

Department of the Navy



INFRASTRUCTURE ANALYSIS TEAM
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IAT/REV

24 March 2004

MEMORANDUM FOR THE INFRASTRUTURE EVALUATION GROUP (IEG)

Subj: REPORT OF IEG DELIBERATIONS OF 19 MARCH 2004

- Encl: (1) IAT Military Value Weighting Brief for
 Surface/Subsurface Operations Functions of
 19 March 2004
 (2) Surface/Subsurface Operations Military Value
 Evaluation Questions
 (3) Surface/Subsurface Function Military Value Matrices

1. The third deliberative session of the Department of the Navy (DON) Infrastructure Evaluation Group (IEG) convened at 0940 on 19 March 2004 in the Infrastructure Analysis Team (IAT) conference room located at Crystal Plaza 6, 9th floor. The following members of the IEG were present: Mr. H. T. Johnson, Chair; Ms. Anne R. Davis, Vice Chair; VADM Charles W. Moore, Jr., USN, Member; Mr. Thomas R. Crabtree, alternate for VADM Albert H. Konetzni, USN, Member; Mr. Michael Jaggard, alternate for Dr. Michael F. McGrath, Member; Dr. Russ Beland, Member; and, Mr. Ronnie J. Booth, Navy Audit Service (NAVAUDSVC), Representative. LtGen Richard L. Kelly, USMC, Member, entered the deliberative session at 1000. LtGen Michael A. Hough, USMC, Member, was not present. The following IAT members were present: Mr. Dennis Biddick; Mr. David W. LaCroix; CAPT Chris T. Nichols, USN; CDR Edward J. Fairbairn, USN; CDR Robert E. Vincent II, JAGC, USN; CDR Carl Deputy, USN; LtCol Terri Erdag, USMC; LtCol Robert R. Mullins, USMCR; LCDR Daniel Frost, USN; LCDR Brian D. Miller, USNR; LCDR Steven J. Cincotta, USN; LCDR Timothy Cowan, CEC, USN; and, Capt James A. Noel, USMC.

2. Ms. Davis reviewed the issues raised and decisions made by the IEG during the 4 March 2004 deliberative session using enclosure (1). She noted the objective of this deliberative session was to develop a complete Military Value Scoring Plan for Surface/Subsurface Operations. Before reviewing the scoring plan, the IEG agreed to assign the label, "Surge Capabilities", and abbreviation, "SC", to selection criteria 3.

3. CAPT Nichols and the IAT Operations Team members provided proposed Surface/Subsurface Operations Military Value Evaluation Questions to the IEG by attribute and component. During the

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presentation, Ms. Davis informed the IEG that the proposed scoring statements and roll-up questions had been revised by the IAT in an effort to address issues previously raised by the IEG.

4. The IEG recessed at 1035 and reconvened at 1046. All IEG members present when the IEG recessed were again present. Additionally, Mr. Ronnie J. Booth and all IAT members identified in paragraph 1 were present when the IEG reconvened the deliberative session.

5. The IEG concurred with the IAT recommended resolutions and approved the scoring statements. Except as noted below, the IEG approved the roll-up questions, including apportionment where necessary, for the following attributes and their respective components: Operational Infrastructure, Operational Training, Port Characteristics, and Environment and Encroachment. See enclosure (2). The IEG directed the following actions:

a. Add the following question to scoring statement SEA-7: "What is the Maximum Capacity Index for Ship Maintenance for your on-base IM facilities (DLH)?" The IEG determined that question SEA-7a captured the throughput of an activity's IM facilities. The additional question, SEA-7c, would capture the maximum capacity of an activity's IM facility. With the inclusion of the additional question, the IEG reapportioned the questions as SEA-7a (0.6), SEA-7B (0.2), and SEA-7c (0.2), respectively.

b. Reconstruct roll-up question SEA-15 by requesting applicable activities to list and describe specialized capabilities or missions performed by the activity in order to enable the IEG to determine whether a capability or mission is specialized.

c. Reconstruct roll-up question SEA-38 to exclude the weather restriction already identified in scoring statement SEA-34.

d. Delete question 47b (ENV-4b) since the question does not impact military value.

The IAT will revise roll-up questions SEA-15 and SEA-38 and present them to the IEG for approval at the next deliberative session. Upon IEG approval of the revised questions, enclosure (2) will be updated to reflect the changes.

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6. After the IEG approved the scoring statements for the four attributes and their respective components, it placed the scoring statements in one of three bands (Band 1, 2, or 3 in descending order of importance). See enclosures (2) and (3).

a. Operational Infrastructure. The IEG approved the bands recommended by the IAT, except that the band for scoring statement SEA-6 was changed from "2" to "3".

b. Operational Training. The IEG approved the bands recommended by the IAT, except the bands for scoring statements SEA-19 through SEA-22 were changed from "2" to "3".

c. Port Characteristics. The IEG approved the bands recommended by the IAT, except the band for scoring statement SEA-34a-b was changed from "2" to "3", SEA-38 was changed from "1" to "2", and SEA-39a-b through SEA-41 were changed from "3" to "2".

d. Environment & Encroachment. The IEG approved the bands recommended by the IAT, except the band for scoring statement 44 (ENV-1a-c) was changed from a "1" to "2", and 47 (ENV-4), 48 (ENV-5a-c), and 49 (ENV-6a-b) were changed from "2" to "3".

7. After the IEG approved the band placement for the four attributes and their respective components, it determined a numerical score. The numerical score for each scoring statement depended upon its band placement (i.e., Band 1: 6-10; Band 2: 3-7; and Band 3: 1-4). See enclosures (2) and (3).

8. The deliberative session adjourned at 1231.



ROBERT E. VINCENT II
Commander, JAGC, U.S. Navy
Recorder, IAT

TAB 1



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Military Value Weighing Deliberative Session

Surface / Subsurface Operations Function

19 March 2004

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Surface/Subsurface Operations Agenda

- **Review of last session decisions**
- **Objectives of this session:**
 - Review, modify, and approve matrix scoring statements and associated questions by component.
 - Address issues raised during last session.
 - Apportion questions where required.
 - Score scoring statements for each component.
 - Review scoring statements by attribute.
 - Assign scoring statements to Selection Criteria.
 - Assign weights to attributes under each Selection Criterion.
 - **Review calculated weighting results.**

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Surface/Subsurface Operations Agenda

The overarching objective is to develop, through the deliberative process, a complete Military Value scoring plan for Surface/Subsurface Operations Function.



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Selection Criteria Weights Review

Selection Criteria Weights for Surface / Sub-surface Operations Function – BRAC 2005

- 1. Readiness (R): 50**
- 2. Facilities (F): 20**
- 3. Surge Capabilities (S): 15**
- 4. Cost and Manpower (C): 15**



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Surface/Subsurface Operations Review

- **5 Attributes approved**
 - Operational Infrastructure
 - Operational Training
 - Port Characteristics
 - Environment and Encroachment
 - Personnel Support (QOL)
- **Questions reviewed with some issues raised.**



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Scoring Statement and Question Review

- **Attribute: Operational Infrastructure**
 - **Component: Ship Berthing**

Issue: The question(s) need to reflect pier age, giving credit for more modern piers.

Recommended Resolution: The scoring statement reflecting the condition of the pier will be retained to give credit for older/well maintained pier. Scoring statement added to reflect a relative value of pier modernization/age. The discriminator is for piers less than 15 years old.



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Scoring Statement and Question Review

- **Attribute: Operational Infrastructure**

- **Component: Ship Berthing**

Issue: The question(s) need to reflect pier IT connectivity to address operational connectivity and the ability to train with systems such as BFTT.

Recommended Resolution: Added a scoring statement to give credit for relative connectivity at the piers. Per BFTT Program Office and PEO C4I, piers with Base Level Information Infrastructure (BLII) meet this criteria. The question is phrased to ask for pier internet protocol (IP) connectivity as recommended by the BLII program.



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Scoring Statement and Question Review

- **Attribute: Operational Infrastructure**

- **Component: Maintenance**

Issue: The assessment of the SIMA/IMA needs to reflect “turnaround time.” Proximity to SIMA is not an issue.

Recommended Resolution: All current Navy ship bases have some form of IMA capability resident. Therefore, IAT agrees that proximity is not a discriminator. Turnaround time is a difficult comparison for the following reasons:

- Not being measured by the JCSCG
- Not all activities track it the same way
- Dependent upon the type of work
- Does not take into account the differences in priority assigned to ships deploying, etc.

In essence, there are too many variables to rely on this measure as a comparison of bases.

The scoring statement has been reworded to reflect capacity and capability only. Capacity will be reflected by the facilities available on the base (normalized by its size) and a capability discriminator will give credit for nuclear capability.



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Scoring Statement and Question Review

- **Attribute: Operational Infrastructure**
 - **Component: Ordnance Handling**

Issue: Concern about capacity and certification of on-base ordnance magazines

Recommended Resolution: The statement for the on-base ordnance magazine will be changed from yes/no (are there any) to a scaled statement reflecting the amount of ordnance storage capability at the base as reported in the capacity data call. The capacity data call questions specified the types of ordnance that can be stored, space certification and restrictions.



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Scoring Statement and Question Review

- **Attribute: Operational Training**
 - **Component: Small Arms Training**

Issue: The scoring statement needs to address the adequacy of the small arms range to meet AT/FP requirements.

Recommended Resolution: The question will address the relative capacity of the small arms range accessible to forces on the base. Size of the range will be scaled as appropriate to the size of the base.



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Scoring Statement and Question Review

- **Attribute: Port Characteristics**

- **Component: Operational Location**

Issue: Need to capture access / proximity to different transportation modes.

Recommended Resolution: For Surface / Subsurface Operations function, the level of importance for this issue is not as significant as for ground forces. However, specific questions under the Personnel Support attribute address proximity to population center and to a commercial airport.



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Scoring Statement and Question Review

- **Attribute: Port Characteristics**

- **Component: Strategic Location**

Issue: IEG will be asked to determine if a port's location is of strategic military value.

Background:

- Per Federal Register Final Selection Criteria, DoD stated that strategic location “informs” Selection Criteria one and three.
- Strategic Location used for Military Value in BRAC 95
- Guam, Pearl Harbor, and Roosevelt Roads received military value points for strategic location in 1995



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Scoring Statement and Question Review

- **Attribute: Port Characteristics**
 - **Component: Anti-terrorism/Force Protection**

Issue: Additional Fleet Input required

Recommended Resolution: Current questions retained. Still reviewing with CFFC.



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Scoring Statement and Question Review

- **Attribute: Personnel Support(QOL)**

- **Component: Various**

Issue: Concern raised on the number of scoring statements under this attribute.

Recommended Resolution: Questions for housing, non-military education and employment component have been “rolled up” to only one or two per component. MWR only has one scoring statement.



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Scoring Statement and Question Review

- **Attribute: Personnel Support (QOL)**

- **Component: Housing**

Issue: The statements need to reflect the Public-Private Venture (PPV) housing program, and adequately capture relative availability and affordability.

Recommended Resolution: Review of PPV programs indicates that the waiting list question is the best way to compare all bases with respect to supply and demand of on-base housing, regardless of PPV or government. Both types use waiting lists. Additional questions are used to address off base housing, similar to questions that were proposed for Selection Criteria 7.



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Scoring Statement and Question Review

- **Attribute: Personnel Support (QOL)**

- **Component: Housing**

Issue: Bachelor Housing needs to reflect housing that is not built but budgeted.

Recommended Resolution: Capacity questions used will capture both current and budgeted bachelor housing.



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Scoring Statement and Question Review

- **Attribute: Personnel Support**

- **Component: Follow-on Tour opportunities**

Issue: Concern that this is not current Navy Policy to promote “homesteading” opportunities for a portion of the service

Recommended Resolution: According to draft U. S. Navy Strategic Vision and Policy Imperatives, para 7.2:

“Navy should streamline management of shore infrastructure commands and align support infrastructure into fleet concentration areas to improve overall quality of service standards and to enhance geographic stability for Sailors and families throughout their careers.

Matrix scoring statement will be retained.



Attribute Weighting

With the Selection Criteria having been Weighted previously, the attributes must now be weighted as they apply to each Selection Criteria.

Selection Criteria (SC) Weighting	Readiness 50	Facilities 20	Surge 15	Cost 15	TOTAL 100
Attribute					
Operational Infrastructure					
Operational Training					
Port Characteristics					
Environment & Encroachment					
Personnel Support (QOL)					
	100	100	100	100	100

IEG Determines Attribute weights for each Selection Criteria



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Calculations

**IAT will complete preliminary
scoring sheet and display
results for IEG review.**



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Backup

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OSD Final

Selection Criteria #1

- ***“The current and future mission capabilities and the impact on operational readiness of the Department of Defense’s total force including impacts on joint warfighting, training and readiness.”***
- **Referred to as “Readiness” with the abbreviation “R” in BRAC 1995 deliberative documents.**

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OSD Final

Selection Criteria #2

- ***“The availability and condition of land, facilities and associated airspace (including training areas suitable for maneuver by ground, naval, or air forces throughout a diversity of climate and terrain areas and staging areas for the use of the Armed Forces in homeland defense missions) at both existing and potential receiving locations.”***
- **Referred to as “Facilities” with the abbreviation “F” in BRAC 1995 deliberative documents.**

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OSD Final

Selection Criteria #3

- ***“The ability to accommodate contingency, mobilization, and future total force requirements at both existing and potential receiving locations to support operations and training.”***
- **Referred to as “Mobilization and Capability” with the abbreviation “M” in BRAC 1995 deliberative documents.**

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OSD Final

Selection Criteria #4

- ***“The cost of operations and the manpower implications.”***
- **Referred to as Cost and Manpower with the abbreviation “C” BRAC 1995 deliberative documents.**

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TAB 2

Surface / Subsurface Operations
Military Value Evaluation Questions

Attribute: Operational Infrastructure

Component: *Ship Berthing*

SEA-1. Relative ability to berth multiple naval combatants.

SEA-1. What is the maximum combined CG Equivalent (CGE) capacity for your activity's piers / wharves? (CGEs)

Source: Capacity Data Call

Based on largest combined CGE value received from field, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

SEA-2. Relative number of CVNs that can be berthed in cold iron status.

SEA-2. How many CVNs can you berth at your activity in cold iron status? (Count)

Source: Capacity Data Call

Based on largest CVN berthing value received from field, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

SEA-3. Infrastructure supports homeporting of SSBNs.

SEA-3. Does the installation have the ability to homeport SSBNs to include the ability to meet weapons stowage, transportation, maintenance, and handling requirements?

Source: Data Call II

Binary value

SEA-4. Relative condition of the piers.

SEA-4. What is the combined total linear feet of berthing for your piers / wharves in the following categories:

Adequate Linear Feet	Substandard Linear Feet	Inadequate Linear Feet

Source: Capacity Data Call

Based on largest Adequate and Substandard (with .5 factor) Linear Feet value received from field, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Operational Infrastructure

Component: Ship Berthing (continued)

SEA-5. Relative value of pier modernization.

SEA-5. What is the combined total linear feet of berthing for your piers / wharves which completed construction on or after 1 Jan 1990? (Amplification: Construction includes major overhauls which significantly advanced the functionality of the piers commensurate with modern pier construction.)

Source: Data Call II

Based on largest value received from field, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

SEA-6. Relative value of pier Internet Protocol (IP) infrastructure.

SEA-6. What is the combined total linear feet of berthing for your piers / wharves which are configured with Internet Protocol (IP) connectivity?

Based on largest value received from field, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

Source: Data Call II

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Operational Infrastructure

Component: Ship Maintenance Capability

SEA-7a-b. Relative value of the on-base IM facility in terms of capability and capacity.

SEA-7a. (0.6) What is the Maximum Capacity Index for Ship Maintenance for your on-base IM facilities (DLH) divided by the maximum combined CG Equivalent (CGE) capacity for your activity's piers / wharves.

Source: Capacity Data Call (2 values)

Ratio of DLH to CGE to normalize capacity to ships berthing ability. Analyst will apply function for zero to maximum credit.

SEA-7b. (0.2) Is your nearest IM facility nuclear capable? (y/n)

Source: Capacity Data Call

Binary value.

SEA-7c. (0.2) What is the Maximum Capacity Index for Ship Maintenance for your on-base IM facilities (DLH).

Source: Capacity Data Call (2 values)

Analyst will apply function for zero to maximum credit.

SEA-8a-b. Relative value of the available drydocks in the harbor complex.

SEA-8a. (0.25) How many NAVSEA certified floating drydocks are in your natural harbor complex? (Count)

Source: Data Call II

Based on largest value received from field, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

SEA-8b. (0.75) How many NAVSEA certified graving drydocks are in your natural harbor complex? (Count)

Source: Data Call II

Based on largest value received from field, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

SEA-9. Relative value of proximity to the nearest nuclear capable shipyard.

SEA-9. What is the distance (safe navigation route) from your pier / wharf complex to the nearest nuclear capable shipyard? (Distance: nautical miles)

Source: Data Call II

Based responses received, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

Surface / Subsurface Operations-Military Value Evaluation Questions

SEA-10. Degaussing range available in the natural harbor complex.

SEA-10. Is there a degaussing range in the natural harbor complex? (y/n)

Source: Data Call II

Binary value.

Attribute: Operational Infrastructure

Component: *Ship Maintenance Capability (continued)*

SEA-11. Deperming facility available in the natural harbor complex.

SEA-11. Is there a deperming facility in the natural harbor complex? (y/n)

Source: Data Call II

Binary value.

SEA-12. Relative pier-side capable crane lift availability.

SEA-12. What is the maximum lift tonnage for any individual pier-side capable crane at your activity? (Tonnage)

Source: Capacity Data Call

Based on maximum tonnage received by the field , analyst will apply a function for zero credit to a maximum credit corresponding to this value.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: *Operational Infrastructure*

Component: *Specialized Security / Emergency Services*

SEA-13. Relative value of specialized security / emergency services capabilities.

SEA-13. Does the activity have specialized security / emergency service capabilities: (y/n)

<u>Capability</u>	<u>Yes/No</u>
Nuclear Weapons Security Requirements of Berthed SSBNs (0.25)	
Nuclear Weapons Handling (y/n) (0.25)	
Nuclear Weapons Radiological Accident Response (y/n) (0.25)	
Nuclear Reactor Radiological Accident Response (y/n) (0.25)	

Source: Data Call II

Binary values.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Operational Infrastructure

Component: Unique or Specialized Capabilities / Missions

SEA-14. Relative value of unique capabilities or missions.

SEA-14. List and describe any unique capabilities or missions performed by your activity. Unique is defined as a capability or mission performed at no other location.

Capability/Mission	Description

Source: Data Call II

Based upon responses received, IEG will evaluate and assign credit.

SEA-15. Relative value of specialized capabilities or missions.

SEA-15. Does your activity perform any of the following missions?: (y/n)

Capability/Mission	Yes/No	Explanation/Description
Homeland Defense		
Strategic Deterrence Missions		
Special Warfare		
Surveillance / Drug Interdiction		
Mine Warfare		
Landing Craft Capability (displacement or non-displacement)		

Source: Data Call II

Based upon responses received, IEG will evaluate and assign credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Operational Infrastructure

Component: Weapons Handling Capability

SEA-16. Relative value of ordnance handling pier capacity for your waterfront piers/wharves.

SEA-16. What is the combined maximum ordnance handling pier capacity for your waterfront piers / wharves? (Count) (Amplification: Maximum number of ships that can be moored to conduct ordnance handling evolutions at the combined pier / wharf complex.)

Source: Capacity Data Call

Based on responses received, analyst will apply a function for zero credit to maximum credit.

SEA-17. Relative value of on-base ordnance storage capability and capacity.

SEA-17. What is the total of current and appropriated ordnance capacity (tons) divided by the maximum combined CG Equivalent (CGE) capacity for your activity's piers / wharves?

Source: Capacity Data Call

Ratio of tons over CG Equivalents. Based on responses received, analyst will apply a function for zero credit to maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: *Operational Infrastructure*

Component: *Operational Staff Facilities*

SEA-18. Relative capacity of adequate administrative space.

SEA-18. What is the total square footage of adequate administrative space at your activity divided by the maximum combined CG equivalent? (SQ FT)

Source: Capacity Data Call

Ratio of SQ FT to CG Equivalents. Based on responses received, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Operational Training

Component: Training Facilities

SEA-19. Relative value of proximity to the nearest shipboard firefighting training facility.

SEA-19. What is the distance to the nearest shipboard firefighting training facility? (Distance: miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-20. Relative value of proximity to the nearest damage control training facility.

SEA-20. What is the distance to the nearest damage control training facility? (Distance: miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-21. Relative value of proximity to the nearest submarine training facility.

SEA-21. What is the distance to the nearest submarine training facility? (Distance: miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-22. Relative value of unique training capabilities.

SEA-22. List any unique operational training facilities at your activity (defined as facility which exists at no other location).

Facility Title (text)	Specific Location (text)	Training Objective (text)

Source: Capacity Data Call

Based upon responses received, IEG will evaluate and assign credit.

SEA-23. Relative value of proximity to the nearest ship handling training facility.

SEA-23. What is the distance to the nearest ship handling training facility? (Distance: miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Operational Training

Component: *Training Facilities (continued)*

SEA-24. Relative value of throughput for all local "C", "F" and other "pipeline" training schools.

SEA-24. What is the annual throughput for all "C", "F", and other pipeline training schools located within 50 miles of your activity?

Source: Capacity Data Call

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Operational Training

Component: OPAREAs / Ranges

SEA-25. Relative value of proximity to the nearest anti-air warfare range.

SEA-25. What is the transit distance (safe navigation route) to the nearest anti-air warfare range? (Distance: nautical miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-26. Relative value of proximity to the nearest naval gunnery qualification range.

SEA-26. What is the transit distance (safe navigation route) to the nearest naval gunnery qualification range? (Distance: nautical miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-27. Relative value of proximity to the nearest submarine operating area.

SEA-27. What is the transit distance (safe navigation route) to the nearest submarine operating area? (Distance: nautical miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-28. Relative value of proximity to the nearest mine warfare training area.

SEA-28. What is the transit distance (safe navigation route) to the nearest mine warfare training area? (Distance: nautical miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-29. Relative value of proximity to the nearest submarine training range.

SEA-29. What is the transit distance (safe navigation route) to the nearest submarine training range? (Distance: nautical miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: *Operational Training*

Component: *Small Arms Training*

SEA-30. Relative capability of the small arms range.

SEA-30. What is the maximum throughput of your activity's small arms range divided by the maximum combined CG Equivalent? (qualifications/year/CGE's)

Source: Capacity Data Call

Ratio of qualifications/year to CG Equivalents. Based on responses received, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Port Characteristics

Component: Operational Location

SEA-31. Relative value of the transit distance (safe navigation route) to sea.

SEA-31. What is the channel distance (safe navigation route) to sea? (Distance: nautical miles)

Source: Capacity Data Call

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-32. Relative value of the transit distance (safe navigation route) to the 50 fathom curve.

SEA-32. What is the transit distance (safe navigation route) to the 50 fathom curve? (Distance: nautical miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-33. Percent of the day the harbor channel allows CV/CVN transits.

SEA-33. What percent of the day (averaged for FY03) would your harbor channel allow CV/CVN transits? (%)

Source: Data Call II

Analyst will apply a function to answers from zero to 100 percent.

SEA-34a-b. Relative impact of local weather on operations.

SEA-34a. (0.8) In the table below, provide the percent of ship underways and arrivals delayed more than three hours due to weather.

	% Delay CY00	% Delay CY01	% Delay CY02	% Delay CY03
JAN				
FEB				
MAR				
APR				
MAY				
JUN				
JUL				
AUG				
SEP				
OCT				
NOV				
DEC				

Source: Data Call II

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Port Characteristics

Component: *Operational Location (continued)*

SEA-34b. (0.2) In the table below, provide the number of calendar days inport lost due to weather related emergency sorties.

	CY00	CY01	CY02	CY03
# of Days Lost				

Source: Data Call II

Based on maximum value received, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

SEA-35. Relative value of proximity to the nearest weapons station.

SEA-35. What is the transit distance (safe navigation route) to the nearest weapons station? (Distance: nautical miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

SEA-36. Relative value of proximity to the nearest Explosive Ordnance Detachment support.

SEA-36. What is the distance to the nearest Explosive Ordnance Detachment support? (Distance: miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Port Characteristics

Component: Strategic Location

SEA-37. Port location is of strategic military value.

SEA-37. What is the geographic location of the installation?

Source: Capacity Data Call

IEG determines which locations are of strategic military value.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Port Characteristics

Component: Port Restrictions

SEA-38. Relative impact of port/harbor restrictions on operations.

SEA-38. What percent of the week (averaged over FY03) was your harbor's operations limited due to dredging or other restrictions? (%)

Restriction	Percentage (%)
Dredging	
Other	

Source: Data Call II

Analyst will apply a function to answers from zero to 100 percent.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Port Characteristics

Component: Anti-Terrorism/Force Protection

SEA-39a-b. Relative value of buildings which meet structural criteria and/or perimeter standoff criteria?

SEA-39a. (0.4) What total square footage of your buildings comply with structural criteria (frame, walls, glazing, etc.) contained in DoD Minimum Antiterrorism Standards for Buildings (UFC 4-010-01)?

Source: Data Call II

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

SEA-39b. (0.6) What total square footage of your buildings meet the minimum perimeter standoff distance distances as specified in DoD Minimum Antiterrorism Standards for Buildings (UFC 4-010-01)?

Source: Data Call II

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

SEA-40. Adequate space available for Entry Control points to have vehicle search, holding areas, and rejection lanes.

SEA-40. Is adequate space available for all Entry Control Points (ECPs) to have vehicle search, holding areas, and rejection lanes as specified in UFC 4-010-01?

Source: Data Call II

Binary value.

SEA-41. Relative value of utility (government or commercial; electric or water) redundancy.

SEA-41. Is the installation supported by an electric or water utility (government or commercial) that is a single point source (no redundant capability)?

Source: Data Call II

Installation will receive 0.5 points for each listed utility that has redundancy.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Port Characteristics

Component: Locality Cost

SEA-42a-b. Relative value of the locality cost.

SEA-42a. (0.5) What is the GS Locality Pay percentage for your activity's geographical area? (%)

Source: Data Call II (Criterion 7)

Based on maximum value, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

SEA-42b. (0.5) What is your host installation's Area Cost Factor (ACF) as described in the DoD Facilities Pricing Guide? (Number)

Source: Data Call II

Based on maximum value, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

Attribute: Port Characteristics

Component: Supply and Storage

SEA-43. Relative value of proximity to the nearest Fleet and Industrial Supply Center.

SEA-43. What is the distance from your activity to the nearest Fleet and Industrial Supply Center? (Distance: miles)

Source: Data Call II

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Environment and Encroachment

Component: Dredging

ENV-1a-c. Relative value of known impediments to conducting dredging operations.

ENV-1a. (1.0) Does your harbor/channel require dredging operations?

Source: Data Call II

Binary. If no, full credit is applied. If yes, ENV-1b-c. apply.

ENV-1b. (0.75) Is a dredge spoil site identified? If so what is the remaining capacity?

Source: Capacity Data Call

Based on percentage of capacity remaining, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

ENV-1c. (0.25) Is dredging activity impacted because of the known or suspected presence of ordnance in the water?

Source: Capacity Data Call

Binary value.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Environment and Encroachment

Component: Land Constraints

ENV-2a-g. Relative value of land constraints at the installation and its outlying real property which restrict current operations.

ENV-2a. (0.2) Do electromagnetic radiation and/or emissions constrain operations?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-2b. (0.2) Are explosive safety waivers or exemptions in effect?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-2c. (0.2) Can existing Explosive Safety Quantity Distance (ESQD) arcs be expanded by 100 feet or more without encroaching on non-compatible areas and without requiring a special waiver?

Source: Capacity Data Call

Binary value.

ENV-2d. (0.1) Do any sites with high archeological potential, including sacred, Traditional Cultural Properties, or burial sites used by Native People, constrain current or future construction?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-2e. (0.1) Has the accommodation of the installation's missions been limited by existing or proposed activities of other military departments or other federal tribal state or local agencies being located on the installation, range or auxiliary field?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-2f. (0.1) Do wetlands result in restrictions on operations?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Environment and Encroachment

Component: Land Constraints

ENV-2g. (0.1) Are there operational testing/training restrictions as a result of the presence of Threatened and Endangered Species (TES), candidate species, biological opinions or sensitive resource areas?

Source: Capacity Data Call

Binary credit. Credit is applied for a "no" response.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Environment and Encroachment

Component: Encroachment

ENV-3a-c. Relative value of external encroachments which restrict operations

ENV-3a. (0.4) Have non-DoD parties (through developers, community organizations, etc.) formally requested transfer of DoD real property or proposed restrictions to operational procedures?

Source: Data Call II

Binary value. Credit is applied for a "no" response.

ENV-3b. (0.4) Are there hazardous waste contamination sites located off the installation that restrict or could restrict operations?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-3c. (0.2) Have noise abatement procedures been published for the installation, range or auxiliary field?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Environment and Encroachment

Component: Environmental Costs

ENV-4. Relative value of the costs associated with conducting the installation's environmental program.

ENV-4. Excluding DERA funds, provide the average annual total cost of environmental fees, studies, permits, licenses, projects, etc., over the last 3 fiscal years (FY01-03). Provide the annual installation budget over this same period. Divide the environmental costs by the installation budget.

Source: Data Call II

Based on response received, analyst will apply a function for zero credit to a maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Environment and Encroachment

Component: Waste Disposal

ENV-5a-c. Relative value of the capacity to dispose of solid or hazardous waste.

ENV-5a. (0.4) Does the installation have a permitted hazardous waste Resource Conservation and Recovery (RCRA) Treatment, Storage or Disposal (TSD) facility? (0.2) If so, does the hazardous waste TSD facility permit allow acceptance of off-site waste? (0.2)

Source: Capacity Data Call

Two binary values.

ENV-5b. (0.4) If the installation has a permitted solid waste disposal facility, what is the remaining capacity?

Source: Capacity Data Call

Based upon maximum capacity remaining, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

ENV-5c. (0.2) Does the installation have an interim or final RCRA Subpart X permit for operation of an open burning/open detonation facility? (0.1) If so, does the RCRA Subpart X permit allow acceptance of off-site waste (e.g. from other DoD facilities)? (0.1)

Source: Capacity Data Call

Two binary values.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Environment and Encroachment

Component: Potable Water

ENV-6a-b. Relative value of potable water resource constraints.

ENV-6a. (0.25) Can the existing water system/treatment facility provide 50% more water than current demand?

Source: Capacity Data Call

Binary value.

ENV-6b. (0.75) How many days during FY 1999-2003 were restrictions implemented that limited production or distribution?

Source: Capacity Data Call

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Environment and Encroachment

Component: Natural Resource Considerations

ENV-7a-c. Relative value of restrictions to in-water operations or testing/training activities conducted at the installation or at ranges that the installation manages due to environmental laws/regulations.

ENV-7a. (0.4) Do current Endangered Species/Marine Mammal Protection Act restrictions affect shore or in-water operations or testing/training activities conducted at the installation or at a range that the installation manages?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-7b. (0.4) Does the existence of marine sanctuaries restrict operations, testing or training activities conducted on the installation or on ranges the installation manages?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-7c. (0.2) Has the presence of coral reefs, marine mammals, Essential Fish Habitat, Marine Protected Areas or other sensitive marine zones resulted in restrictions on operations, testing or training activities?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Environment and Encroachment

Component: Air Quality

ENV-8a-g. Relative value of air quality control issues due to current or proposed regulations.

ENV-8a. (0.2) Have operations, testing or training been restricted as a result of air quality requirements?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-8b. (0.2) Has the installation been required to implement emission reduction procedures through special actions?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-8c. (0.1) Are there critical air quality regions within 100 statute miles of the installation that restrict operations?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-8d. (0.2) Is the installation, range, or auxiliary field located in an area currently designated non-attainment or maintenance for any criteria pollutant?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-8e. (0.1) Is the installation, range, or auxiliary field located in an area proposed to be designated non-attainment for the new 8-Hour ozone or the PM2.5 standard?

Source: Capacity Data Call

Binary value. Credit is applied for a "no" response.

ENV-8f. (0.1) Are emission credits owned by the installation or available for purchase in the area?

Source: Capacity Data Call

Binary value.

ENV-8g. (0.1) Do the Clean Air Act (CAA) operating permits have any unused capacity?

Source: Capacity Data Call

Binary value.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: *Personnel Support*

Component: *Medical*

PS-1. Located within the medical catchment area of an in-patient military medical treatment facility.

PS-1. Is your activity within the medical catchment area of an in-patient military medical treatment facility?
(yes/no)

Source: Data Call II

Binary.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Personnel Support

Component: Housing

PS-2. Relative value of family housing availability, affordability and proximity.

PS-2a (0.25) What is the community rental vacancy rate?

Source: Data Call II (Criteria 7 question)

Based on responses received, analyst will apply a function for zero to maximum credit.

PS-2b. (0.25) What is the BAH (E-5 with dependents) for the locality as of 1 Jan 2004?

Source: Data Call II (Criteria 7 question)

Based on responses received, analyst will apply a function for zero to maximum credit.

PS-2c. (0.25) What was the average wait time (in months) for family housing, including Public Private Venture (PPV) units, at your installation as of 30 September 2003?

Avg Wait Time = $\frac{(\text{List}_1 \text{ Wait Time} \times \text{List}_1 \text{ Units}) + (\text{List}_2 \text{ Wait Time} \times \text{List}_2 \text{ Units}) + \dots}{\text{Total Housing Units}}$

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

PS-2d. (0.25) What is the average commute time for those living off base (source: Census Bureau)? (Time: minutes)

Source: Data Call II

Based on responses received, analyst will apply a function for zero to maximum credit.

PS-3. Relative availability of unaccompanied and transient housing.

PS-3a. (0.25) What is the total number of adequate Bachelor Quarters (combined officer and enlisted; both current and budgeted) at your installation divided by the total military population as of 30 Sep 2003?

Source: Capacity Data Call

Ratio of number of rooms per active duty population. Based on responses received, analyst will apply a function for zero to maximum credit.

PS-3b. (0.75) What was the total number of non availabilities issued over the past five years (1999-2003) divided by the total number of transient rooms as of 30 Sept. 2003 at your installation?

Source: Capacity Data Call

Ratio of number of non-availabilities per total number of transient rooms. Based on responses received, analyst will apply a function for zero to maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Personnel Support

Component: Non-Military Education

PS-4. Relative value of dependent primary and secondary education opportunities in the local community.

PS-4a. (0.4) What was the average SAT/ACT score for high school students in your community last testing year? (numeric)

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-4b. (0.3) What is your community's student/teacher ratio? (Amplification: Local Community is defined as the Military Housing Area (MHA)).

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-4c. (0.3) What percent of classroom teachers in your community (MHA) are certified in their subject/core area? (%)

Source: Data Call II (Criterion 7)

Analyst will apply a function to answers from zero to 100 percent.

PS-5. Relative availability of dependent and member post-secondary education in the local community.

PS-5a. (0.4) Does your state offer in-state tuition for higher education for military members/military family members? (yes/no)

Source: Data Call II (Criterion 7)

Binary value.

PS-5b. (0.2) How many vocational/technical schools are available off base in your community (MHA)? (count)

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-5c. (0.4) How many undergraduate or graduate colleges/universities are available off-base in your community (MHA)? (count)

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Personnel Support

Component: Employment

PS-6. Relative opportunity for dependent/off-duty employment.

PS-6a. (0.5) What was the average number of persons unemployed as a percent of the civilian labor force, seasonally adjusted from 1995-2003? (%)

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-6b. (0.5) What was the percentage change in job growth from 1995-2003? (%)

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Personnel Support

Component: Fleet and Family Services

PS-7. Relative availability of base services

PS-7. Which Support Services facilities are located at your installation? (y/n)

<u>FACILITY</u>	<u>Available (yes/no)</u>	<u>Value</u>
Exchange		0.3
Commissary		0.3
Package Store		0.1
Family Service Center		0.1
Chapel		0.1
FSC Classroom/Auditorium		0.1

Source: Capacity Data Call

Binary values.

PS-8a-c. Relative availability of child care support

PS-8a. (0.5) What is the average wait to enroll (in days) for on-base child care? (Count: days)

Source: Data Call II

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-8b. (0.5) How many licensed and/or accredited child care centers do you have in your community (MHA)?

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Personnel Support

Component: MWR

PS-9. Relative availability of MWR facilities.

PS-9. Which MWR facilities are located at your installation? (y/n)

<u>FACILITY</u>	<u>Available (yes/no)</u>	<u>Value</u>
Gymnasium		0.1
Fitness Center		0.1
Pool (indoor)		0.1
Pool (outdoor)		0.1
Golf Course		0.1
Youth Center		0.1
Enlisted Club		0.1
Officer Club		0.1
Softball Fld		0.02
Swimming Ponds		0.02
Library		0.01
Theater		0.01
ITT		0.01
Museum/Memorial		0.01
Wood Hobby		0.01
Bowling		0.01
Beach		0.01
Tennis CT		0.01
Volleyball CT (outdoor)		0.01
Basketball CT (outdoor)		0.01
Racquetball CT		0.01
Driving Range		0.01
Marina		0.01
Stables		0.01
Football Fld		0.01
Soccer Fld		0.01

Source: Data Call II

Binary value.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Personnel Support

Component: Follow-on Tour Opportunities

PS-10. Relative opportunity for follow-on tour in the homeport.

PS-10. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following: (Text: Counts)

Rating	# of Sea Billets in Local Area	#of Shore Billets in Local Area

Source: Data Call II

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Surface / Subsurface Operations-Military Value Evaluation Questions

Attribute: Personnel Support

Component: Metropolitan Area Characteristics

PS-11. Relative proximity to a population center/city that has a population greater than 100,000.

PS-11. What is the distance in miles to the nearest population center/city that has a population greater than 100,000?

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-12. Relative proximity to the nearest commercial airport that offers regularly scheduled service by a major airline carrier.

PS-12. What is the distance in miles to the nearest commercial airport that offers regularly scheduled service by a major airline carrier?

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-13. Relative local crime rate.

PS-13. What is the FBI Crime Index for your activity's location (MHA)? (source: FBI Crime Index 2002; <http://www.fbi.gov/ucr/ucr.htm>) (Numeric)

Source: Data Call II (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

TAB 3

SURFACE / SUBSURFACE FUNCTION MILITARY VALUE MATRIX (NOTIONAL)
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Component	Supporting Matrix #	Data Question(s)	DC Quest(s)	IAT Band	Matrix Scoring Statement	SC												Weight
						Readiness			Facilities			Surge Capabilities			Cost/MP Impl.			
						IEG Score	OI	OT	PC	EE	PS	OI	OT	PC	EE	PS	OI	
POBT CHARACTERISTICS						0												0
Operational Location						Relative value of the transit distance (safe navigation route) to sea.												0
31	SEA-31			2		5												0
32	SEA-32			2		Relative value of the transit distance (safe navigation route) to the 50 fathom curve.												0
33	SEA-33			2		5												0
34	SEA-34a-b			3		Percent of the day the harbor channel allows CV/CVN transits.												0
35	SEA-35			3		Relative impact of local weather on operations.												0
36	SEA-36			3		Relative value of proximity to the nearest weapons station.												0
						Relative value of proximity to the nearest Explosive Ordnance Detachment support.												0
Strategic Location				1		7												0
37	SEA-37			1		Port location is of strategic military value.												0
Port Restrictions				2		6												0
38	SEA-38			2		Relative impact of port / harbor restrictions on operations.												0
Anti-Terror/Force Prot				2		3												0
39	SEA-39a-b			2		Relative value of buildings which meet structural criteria and/or perimeter standoff criteria.												0
40	SEA-40			2		3												0
41	SEA-41			2		Adequate space available for Entry Control Points to have vehicle search, holding areas, and rejection lanes.												0
Locality Cost				3		3												0
42	SEA-42a-b			3		Relative value of utility/government or commercial, electric, or water redundancy.												0
Supply and Storage				3		1												0
43	SEA-43			3		Relative value of the locality cost.												0
						Question Total												0

