48.2	Closed
13	SUBASE KINGS BAY GA/SUBASE BANGOR WA	46.9	
14	NS TREASURE ISLAND CA	44.6	Closed
15	NS PASCAGOULA MS	43.3	Closed BRAC 2005
16	NS EVERETT WA	42.8	
17	NS MOBILE AL	42.7	Closed
18	NS NEWPORT RI	42.3	Realigned
19	SUBASE NEW LONDON CT	40.2	
20	NS STATEN ISLAND NY	34.4	Closed

BRAC 1995 DON MILITARY VALUE RANKINGS

RANKING	NAVAL BASE/STATION	MILITARY VALUE	STATUS
1	NS MAYPORT FL	65.8	
2	NS PEARL HARBOR HI	65.0	
3	SUBASE KINGS BAY GA	64.9	
4	NS NORFOLK VA	64.2	
5	NAS NORTH ISLAND CA	61.5	
6	SUBASE PEARL HARBOR HI	59.6	
7	NS SAN DIEGO CA	59.5	
8	NS EVERETT WA	58.7	
9	SUBASE SAN DIEGO CA	58.2	
10	SUBASE BANGOR WA	57.2	
11	NS INGLESIDE TX	55.2	Closed 2005
12	COMNAVMARIANAS GU	51.4	Realigned
13	NS ROOSEVELT ROADS PR	48.4	Closed non-BRAC
14	NAB LITTLE CREEK VA	47.8	
15	SUBASE NEW LONDON CT	44.7	
16	NS PASCAGOULA MS	42.3	Closed BRAC 2005

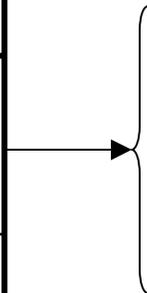
BRAC 2005 DON MILITARY VALUE RANKINGS

RANKING	NAVAL BASE/STATION	MILITARY VALUE	STATUS
1	NS PEARL HARBOR HI	74.50	
2	NS NORFOLK VA	67.51	
3	SUBASE KINGS BAY GA	63.51	
4	NS BREMERTON WA	63.25	
5	SUBASE BANGOR WA	62.98	
6	NS SAN DIEGO CA	61.43	
7	SUBASE SAN DIEGO	59.68	
8	NS EVERETT WA	58.29	
9	NAB LITTLE CREEK VA	55.90	
10	NS MAYPORT FL	55.71	
11	NS EVERETT WA	50.68	
12	SUBASE NEW LONDON CT	50.68	
13	COMNAVMARIANAS GU	47.67	
14	NS INGLESIDE TX	42.23	Closed
15	WPNSTA EARLE COLTS NECK NJ	39.07	
16	NS PASCAGOULA MS	37.08	Closed

MILITARY VALUE MATRIX COMPARISON

BRAC 1993				
Category	Points	%	SUBASE NLON	Point %
Ship Berthing	30.4	48.1	6.23	27
Ship Maintenance	17.7		6.85	
Training	10.2	10.2	3.08	30
Logistics	7.0	7.0	4.05	58
Operational Factors	6.9	6.9	3.93	57
Environment	13.1	27.8	7.35	56
Quality of Life	14.7		8.68	59
TOTAL	100.0		40.17	

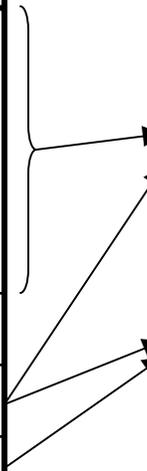
BRAC 1995				
Category	Points	%	SUBASE NLON	Point %
Operational Infrastructure	30.7	46.64	6.8	37
Base Infrastructure & Investment	5.37		2.8	
Maintenance	10.57		7.6	
Training	18.72	18.72	12.0	64
Logistics	5.23	5.23	1.6	31
Operations	8.21	8.21	2.2	27
Encroachment, Environment, & Expansion	9.14	21.17	4.5	49
Quality of Life	12.03		7.2	60
TOTAL	100.00		44.7	



MILITARY VALUE MATRIX COMPARISON

BRAC 1995				
Category	Points	%	SUBASE NLO	Point %
Operational Infrastructure	30.7	46.64	6.8	37
Base Infrastructure & Investment	5.37		2.8	
Maintenance	10.57		7.6	
Training	18.72	18.72	12.0	64
Logistics	5.23	5.23	1.6	31
Operations	8.21	8.21	2.2	27
Encroachment, Environment, & Expansion	9.14	21.17	4.5	49
Quality of Life	12.03		7.2	60
TOTAL	100.00		44.7	

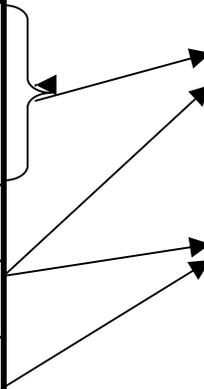
BRAC 2005				
Category	Points	%	SUBASE NLO	Point %
Operational Infrastructure	38.50	38.50	12.32	32
Operational Training	24.50	24.50	17.47	71
Port Characteristics	16.25	16.25	8.83	54
Environment & Encroachment	9.75	18.75	6.28	64
Personnel Support (Quality of Life)	9.00		5.79	64
TOTAL	100.00		50.69	



MILITARY VALUE MATRIX COMPARISON

BRAC 1993				
Category	Points	%	SUBASE NLON	Point %
Ship Berthing	30.4	48.1	6.23	27
Ship Maintenance	17.7		6.85	
Training	10.2	10.2	3.08	30
Logistics	7.0	7.0	4.05	58
Operational Factors	6.9	6.9	3.93	57
Environment	13.1	27.8	7.35	56
Quality of Life	14.7		8.68	59
TOTAL	100.0		40.17	

BRAC 2005				
Category	Points	%	SUBASE NLON	Point %
Operational Infrastructure	38.50	38.50	12.32	32
Operational Training	24.50	24.50	17.47	71
Port Characteristics	16.25	16.25	8.83	54
Environment & Encroachment	9.75	18.75	6.28	64
Personnel Support (Quality of Life)	9.00		5.79	64
TOTAL	100.00		50.69	



MILITARY VALUE MATRIX - TRENDS

SUBBASE NEW LONDON POINT RATIOS			
CATEGORY	BRAC 1993	BRAC 1995	BRAC 2005
OPERATIONAL INFRASTRUCTURE	13/48 (27%)	17/47 (36%)	12/39 (31%)
OPERATIONAL TRAINING	3/10 (30%)	12/19 (63%)	17/25 (68%)
PORT CHARACTERISTICS	4/7 (58%)	2/5 (40%)	9/16 (56%)
ENVIRONMENT & ENCROACHMENT	7/28 (25%)	5/21 (24%)	6/19 (32%)
PERSONNEL SUPPORT (QUALITY OF LIFE)	9/15 (60%)	7/12 (58%)	6/9 (67%)

BRAC 2005 – OPERATIONAL INFRASTRUCTURE
MILITARY VALUE POINT DEFICIT (≥ 50%)

QUESTION NUMBER	CATEGORY	INFRASTRUCTURE ITEM	POINT DEFICIT
SEA – 1	Ship Berthing	Multiple Combatant Piers	2.92
SEA - 2		Cold Iron CVN Piers	4.15
SEA – 3		SSBN Homeport piers (plus weapons)	4.15
SEA – 4		Adequate Piers	3.52
SEA – 5		Modern Piers	1.50
SEA – 6		Internet Capable Piers	1.28
SEA – 7	Ship Maintenance	IMA Capacity	1.56
SEA – 8		Floating Drydocks	1.58
SEA – 12		Graving Docks	1.08
SEA – 17	Munitions Storage	Magazine Capacity	0.40
SEA – 18	Staff Facilities	Building Capacity	0.29
		TOTAL DEFICIT	22.43
		CVN PIER ADJUSTMENT	-4.15
		ADJUSTED DEFICIT	18.28

BRAC 2005 – OPERATIONAL TRAINING
MILITARY VALUE POINT DEFICIT (≥ 50%)

QUESTION NUMBER	CATEGORY	INFRASTRUCTURE ITEM	POINT DEFICIT
SEA – 24	Facilities	Pipeline Training Facilities	1.57
SEA -- 29	Geographic Location	Distance to Submarine Training Range	3.15
		TOTAL DEFICIT	4.72

BRAC 2005 – PORT CHARACTERISTICS
MILITARY VALUE POINT DEFICIT (≥ 50%)

QUESTION NUMBER	CATEGORY	INFRASTRUCTURE ITEM	POINT DEFICIT
SEA – 32	Geographic Location	Distance to 50 Fathom Curve	2.08
SEA -- 33	Harbor Characteristics	CVN/CV Harbor Channel	2.08
SEA – 37	Geographic Location	Strategic Location	3.43
SEA – 39	Facilities	Anti-Terrorism Facility Specifications	0.64
SEA – 43	Facilities	Fleet/Industrial Supply and Storage	0.49
TOTAL DEFICIT			8.72
CVN CHANNEL ADJUSTMENT			-2.08
ADJUSTED DEFICIT			6.64

BRAC 2005 – ENVIRONMENT & ENCROACHMENT
MILITARY VALUE POINT DEFICIT (≥ 50%)

QUESTION NUMBER	CATEGORY	INFRASTRUCTURE ITEM	POINT DEFICIT
ENV – 1	Harbor Characteristics	Dredging	0.57
ENV -- 2	Property	Land Constraints	1.51
ENV – 5	Facilities	Waste Disposal	0.40
ENV – 8	Emission Control	Air Quality	0.54
		TOTAL DEFICIT	3.02

BRAC 2005 – PERSONNEL SUPPORT (QUALITY OF LIFE)
MILITARY VALUE POINT DEFICIT (≥ 50%)

QUESTION NUMBER	CATEGORY	INFRASTRUCTURE ITEM	POINT DEFICIT
PS – 1	Facilities	In-Patient Military Treatment Facility	1.01
PS -- 3	Facilities/Housing	Housing Availability/Affordability	1.20
PS – 5	Higher Education	Post Secondary Education Availability	0.13
TOTAL DEFICIT			2.34

CONFIGURATION ANALYSIS “RULES”

BRAC 1993

- Only one SSN/SSBN unique base complex per fleet
- NORFOLK and SAN DIEGO fleet concentration complexes are part of any solution

BRAC 1995

- SSBNs berthed/supported at KINGS BAY and BANGOR
- CVNs/CVs berthed/supported at NORFOLK, MAYPORT, EVERETT, SAN DIEGO

BRAC 2005

- One SSBN homeport per coast
- Two ports on each coast capable of cold iron berthing a nuclear powered carrier

SUBASE NEW LONDON

MILITARY VALUE ANALYSIS

1993-2005

- **OBSERVATIONS:**

- **PROCESS CONSISTENCY IN BOTH FORM AND SUBSTANCE**
- **ANALYSIS TEAM HAD A KEY MEMBER**
- **BATTLE FORCE STRUCTURE HAS BEEN SIGNIFICANTLY REDUCED**
- **SSN % OF BATTLE FORCE IS SMALLER**
- **SUBASE NEW LONDON ALWAYS RANKED LOW/NEAR THE BOTTOM**
- **SUBASE NEW LONDON SHORTFALL PRIMARILY INFRASTRUCTURE AND LOCATION**
- **CONFIGURATION ANALYSIS “RULES” CAN TRUMP MILITARY VALUE**