1. (C) SITUATION: Saigon port is a contractor operated military supervised deep-draft and shallow-draft river port located in III CTZ at XS 871905. Camp Davies, located at XS 883985, is a military operated terminal and marine maintenance activity.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:

   a. Deep Draft:
      (1) 3 berths (MH-1, MH-2, MH-3: Saigon)
      (2) 10 opportune berths (Saigon commercial port)
      (3) 1 Quay (K-12, Camp Davies)
      (4) Several river buoy moorings

   b. Shallow Draft:
      (1) 4 barge sites (entire site area used for maintenance: Camp Davies)

   c. *Capabilities:
      Port is capable of C-4 class vessels (turning basin at Newport)

      | Cargo  | S/T/Day |
      |--------|---------|
      | Ammo   | 0       |
      | Gen'l  | 3,400   |
      | Reefer | 200     |
      |         | 3,600   |

* Determined for use of MH-1, MH-2, MH-3, and K-12 only. Tonnage capability is increased as opportune berths are utilized.

   d. Limiting Factors:
      Slight silting problem
1. (C) SITUATION: Can Tho is a US Military operated shallow-draft port at WS 8150 in IV CTZ. Located at WS 8130 is the ARVN military operated barge site of Binh Thuy.

2. (C) CURRENT PORT FACILITIES:
   a. U.S. Facilities at Can Tho:
      (1) 3-barge sites
      (2) 2-LST sites
   b. ARVN Facilities at Binh Thuy:
      (1) 2-barge sites
      (2) 2-LST sites
   c. Common Facility:
      (1) 1-POL jetty
   d. Capabilities:
      Can Tho - 1,3000 ST/Day maximum, no reefer ship capability
   e. Limiting Factors:
      (1) Limited capacity to move cargo to next destination from Can Tho.
      (2) Limited depot storage capability.
      (3) Inadequate hardstand, lighterage ramps, and staging areas.
      (4) Bien Thuy: ARVN discharge operations are slow.
CAT LAI

1. (C) SITUATION:

Cat Lai is the major ammunition discharge deep-draft and shallow-draft port for all of III and IV CTZ's. It is located east of Saigon on the Dong Nai river at XS 9689 in III CTZ.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:

a. Deep Draft:
   (1) 4-stream mooring berths

b. Shallow-Draft:
   (1) 5-barge staging sites
   (2) 1-wood pier: combined LCN- barge facility
   (3) 1-LCN/LCU ramp (old Seaplane ramp)

c. Capability: 2350 ST/day discharge maximum

d. Limiting Factors:
   Extremely subject to hostile fire
The Cat Lai ammunition distribution system is composed of US and ARVN barge sites throughout the Saigon/Long Binh/Bien Hoa area. This system allows for throughput of ammunition direct from delivering vessels to using units’ barge sites.

2. (C) CURRENT SITE FACILITIES AND CAPABILITIES:

<table>
<thead>
<tr>
<th></th>
<th>U.S. sites</th>
<th></th>
<th>ARVN sites</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Facilities</td>
<td></td>
<td>Facilities</td>
</tr>
<tr>
<td>(1)</td>
<td>Cogido: 3-barge sites w/4 cranes</td>
<td></td>
<td>(1) Dong Nai: 1-barge site w/2 cranes</td>
</tr>
<tr>
<td>(2)</td>
<td>Bien Hoa: 2-barge sites w/4 cranes</td>
<td></td>
<td>(2) Thanh Tuy Ha: 4-barge sites w/2 cranes</td>
</tr>
<tr>
<td>(3)</td>
<td>ARVN Newport: 1-barge site w/2 cranes</td>
<td></td>
<td>(3) ARVN Newport: 1-barge site w/2 cranes</td>
</tr>
<tr>
<td>(4)</td>
<td>Bien Trieu: 1-barge site w/2 cranes</td>
<td></td>
<td>(4) Bien Trieu: 1-barge site w/2 cranes</td>
</tr>
</tbody>
</table>

Limiting Factors:

All sites subject to hostile fire.
1. (C)SITUATION:

Dong Tam is a US Army operated shallow-draft port. It is located in IV CTZ at XS 4243. Upon pullout of the 9th Div, this port became inactive, however, it remains a port of opportunity.

2. (C)PORT FACILITIES AND CAPABILITIES:

a. Shallow Draft:
   (1) 2-LCU ramps at separate points
   (2) 1-LST site
   (3) 1-barge pier w/2 barge sites

b. Capabilities:
   500 S/1/day discharge maximum, no reefer ship capability.

c. Limiting Factors:
   (1) Harbor is restricted in use due to only partial dredging.
   (2) Vessel movement is constrictive due to number of vessels operating in small harbor space.
   (3) Subject to hostile fire.
   (4) Slight silting problem.
1. (C) **SITUATION:** Newport is a US Army and contractor operated deep-draft and shallow-draft river port. It is located on the Saigon river approx 1 mile north of Saigon at X3 8994.

2. (C) **CURRENT PORT FACILITIES AND CAPABILITIES:**
   a. **Deep Draft:**
      (1) 4 Quays
   b. **Shallow Draft:**
      (1) 2-LST slips
      (2) 2-LCG/LOC ramps
      (3) 1-Barge pier w/4 berths
      (4) 1-Roll-on/Roll-off pier facility
   c. **Capability:**
      Port is capable of C-4 class vessel Category

<table>
<thead>
<tr>
<th>Category</th>
<th>STON/day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammo</td>
<td>0</td>
</tr>
<tr>
<td>Gen'l</td>
<td>3700</td>
</tr>
<tr>
<td>Reefer</td>
<td>4200</td>
</tr>
</tbody>
</table>

*Does not include SeaLand capability or tonnage.*
VINH LONG

1. (C) SITUATION: Vinh Long is a US Army operated shallow-draft port located in IV CTZ at XS 047339 approx 125 miles SW of Saigon by water. It serves as a supply base for Vinh Long Airfield, and a main tranship point for Delta cargo. The "Peoples Pier" of Vinh Long city is utilized for approx 12 hrs/day for military lighterage operations. There is a commercial Rock discharge site approx 1km East of the present Vinh Long site.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:
   a. Deep Draft:
      None
   b. Shallow Draft:
      (1) 1-Barge site (temporary pier: Vinh Long Army)
      (2) 1-LST/LCU ramp (temporary: Vinh Long Army)
      (3) 1-Barge Quay (Rock discharge site)
      (4) 1-Barge Wharf (Peoples Pier)
      (c) Capability: 400 STON/day discharge maximum
      (d) Limiting Factor:
         1. Inadequate port facilities
         2. Inadequate storage facilities
         3. Inadequate port security
1. (C) **SITUATION:** Vung Tau is a US Army, ARVN and contractor operated deep draft and shallow draft port located at YS 2848 in III CTZ. Present US Army operations are being scaled down and ARVN are assuming the majority of responsibilities.

2. (C) **CURRENT PORT FACILITIES AND CAPABILITIES:**

   a. Deep Draft:
      1. Delong pier w/2 berths
      2. 2-Stream mooring berths

   b. Shallow Draft:
      1. 2-LST sites
      2. 1-LCU-LCH site
      3. 3-Barge sites
      4. 1-POL/BG-Barge site
      5. 2-AB&T commercially owned barge sites

   c. Capabilities: Port is capable of C-4 class vessels.

<table>
<thead>
<tr>
<th>Category</th>
<th>STCN/day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammo</td>
<td>750</td>
</tr>
<tr>
<td>Gen'l</td>
<td>2200</td>
</tr>
<tr>
<td>Reefer</td>
<td>350</td>
</tr>
<tr>
<td></td>
<td>3300</td>
</tr>
</tbody>
</table>

   *Current reefer capability being phased out increasing Gen'l capability by 350 STCN/day.

   d. Limiting Factors: Operations slightly affected by weather and silting.
1. (C) **SITUATION:** Cam Ranh Bay is a US Military and contractor operated deep-draft, shallow draft and lighterage port. In addition, there is a beach operation. The port is located in II CTZ at CP 0616.

2. (C) **CURRENT PORT FACILITIES AND CAPABILITIES:**

   a. **Deep Draft:**
      - (1) 1 pier w/2 berths
      - (2) 4 Delong piers w/4 berths
      - (3) 1 FOL jetty

   b. **Shallow Draft:**
      - (1) 4-LST slips/ramps
      - (2) 2-LCU ramps
      - (3) 1-Barge wharf w/2 berths
      - (4) Suitable for BDL LTC John U.D. Page

   c. **Capabilities:**
      - Harbor capability of C-4 class vessels

      | Category | STON/day |
      |----------|----------|
      | Ammunition | 1800 |
      | General | 4420 |
      | Reefer | 250 |
      | **Total** | **6550** |

   *Total does not include SeaLand cargo and tonnage.

   d. **Limiting Factors:**
      - (1) Moderately affected by Monsoon weather
      - (2) Slight silting problem requiring infrequent dredging
      - (3) Slightly subject to hostile fire
1. (C) SITUATION: Nha Trang is a US Army, ARVN and contractor operated deep draft and shallow draft port. It is located in II CIV at GF 0732.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:
   a. Deep Draft:
      (1) Harbor buoy mooring
   b. Shallow Draft:
      (1) 2-1ST sites
      (2) 2-LU sites
      (3) 1-Barge pier w/2 berths
      (4) 1-POL mooring
      (5) Suitable for HSL LTC John U.S. Page
   c. Capabilities: 860 STUN/day discharge maximum, no reefer cap
   d. Limiting Factors: No deep draft permanent berthing facility available
PHAN HANG

1. (C) SITUATION: Phan Hang is a US Military and contractor operated shallow draft port and is capable of over-the-beach operations. It is located in II CTZ at BN 8882. Used primarily as a USAF munitions discharge site for Phan Hang AFB.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:

   a. Deep Draft: None

   b. Shallow Draft:

      (1) 1-IST site w/2 berths

      (2) 1-LCU site w/2 berths

      (3) 2-Barge Quays w/2 sites each

      (4) 1-POL Bouy mooring

      (5) Suitable for EDL LTC John U. D. Page

   c. Capability: 460 STON/day discharge maximum, no reefer ship cap
1. (C) SITUATION: Phan Thiet is a US Army operated shallow-draft beach operation located at AN0107 in II CTZ.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:
   a. Deep Draft: None
   b. Shallow Draft:
      (1) 2-LCU's simultaneously in bench operation
      (2) Suitable for BDL LTC John U.D. Page
   c. Capabilities: Total STON/days of 400 STON, no reefer ship cap
   d. Limiting Capacity: Slight siltation problem due to tides
1. (C) SITUATION: Qui Nhon is a US Army, ARVN, and contractor operated shallow-draft and deep-draft and lighterage port located in II CTZ at CR 2513.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:
   a. Deep Draft:
      (1) 1 Deep Pier w/4 berths
      (2) 2 POL buoy mooring sites
   b. Shallow Draft:
      (1) 4-1ST sites
      (2) 2-LCU/LCM sites
      (3) 1 Can dock w/4 barge sites
      (4) 1-Quay w/8 barge sites
   c. Capacity: Harbor is capable of C-4 class vessels

<table>
<thead>
<tr>
<th>Category</th>
<th>STON/day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammo</td>
<td>1800</td>
</tr>
<tr>
<td>Gen'l</td>
<td>3950*</td>
</tr>
<tr>
<td>Reefer</td>
<td>200</td>
</tr>
</tbody>
</table>

* Does not include SeaLand capability or tonnage.

d. Limiting Factors:
   (1) Berth draft is limited to silting action
   (2) Subject to hostile fire
   (3) Operations in outer harbor are extremely affected by monsoons.
1. (C) SITUATION: Vung Ro is a US Army operated deep-draft, shallow-draft and lighterage port located at CQ 3025 in II CTZ providing direct support for Ky Hoa AFB.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:
   a. Deep Draft:
      (1) 1 Delong pier w/2 berths
      (2) 1 FCL buoy mooring site
   b. Shallow Draft:
      (1) 3-LST ramps
      (2) 1-Pontoon pier w/2 barge berths
      (3) 1-LCU ramp w/2 sites
   c. Capability:(no reefer) Category: STCN/day
      
      |      | STCN/day |
      |------|---------|
      | Ammo | 300     |
      | Gen'l| 420     |
      |      | 720     |
   d. Limiting Factors:
      (1) Operations affected by weather
      (2) Primarily a Air Force. ammunition operation
      (3) Subject to hostile action
1. (C) SITUATION: Chu Lai is a US Navy operated shallow-draft and lighterage port located in I CTZ at BT #607.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:
   a. Deep Draft:
      None
   b. Shallow Draft:
      (1) 4-LST ramps
      (2) 3-LCU ramps
      (3) 1-Marginal wharf w/3 barge sites
   c. Capabilities: 1950 STON/day discharge maximum, no reefer ship capability
   d. Limiting Factors:
      (1) Affected by monsoon weather
      (2) Slightly subject to hostile fire
1. (C) SITUATION: The Dong Ha/Cua Viet complex is a US Navy operated lighterage port, located in I GTZ at YD 3468.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:
   a. Deep Draft:
      None
   b. Shallow Draft:
      (1) 4-LCU ramps (Dong Ha)
      (2) 2-LST ramps (Cua Viet)
      (3) 1-Barge site (Dong Ha)
      (4) 1-PCL buoy mooring (Cua Viet)
   c. Capabilities: 1,650 STON/day maximum, no reefer ship cap
   d. Limiting Factors:
      (1) Extremely subject to hostile fire
      (2) River operations hindered by hostile action and mines
      (3) River depth will not permit craft other than LCU to travel to Dong Ha
      (4) Operations affected by weather conditions
1. (C) SITUATION: DaNang port is a US Navy and contractor operated deep-draft, shallow-draft and lighterage port located in I CTZ at BT OL78.

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:
   a. Deep Draft:
      (1) 2-pier w/2 berths each
      (2) 1-Delong pier w/2 berths
      (3) 2-PCL bow moorings
   b. Shallow Draft
      (1) 5-LST ramps
      (2) 8-LOC ramps
      (3) 4-LST ramps w/finger piers
      (4) 1-Quay wall
      (5) 2-Barge sites
      (6) 1-lighterage site w/IT pier and 1 can pier
   c. Capabilities: 11,900 STON/day for all class of cargo, capable of C-4 class vessels
   d. Limiting Factors:
      (1) Highly subject to hostile fire.
      (2) Continual silt problem requiring continuous dredging
1. (C) SITUATION: The Hue/Tan My complex is a US Navy lighterage port located in ICTZ at YD 8628

2. (C) CURRENT PORT FACILITIES AND CAPABILITIES:
   a. Deep Draft:
      None
   b. Shallow Draft:
      (1) 5-LCU ramps (HUE)
      (2) 1-LST causeway (Tan My)
      (3) 4-LST ramps (Tan My)
      (4) 1-POL buoy mooring (Tan My)
      (5) 1-POL Seaload line (Tan My)
   c. Capabilities: 3,000 STON/day for all classes of reefer ship capability
   d. Limiting Factors:
      (1) Silting is a major problem causing continual
      (2) Extremely subject to hostile fire
      (3) River passage between Tan My and Hue is
      sunken obstacles and VC mines
      (4) Operations at Hue are sometimes interrupted
      from friendly artillery
SA Huynh

1. (c) Situation:
   Sa Huynh is a U.S. Army serviced shorelift port in I CTZ, located at BS 9522. Although in I CTZ, it is partially
   worked from the Quy Nhon Support Command in II CTZ, and provides
   supplies for the Duc Pho military installation.

2. (c) Current Port Facilities and Capabilities:

   a. Deep Draft:
      None

   b. Shallow Draft:
      (1) 3 LCU's and 3 slip ramps (Sa Huynh)
      (2) 1 pier w/ 2 barge berths (Sa Huynh)
      (3) 2 LSTs on beach (Duc Pho)
      (4) 1 cargo dock slide (Duc Pho)
      (5) 1 POL mooring buoy (Sa Huynh)
b. Shallow Draft:
   (1) 3 LCU's with ramps (Sa Hueyn)
   (2) 1 pier w/ 2 berger gates (Sa Hueyn)
   (3) 2 LSTs on beach (Duc Pho)
   (4) 1 large dock pier (Duc Pho)
   (5) 1-20 L morning breeze (Sa Hueyn)

c. Capability:
   200 st/day for all classes
   of cargo, maximum ship capability

D. Limiting Factors
   (1) Limited opportunity to discharged cargo
   (2) Subject to hostile fire.