



UNDERSTANDING  
SACRIFICE

# Activity: “Plans are Worthless, but Planning is Everything:” How Failure to Properly Plan Led to the Failure of Operation Market Garden



## Guiding question:

Why did Operation Neptune succeed and Operation Market Garden fail?

**DEVELOPED BY PATRICK J. SLOWEY**

**Grade Level(s):** 9-12

**Subject(s):** Social Studies

**Cemetery Connection:** Netherlands American Cemetery  
Normandy American Cemetery

**Fallen Hero Connection:** First Lieutenant Warren H. Frye



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## Overview

As General Eisenhower stated in a speech on November 14, 1957, "plans are worthless, but planning is everything." Using the military five-paragraph OPORD (operations order) format, students will be able to compare and contrast Operation Neptune with Operation Market Garden in order to understand and explain why Neptune succeeded while Market Garden failed.

## Historical Context

After the breakout from Normandy in August 1944, Allied forces quickly moved eastward across France. In early September, the Allied armies found themselves on the doorstep of Germany. The only major barrier between them and the German heartland was the Rhine River. In early September, British Field Marshal Bernard Montgomery proposed an audacious plan to "jump the Rhine" and hasten the end of the war in Europe. The plan, Operation Market Garden, called for landing three airborne divisions along a 60-mile long swath of Holland. Their objective was to conduct a daring daytime airborne assault to seize a series of bridges (Market) over which a large British armored force (Garden) would cross over, propelling them over the Rhine and into the industrial heartland of Germany.

The plan was approved by General Eisenhower and launched within one week's time. Although the opening stages of the operation were successful, a stronger than expected German response, coupled with weather and logistical challenges, doomed Market Garden to failure. The shattered attempt to vault the Rhine resulted in more than 17,000 Allied casualties and an additional eight months of hard combat in Europe. First Lieutenant Warren Hill Frye and many other men who served in Operation Market Garden are buried at Netherlands American Cemetery.

## Objectives

At the conclusion of this lesson, students will be able to

- Understand how a military operations order initiates an operation;
- Understand how inaccurate or hastily planned operations can have disastrous results; and
- Develop critical thinking skills that assist with the decision-making process.

*"My fallen hero was wounded in Operation Overlord and killed in Operation Market Garden. I decided to look at the planning of the two operations. I hope this lesson will shed some light on just how complex military operations are and how failure to properly plan can have catastrophic results."*  
—Patrick J. Slowey

Slowey is a teacher at Steamboat Springs High School in Steamboat Springs, Colorado.

## Standards Connections

### Connections to Common Core

**CCSS.ELA-LITERACY.RH.11-12.1** Cite specific textual evidence to support analysis of primary and secondary sources, connecting insights gained from specific details to an understanding of the text as a whole.

**CCSS.ELA-LITERACY.RH.11-12.2** Determine the central ideas or information of a primary or secondary source; provide an accurate summary that makes clear the relationships among the key details and ideas.

**CCSS.ELA-LITERACY.RH.11-12.3** Evaluate various explanations for actions or events and determine which explanation best accords with textual evidence, acknowledging where the text leaves matters uncertain.

### Connections to C3 Framework

**D2.His.9.9-12** Analyze the relationship between historical sources and the secondary interpretations made from them.

**D2.His.11.9-12** Critique the usefulness of historical sources for a specific historical inquiry based on their maker, date, place of origin, intended audience, and purpose.

**D2.His.14.9-12** Analyze multiple and complex causes and effects of events in the past.

**D2.His.16.9-12** Integrate evidence from multiple relevant historical sources and interpretations into a reasoned argument about the past.

## Documents Used ★ indicates an ABMC source

### Primary Sources

Excerpts, Operation Orders, Operation Linnet / Operation Market Garden  
National Archives and Records Administration

Excerpts, Operation Orders, Operation Neptune  
National Archives and Records Administration

Photograph, *Parachutes Open Overhead as Waves of Paratroops Land in Holland...*, September 1944  
National Archives and Records Administration (531392)  
<https://catalog.archives.gov/id/531392>

## Secondary Sources

*Americans in Great Britain Interactive* ★

American Battle Monuments Commission

[https://www.abmc.gov/sites/default/files/interactive/interactive\\_files/AGB\\_Web/](https://www.abmc.gov/sites/default/files/interactive/interactive_files/AGB_Web/)

Charles MacDonald, "Decision on the Ground," *The Siegfried Line Campaign*

U.S. Center of Military History

<http://www.history.army.mil/books/wwii/Siegfried/Siegfried%20Line/siegfried-ch08.htm>

Map, *Allied Invasion Force and German Dispositions, 6 June 1944*

United States Military Academy at West Point

<http://www.westpoint.edu/history/SiteAssets/SitePages/World%20War%20II%20Europe/WWIIEurope54.gif>

Map, *21st Army Group Operations, 15 September-15 December 1944*

United States Military Academy at West Point

<http://www.westpoint.edu/history/SiteAssets/SitePages/World%20War%20II%20Europe/WWIIEurope68.gif>

*Normandy Campaign Interactive* ★

American Battle Monuments Commission

[https://www.abmc.gov/sites/default/files/interactive/interactive\\_files/normandy/index.html](https://www.abmc.gov/sites/default/files/interactive/interactive_files/normandy/index.html)

"Normandy: The U.S. Army Campaigns of World War II"

U.S. Army Center for Military History

<http://www.history.army.mil/brochures/normandy/nor-pam.htm>

*World War II Interactive Timeline* ★

American Battle Monuments Commission

[https://www.abmc.gov/sites/default/files/interactive/interactive\\_files/WW2/index.html](https://www.abmc.gov/sites/default/files/interactive/interactive_files/WW2/index.html)

# Materials

## Activity One: Operations Orders (OPORDs)

- Military Operations Order PowerPoint Presentation
- OPORD Worksheet

## Activity Two: Operations Orders (OPORDs) and Introduction to Operations Neptune and Market Garden

- OPORD Compare and Contrast Organizer

## Activity Three: Compare and Contrast Operations Neptune and Market Garden

- Whiteboard or smartboard
- OPORD Compare and Contrast Organizer
- Operational Orders Packets for Operations Neptune and Market Garden
  - Intelligence
  - Mission
  - Operations
  - Administration and Logistics
  - Communication and Command

## Assessment: Determine why Neptune succeeded and Market Garden failed

- Teacher Guide, Operations Neptune
- Teacher Guide, Market Garden
- Reasons for Success / Failure Worksheet

# Lesson Preparation

## Activity One: Operations Orders (OPORDs)

- Cue PowerPoint file on the Military Operational Order.
- Divide students into groups of three to four students each.
- Make one copy of the OPORD Worksheet for each group of students.

## Activity Two: Operations Orders (OPORDs) and Introduction to Operations Neptune and Market Garden

- Secure access to computers (ideally, one per student).
- Divide students into groups of four to five students each.
- Print one copy of the OPORD Compare and Contrast Graphic Organizer for each student.

## Activity Three: Compare and Contrast Operations Neptune and Market Garden

- Pair each student with another student with whom they have not previously worked.
- Print one copy of the OPORD Compare and Contrast Graphic Organizer for each student.
- Give students access to Operational Orders for Operations Neptune and Market Garden (printed or online). Each OPORD packet contains the OPORDS for both operations for Intelligence, Mission, Operations, Administration, and Communication. All packets are subdivided into two sections for each operation and contain the overall mission statement for both operations. Each student should receive one component (intelligence, etc) of the OPORD.

## Assessment: Determine why Neptune succeeded and Market Garden failed

- Print one copy of the Reasons for Success / Failure Worksheet for each group.

## Procedure

### Activity One: Operations Orders (OPORDs) (45 minutes)

- Introduction
  - Show picture of massive airborne drop (slide two of the Military Operations Order PowerPoint presentation). Ask students, *How does a military operation of this size and scope happen?*
  - Explain how a detailed order is issued from the highest headquarters down to the common soldier about what is about to take place; who is responsible for certain task(s); when it is to occur; where it is to take place; and why the mission needs to be accomplished.
- The Parts of an OPORD
  - Using slides three through seven, the teacher will explain the five sections of an OPORD. These include Intelligence, Mission, Operations, Administrative, and Communications.
- Practical Exercise
  - Distribute one OPORD Worksheet to each group, then using slide eight, brief the mission to the class. The mission is to execute a class picnic.
  - Divide class into groups of three to four so students can begin to collaboratively work on writing their group’s OPORD using the blank OPORD Worksheet (one worksheet per group) for the class picnic.

## Activity Two: Operations Orders (OPORDs) and Introduction to Operations Neptune and Market Garden (45 minutes)

- Reassemble student groups from the previous activity, and ask them to prepare their OPORD briefs for the class picnic.
- Select one team for each subordinate mission to brief their OPORD to the class. Each group should turn in their completed OPORD Worksheet for a formative assessment.
- Transition students to the historical application. Analyze selected closed sources (either online or printed or both) for students to familiarize themselves with both Operations Neptune (also known as Operation Overlord or the Normandy Invasion) and Market Garden.
  - Possible sources for Operation Neptune include the ABMC's *Americans in Great Britain Interactive* (choose March 1944 - May 1944), the ABMC's Normandy Campaign Interactive, or the U.S. Army Center for Military History's "The U.S. Army Campaigns of World War II: Normandy."
  - Possible sources for Operation Market Garden include the ABMC's *World War II Interactive Timeline* (choose 1944, Normandy and Rhineland Campaigns), or the U.S. Army Center for Military History's "Decision on the Ground" (chapters 6-8).
- Using the Compare and Contrast Operations Organizer, students will record their findings. This task can be completed as a homework assignment if desired.

## Activity Three: Compare and Contrast Operations Neptune and Market Garden (45 minutes)

- Pair students with someone with whom they have not worked previously.
- Distribute a new Compare and Contrast Organizer to each pair and ask them to synthesize their findings and reach a consensus on similarities and differences.
- Project a copy of the Compare and Contrast Organizer on the board. Using a whiteboard or smartboard, the teacher will lead a discussion on the student findings on the similarities and differences between the two operations. Emphasis should be placed on the overall success or failure of the operation – this helps focus students attention on finding the clues to success or failure in the actual orders.
- Re-assemble students into groups of four to five students each and distribute a different section of the actual OPORDs for the two invasions (one student in the group receives Intelligence, the next person receives Communications, etc).
  - *Teacher Tip:* You may find it helpful to make maps available to students (either printed or projected). Consider these examples for Operation Neptune and Operation Market Garden.
- Ask students to analyze their assigned portion (one of five sections) of the OPORD for each operation, looking for similarities and differences between the two.

## Assessment

### Determine why Neptune succeeded and Market-Garden failed (45 minutes)

- Ask students to return to their groups from the previous activity.
- Ask students to share their findings about the differences in the OPORDS for Operations Neptune and Market Garden.
- Using the Reasons for Success / Failure Worksheet, each group of students should synthesize the four most important reasons why Operation Neptune succeeded and Operation Market Garden failed.
- Facilitate a class discussion to discuss the reasons that the groups have synthesized.

## Methods for Extension

- Students can compare and contrast other operations during World War II (different theaters or time frames).
- Students can research specific leaders, units, and individuals involved in one or both Operation Neptune and Operation Market Garden.
- The American Battle Monuments Commission maintains U.S. military cemeteries overseas. These cemeteries are permanent memorials to the fallen, but it is important that students know the stories of those who rest here. To learn more about the stories of some of the men and women who made the ultimate sacrifice, visit [www.abmceducation.org/understandingsacrifice/abmc-sites](http://www.abmceducation.org/understandingsacrifice/abmc-sites).

## Adaptations

- Teachers can annotate OPORD packets to assist in student understanding.
- Teachers can record sections of OPORD packets to assist student understanding.
- Teachers can consult the Teacher’s Guide for suggestions on which OPORD section is best suited for student groups of different abilities.
- Activity Two can be modified and used as a single lesson to compare and contrast Operation Neptune with Operation Market Garden.

## The Military Operations Order

How does something like this mass parachute drop happen?



## The Military Operations Order

Military Operations Orders (OPORDs) drive military operations at all levels, from the highest ranking officers to the lowest unit of soldiers.

OPORDs tell soldiers and their leadership **who** is going to do **what**, **when** and **where** they are going to do it and probably most importantly, **why** they are going to do it.

## The Military Operations Order

### The Military Operations Order

There are five major components (or Annexes) to an Operations Order. They include:

1. Intelligence
2. Mission
3. Subordinate Unit Missions
4. Administration (includes Logistics)
5. Communications and Command

### The Military Operations Order

#### Intelligence

- Tells soldiers what "enemy" they might encounter on the battlefield
- Includes: terrain, enemy units, weather, types of information needed, intelligence reports to headquarters, etc.
- Intelligence helps make sense of what is happening on the battlefield

## The Military Operations Order

### The Military Operations Order

#### Mission

- Answers the five W's - who, what, when, where, and why
- Answers what other units are going to be "attached" for the mission- these are units that are temporarily assigned to help you accomplish your mission

### The Military Operations Order

#### Subordinate Unit Missions

- You tell your subordinate (major units under you) what they are supposed to do.
- These subordinate unit missions become the Mission Paragraph

## The Military Operations Order

### The Military Operations Order

#### Administration (Logistics)

- Includes food, fuel, ammunition, water, resupply, medical evacuation, burials, traffic, etc.
- Determines plans for Prisoners of War, personnel replacements, uniforms to be worn, etc.
- everything that helps an army exist and function in the field is included

### The Military Operations Order

#### Communications and Command

- Explains how units are going to communicate with one another. Radio frequencies, telephone numbers, codes, etc.
- Command is where the headquarters is located and who is in charge if the officer in charge is lost or killed

## The Military Operations Order

### "Lets have a picnic"

We are going to have a class picnic.

There will be three major groups responsible for the following:

Food

Drinks

Snacks

- Using the OPORD handout - prepare to write an Operations Order for the picnic

### "Lets have a picnic"

#### **Intelligence**

*Terrain:* Describe the location of the picnic (trees, grass, ponds, sand...)

*Enemy:* Bugs, animals, rodents...

*Weather:* Check the forecast, tell what people should expect and how it might impact the picnic.

## The Military Operations Order

### "Lets have a picnic"

#### **Mission**

Mr./Ms. \_\_\_\_\_, \_\_\_\_\_ grade class will conduct a picnic at \_\_\_\_\_, NLT (No Later Than) \_\_\_\_\_ hrs on \_\_\_\_\_ (date/year) in order to have fun and build a spirit of cooperation with fellow classmates.

### "Lets have a picnic"

#### **Subordinate Unit Missions**

*Group One:* Food (meat/vegetarian main course for lunch)

*Group Two:* Drinks (Variety of beverages)

*Group Three:* Snacks (food items to complement the main course)

## The Military Operations Order

### "Lets have a picnic"

#### Administration and Logistics

Each group has \$250 to spend.

There are BBQs at the park with propane fuel provided.

The athletic dept has coolers and ice chests that you can use.

Need to plan for transportation, plates, cups, etc.

### "Lets have a picnic"

#### Communications:

Mr./Ms. \_\_\_\_\_ Cell phone # is 123  
555-1234.

Other numbers or means of communication?

Mr./Ms. \_\_\_\_\_ will be with the main group of students. Mr. Smith, the student teacher will come along as a chaperon.

## The Military Operations Order

### **"Lets have a picnic"**

- Now, given these slides and a blank OPORD, your group has \_\_\_\_\_ minutes to develop and write an order to instruct your group to accomplish its assigned mission.
- Some lucky groups will brief their orders.

# OPORD Worksheet

## I. Intelligence

- a. Enemy Forces
- b. Terrain
- c. Weather

## II. Mission (5 W's Who, What, When, Where, Why).

## II. Operations (Missions to Subordinate Units or Individuals)

## IV. Administration and Logistics

- a. Food
- b. Fuel
- c. Water
- d. Resupply
- e. Medical Evacuation
- f. Traffic
- g. Uniform

## V. Communications and Command

- a. Communications (communication means, phone #s, etc.)
- b. Command (location of commanders, headquarters, etc.)

# OPORD Compare and Contrast Organizer

## Similarities between the Two Operations

Operation Neptune (Normandy)	Operation Market Garden (Holland)

## Differences between the Two Operations

Operation Neptune (Normandy)	Operation Market Garden (Holland)

# Reasons for Success / Failure Worksheet

<p>Neptune / Market Garden (circle one) was a success / failure (circle one) because REASON 1:</p>	<p>Neptune / Market Garden (circle one) was a success / failure (circle one) because REASON 2:</p>
<p>Neptune / Market Garden (circle one) was a success / failure (circle one) because REASON 3:</p>	<p>Neptune / Market Garden (circle one) was a success / failure (circle one) because REASON 4:</p>

# Operation Market Garden

## Teacher Guide

### OPORD Paragraph One

### Intelligence

#### Glossary:

- Bigot - Highest classification, very limited distribution before D-Day
- Enemy Order of Battle and Enemy Defenses are not included in this set of documents
- D+1 (looks like a / with a - through it) - the day following D-Day; D+2 is two days following D-Day and so on.
- ASP - Army Signal Platoon, higher level communications at Army level
- VHF - Very High Frequency radio wave
- G-2 - Intelligence Staff Section
- PW - Prisoner of War
- Bridge Classification - How much weight can a bridge support
- Blackout - Means not using lights at night (small markers on trucks so you can see the rear end of them at night, the lead truck has modified head lights)
- CIC - Counter Intelligence Center

#### Teacher's Notes:

- Note on the main order that the British 1<sup>st</sup> Airborne Division was assigned to seize a bridge at Arnhem over the Lower Rhine River. The 82<sup>nd</sup> Airborne Division was assigned to seize bridges over the Maas (Meuse) River and the Waal River.
- Note the date - just four days before the start of the operation. The Allied planners began planning just seven days before the start of the operation. This hasty planning lead to a number of fatal assumptions.
- Note how much emphasis is placed on bridges, ferries, and canal locks.
- Extensive use of photo reconnaissance because very little intelligence was available, so a picture is worth a thousand words.
- Very little time to study the terrain or the enemy situation. It was assumed the German Army was on its last legs and would simply roll over and surrender when confronted with such overwhelming force.

## OPORD Paragraph Two

### Mission

#### Glossary:

- D-Day is the day the operation starts.
- D+1 is one day after D-Day (looks like D / with a - thru it, typewriters did not have a plus sign on them).
- A/C is aircraft
- CG4A is a Waco Glider that could carry up to 13 troops or a jeep or small cannon.

#### Teacher's Notes:

- The big difference between this and Normandy is the size and complexity of the operation.
- This was going to be launched in broad daylight. It was the largest airborne operation conducted in World War II.
- All of the bridges had to be captured (i.e. all the dominoes had to fall into place for this to work). Failure to capture a bridge and/or hold the roadway open could (and did) result in catastrophic failure.

## OPORD Paragraph Three

### Operations

#### Glossary:

- 6 digit #s - 482375 are grid coordinates of a specific place within 100 meters. This system was used before GPS.
- Mines - land mines
- LINNET - is an operation that was cancelled in August when Allied forces moved so quickly across France that the Linnet was overcome by events.
- S-3 or G-3 is the Operations Staff Section of an army unit.

#### Teacher's Notes:

- The key to this paragraph is the emphasis to move quickly and seize the various bridges and canals.
- Notice that the Division Artillery Commander is responsible for calls for support from British artillery and aviation. Working with an ally complicates things and makes success more problematic.
- Again, make sure students see that the date for this order is just three days before the execution of this operation. It is amazing they even got the planes off the ground on time.

## OPORD Paragraph Four

### Administration/Logistics

#### Glossary:

- Class I - Food and water
- K rations - Condensed field ration, like power bars
- D rations - also a meal for the field, but a little more substantial - like Meals Ready to Eat (MREs) into today's military forces.
- Class II - General supplies, batteries, housekeeping material, tents, etc.
- Class III - Fuel
- Class V - Ammunition
- Halazone Tablets - Water purification tablets (yuck!)
- Provost Marshal - Military police
- Blackout lights - Very dim markers used on military vehicles at night to avoid enemy detection.

#### Teacher's Notes:

- Unlike Operation Neptune, the planners anticipated a longer and larger fight during Market Garden. This is evident by some of the following admin/logistical requirements in the order, such as:
  - temporary cemetery
  - automatic aerial resupply
  - the quantity of materials to be resupplied
  - surplus baggage left in England (they were not coming home soon)
  - use of civilian laborers
- The large number of pages with massive quantities of resupply should clue students into the fact that this was going to be a longer and probably harder fight than Normandy.
- Last but not least, in the Main Order, Paragraph Four states "same as LINNET" - the planners did not have time to plan for this the administrative or logistical support for this operation, so they "cut and pasted" the admin/log support from a previous operation that never took place and figured that things would sort themselves out as the battle unfolded.

## OPORD Paragraph Five

### Command and Communications

#### Glossary:

- SIGABA - Is a secure means of communication (like having a satellite phone)
- SOI - Signal Operating Instructions (a code book with frequencies, call signs, and passwords)
- CP - Command Post, the headquarters for an army unit
- Net - Radio/communications network
- SCR - Signal Corps Radio - type of radio. SCR300 is a particular model radio produced for the U.S. Army

#### Teacher's Notes:

- Code Clerks were British - again having a coalition partner makes coordination and execution more difficult in military operations.
- Note the use of carrier pigeons.
- Yellow and Orange panels are used for visual recognition. Interestingly, orange is the national color of the Netherlands and tons of orange material was displayed by the Dutch as Allied armies liberated them.
- Note the need to preserve telephone facilities, because Allied armies would use local telephone systems to talk to each other because the radios did not always work very well.
- All of the unit code words in the 101st AB Division began with K (Kangaroo was the Division Commander - Kangaroos jump - so do paratroopers).

# Operation Neptune / Operation Overlord

## Teacher Guide

### OPORD Paragraph One

### Intelligence

#### Glossary:

- Bigot - Highest classification, very limited distribution before D-Day
- Enemy Order of Battle and Enemy Defenses - not included because overlay maps that could not be copied
- Rcn Plt - Reconnaissance Platoon, 101<sup>st</sup> Airborne (AB) Division Scouts
- D+1 (looks like a / with a - thru it). The day following D-Day, D+2 is two days following D-Day and so on.
- ASP - Army Signal Platoon, higher level communications at Army level
- VHF - Very High Frequency radio wave
- G-2 - Intelligence Staff Section
- PW - Prisoner of War
- GAF - German Air Force
- FUSA - First United States Army (higher headquarters)
- Blackout - Means not using lights at night (small markers on trucks so you can see the rear end of them at night, the lead truck has modified head lights)
- CIC - Counter Intelligence Center
- AR# - Army Regulation followed by specific number, rARs are rule books
- FM# - Field Manual followed by a specific number, tells you how to do something
- H+1 - One hour after an operation starts (ex: D-Day,, H+1 is the first hour after an operation starts on D-Day)
- CR382932 - Is a specific grid coordinate on a map (accurate within 100 square meters). This method was used before GPS.
- OPs - Observation Posts
- Inundations - Low lying flooded areas
- Wheeled Vehicles - Trucks

- Tracked Vehicles - Tanks
- Undulating - Rolling hills
- Fields of Fire - Describes the area you can see. If you can see it, you can shoot at it.

### Teacher's Notes:

- Note the level of detail about the terrain. There is real concern about the flooded areas (many paratroopers drowned in these flooded fields after the jump on the morning of June 6).
- Note **how** important the causeways are - seizure/control of these was absolutely critical to the success of D-Day (that is why this mission is underlined).
- This OPORD was updated on May 27, 1944 - meaning that the order was being refined based on fresh intelligence.

## OPORD Paragraph Two

### Mission

#### Glossary:

- J-Hour - When the paratroopers began jumping into France
- Attachments - Other units that are temporarily assigned to the 101<sup>st</sup> in order to help the 101<sup>st</sup> accomplish its mission.
- Drop and Landing Zones - Annexes are not available because of size and brittle nature of original documents
- 65<sup>th</sup> Armd FA Bn - 65th Armored Field Artillery Battalion. These are artillery (cannons) that are mounted on tracked vehicles
- QM Trk Co - Quartermaster Truck Company. This is a unit of cargo trucks that are used to transport men and cargo.
- A Brty 474<sup>th</sup> AA AW Bn - This is an anti-aircraft gun battery (about six anti-aircraft guns to protect against air attack.

### Teacher's Notes:

- The 101<sup>st</sup>'s sole mission was to help the 4<sup>th</sup> Infantry Division get off UTAH Beach and move inland. The key was the causeways (elevated roadways) that crossed over the flooded fields behind UTAH Beach.
- This is going to be a very short operation, lasting a day or so. For the 101<sup>st</sup> they needed to land, capture the causeways, help the 4<sup>th</sup> Infantry Division move off the beach and inland, then go back to England.

## OPORD Paragraph Three

### Operations

#### Glossary:

- Parachute Echelon - Paratroopers who jumped into France
- Glider Echelon - Troops brought into France via gliders
- Seaborne Echelon - Not all the 101<sup>st</sup> parachuted into France. Many of the support troops came in over the beaches from ships.
- Enemy Battery - German artillery pieces (like the *Band of Brothers* episode concerning the landing and early fight in Normandy).
- Inundated - Flooded areas
- 6 digit #s - 365872 are grid coordinates of a specific place within 100 meters. This system was used before GPS.
- S-3 or G-3 is the Operations Staff Section of an army unit
- 81<sup>st</sup> AB AA (Airborne Anti-Aircraft Battalion of anti-aircraft guns)
- AAA - Anti-Aircraft Artillery - anti-aircraft guns
- 65<sup>th</sup> Armd FA Bn SP - 65th Armored Field Artillery Battalion (Self Propelled). These are artillery (cannons) that are mounted on tracked vehicles.
- Leggings impregnated - Leggings are laced up boot gaiters between your boots and pants. The leggings were impregnated with an anti-chemical compound in case the Germans used poison gas against the invasion forces.

#### Teacher's Notes:

- Key to this paragraph is that the different units in the 101<sup>st</sup> have different subordinate missions to ensure the success of the landings. There is not very much detail. They needed to land, capture/control the causeways so that the amphibious landings could get off the beaches and move inland.
- Again, make sure students see that the dates are different on the updated changes to the order. This reflects new and/or changed missions to subordinate units based on fresh intelligence.

## OPORD Paragraph Four

### Administration/Logistics

#### Glossary:

- Class I - Food and water
- K rations - Condensed field ration, like power bars
- D rations - also a meal for the field, but a little more substantial - like Meals Ready to Eat (MREs) into today's military forces
- Class II - General supplies, batteries, housekeeping material, tents, etc.
- Class III - Fuel
- Class V - Ammunition
- Halazone Tablets - Water purification tablets (yuck!)
- Provost Marshal - Military police
- Blackout lights - very dim markers used on military vehicles at night to avoid enemy detection.
- Serial (i.e. glider serial etc.) - A group of vehicles and/or aircraft organized to transport troops and/or cargo. Serial One, is the first group of several groups that are transporting troops/equipment to their new destination.

#### Teacher's Notes:

- There are not a lot of supplies or resupplies planned for in Operation Neptune, because the 101<sup>st</sup> thought it would be a short operation. The 101<sup>st</sup> was expected to land, fight to secure the causeways leading from UTAH Beach, and be relieved by the 4<sup>th</sup> Infantry Division (which landed on UTAH). The planners in the 101<sup>st</sup> Airborne did not expect to fight more than a few days at the most before the division was to return to England.

## OPORD Paragraph Five

### Command and Communications

#### Glossary:

- Radio Silence - No one uses radios until a certain time or event happens so as not to give your enemy any clues that something important is about to happen
- GPO - General Post Office
- SIGABA - Is a secure means of communication (like having a satellite phone).

- SOI - Signal Operating Instructions (a code book with frequencies, call signs, and passwords)
- CP - Command Post, the headquarters for an army unit
- Net - Radio/communications network
- SCR - Signal Corps Radio - type of radio. SCR300 is a particular model radio produced for the US Army.
- Pyrotechnics - Signal flares - different colors are available to signal different actions that are specified in the order or the SOI

### **Teacher's Notes:**

- On the main order, paragraph five note that the VII Corps Headquarters is on a U.S. Navy ship and the Airborne headquarters were tentative locations - based on where the Airborne thought they were going to land.
- Wire teams would actually lay telephone wire to connect different units with each other. This was a more secure way of communicating than with radios.
- Note the use of carrier pigeons.
- Note the warning not to use existing telephone poles because the Germans might heavily mine or booby trap the poles.

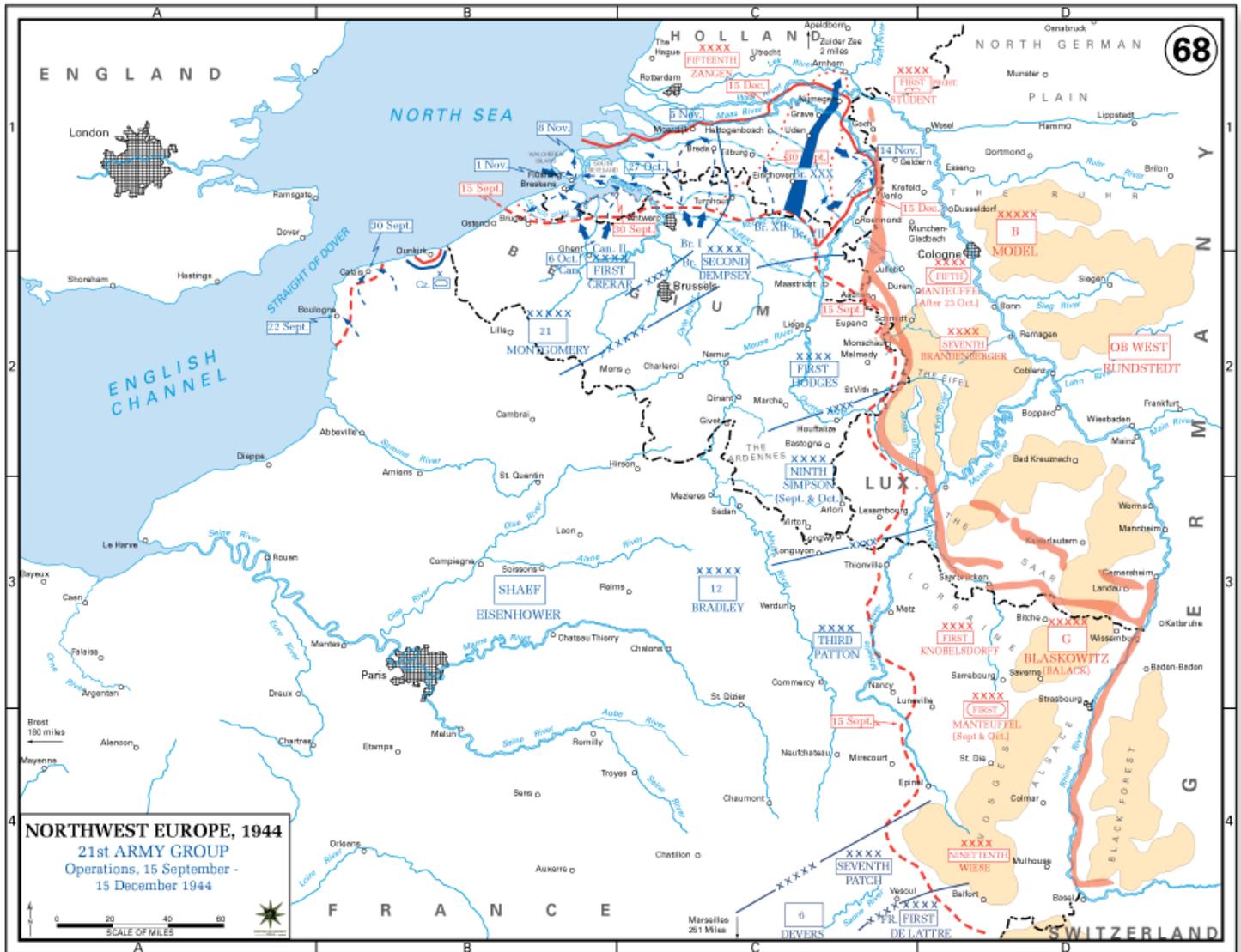
## Photograph, *Parachutes Open Overhead as Waves of Paratroops Land in Holland...*, September 1944

National Archives and Records Administration (531392)



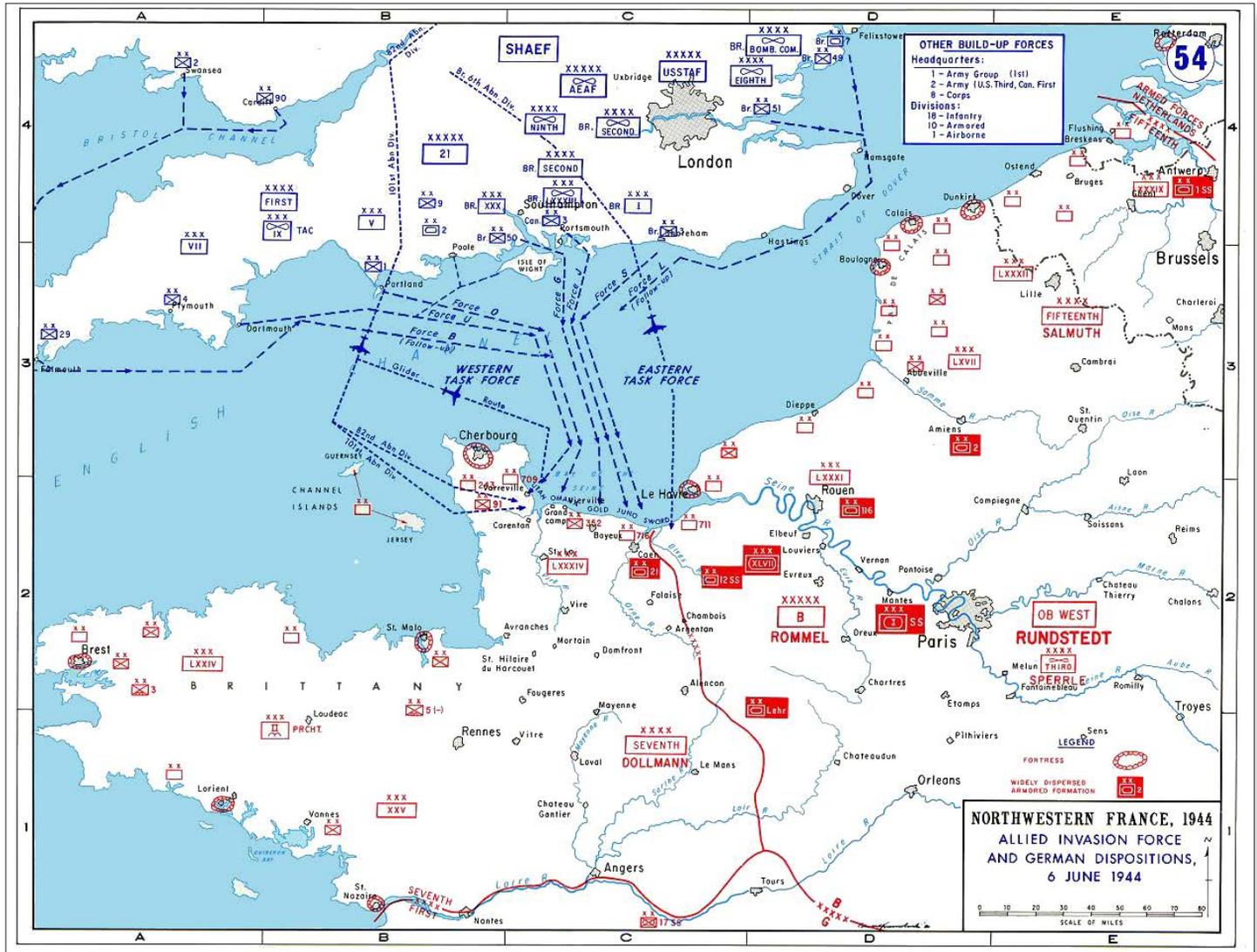
# Map, 21st Army Group Operations, 15 September-15 December 1944

United States Military Academy at West Point



# Map, Allied Invasion Force and German Dispositions, 6 June 1944

United States Military Academy at West Point



# OPORD Intelligence

## Operation Neptune Paragraph One OPORD

### Glossary:

- Bigot - Highest classification, very limited distribution before D-Day
- Enemy Order of Battle and Enemy Defenses - not included because overlay maps that could not be copied
- Rcn Plt - Reconnaissance Platoon, 101<sup>st</sup> Airborne (AB) Division Scouts
- D+1 (looks like a / with a - thru it). The day following D-Day, D+2 is two days following D-Day and so on.
- ASP - Army Signal Platoon, higher level communications at Army level
- VHF - Very High Frequency radio wave
- G-2 - Intelligence Staff Section
- PW - Prisoner of War
- GAF - German Air Force
- FUSA - First United States Army (higher headquarters)
- Blackout - Means not using lights at night (small markers on trucks so you can see the rear end of them at night, the lead truck has modified head lights)
- CIC - Counter Intelligence Center
- AR# - Army Regulation followed by specific number, rARs are rule books
- FM# - Field Manual followed by a specific number, tells you how to do something
- H+1 - One hour after an operation starts (ex: D-Day, H+1 is the first hour after an operation starts on D-Day)
- CR382932 - Is a specific grid coordinate on a map (accurate within 100 square meters). This method was used before GPS.
- OPs - Observation Posts
- Inundations - Low-lying flooded areas
- Wheeled Vehicles - Trucks
- Tracked Vehicles - Tanks
- Undulating - Rolling hills
- Fields of Fire - Describes the area you can see. If you can see it, you can shoot at it.

# Operation Neptune Paragraft One OPOD

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Auth: CG 101 AB Div  
Init: 2.4.4.  
Date: 18 May 1944



101st AB Division  
472, U. S. Army  
May 1944

Intell  
# 1  
- sep.  
Annex

FIELD ORDER )  
NUMBER 1 )

MAPS: FRANCE 1/50,000, GSGS No. 4290, Sheets LA HAYE DU PUIITS (5E/5),  
PERIERES (5E/2 & 6F/1), VALOGNES (6E/3 & 4), ISIGNY (6E/6).

1. a. Intelligence: See Annex No. 1.  
b. The 4th Div of the VII Corps assaults UTAH BEACH on D-day at H-hour and captures CHERBOURG with minimum delay.

2. The 101st AB Div, reinforced, will land by air and water on the COTENTIN PENINSULA beginning at J-hour on the night of D minus one--D-day, with the principal mission of assisting the landing of the 4th Inf Div and its passage inland from UTAH BEACH. It will subsequently protect the south flank of the VII Corps along the DOUVE RIVER within its sector.

Mission  
# 2

- a. Attachments:
  - Co "D", 70th Tank Bn
  - 65th Armd FA Bn (upon release by 4th Inf Div)
  - Tr "C", 4th Cav Sq
  - 3807th QM Trk Co
  - 3808th QM Trk Co
  - 1st Platoon, "A" Btry 474th AA AW Bn
- b. J-hour is the time of dropping of the first parachute serial (See Annex No. 2, Air Movement Table).
- c. J-hour, H-hour, and D-day will be announced to units by officer courier.
- d. Boundaries: See Annex No. 3.
- e. For drop and landing zones: see Annexes No. 3b (1) and (2).

# 3  
Operations  
(subordinate)  
unit  
missions

- 3. a. PARACHUTE ECHELON: (See Annex No. 2, Air Movement Table).
  - (1) 502nd Frcnt Inf, with 377th Frcnt FA Bn, attached, landing on Drop Zone "A", will destroy the enemy battery located west of ST. MARTIN-DE-VARREVILLE (405980) and will seize the western edge of the inundated area back of UTAH BEACH between ST. MARTIN-DE-VARREVILLE (4098) and AUDOUVILLE-LA-HUBERT (4096), both inclusive, prior to H-hour. It will protect the north flank of the Division within the Regimental sector. See Annex No. 3. Upon being relieved by 4th Inf Div it will assemble in place prepared for movement to the southwest. See Annex No. 3a.
  - (2) The 506th Frcnt Inf (with 1st and 3rd platoons, Co "C", 326th AB Engr Bn, attached), landing on Drop Zones "C" and "D" will execute the following missions:
    - (a) Seize the western edge of the inundated area back of UTAH BEACH between AUDOUVILLE-LA-HUBERT (4096) exclusive, and POUPPEVILLE (4493), prior to H-hour.
    - (b) Protect the south flank of the 101st AB Div and 4th Inf Div within the Regimental sector. The bridges north of CARENTAN at 365872, 382865, 383862, 419873, and 427876, will be destroyed; the dam at 397868 will be seized and defended.
    - (3) The 501st Frcnt Inf (less 3rd Bn) with Co "C" (less two platoons); 326th AB Engr Bn, attached, landing on Drop Zone "B", will protect the rear (west flank) of the Division within the Regimental sector. It will seize STR. MERE-EGLISE and the crossings of the MEDEMET RIVER at 315957 and 321930. Upon being relieved by the 4th Inf Div it will assemble southeast of CHEF DU PONT and push a strong detachment to the west for the purpose of destroying the crossings of the DOUVE RIVER at 309910 and 269928 and contacting the 82nd AB Div at ST. SAUVEUR-LE-VICOMTE.

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PO No. 1 Hq 101st AB Div. APO 472, U S Army 18 May 1944 Cont'd.

(4) The 3rd Bn, 501st Pchnt Inf, landing on Drop Zone "G" will assemble in Division reserve prepared to mark and protect glider landing Zone "EM".

b. GLIDER ECHELON: (See Annex No. 2, Air Movement Table).

(1) The glider troops, following landing, will assemble in vicinity of Landing Zones indicated in Annex No. 3b (2) and await orders. Battery "A", 81st AB AA Bn, will be prepared for attachment to the 506th Pchnt Inf. The Commanding General, Division Artillery, is charged with arrangements for receiving the glider echelon. For duties of glider pilots see Annex No. 7.

c. SEABORNE ECHELON: (See Annex No. 2a, Landing Table).

(1) Seaborne elements, upon landing, will assemble as indicated in Annex No. 2b. All combat elements will be prepared for immediate employment in the CARENTAN area. The assistant Division Commander is charged with arrangements for receiving and directing the seaborne elements of the Division.

(2) Batteries "D", "E" and "F", 81st AB AA Bn are initially attached to the 11th AAA Group for the antiaircraft defense of UTAH BEACH. These batteries will revert to Division control upon arrival of their transportation on D plus 1.

(3) The 65th Armd FA Bn (SP), initially attached to the 4th Inf Div, will pass to the control of the 101st AB Div on D-day by mutual arrangement with the 4th Inf Div. It will be prepared to furnish general artillery support from beach positions.

x. (1) S-3 reports will be submitted to reach this Headquarters at 2200 daily by Inf Regiments, Div Arty, 81st AB AA Bn, 326th AB Engr Bn, and separate companies.

(2) For interruption of enemy communication installations see Annex No. 5b.

4. See Administrative Order No. 1.

5. a. (1) See Annex No. 6a and 6b Signal.

(2) Signal Operations Instructions (Assault) Index 1 - 1 will become effective at J-Hour.

(3) Signal Operations Instructions (Reference) Index 1 - 1 will be effective at 0001B, D plus 4.

b. CP's:

VII Corps Airbat	USS BAYFIELD
Alternate Hq	LOI (L) No. 419
VII Corps Ashore	LOUHES (3896) after 1800 D plus 1
4th Inf Div	ST. MARTIN DE VARREVILLE (4098)
82nd AB Div	Vicinity LA FORET (14795)
101st AB Div	HESVILLE (387922)(tentative)
501st Pchnt Inf	CAQUERIE (349952)(tentative)
502nd Pchnt Inf	RHUVILLE (400749)(tentative) 380969
506th Pchnt Inf	ST. MARTIN (387975)(tentative) 396933
327th Chl Inf	STE MARIE-DU-MONT (4192)(tentative)
Div Serv Area	SEBEVILLE (3794)(tentative)

c. Radio Silence.

(1) Airborne elements will break Radio Silence upon landing.  
(2) At H minus 40 or after, Radio Silence may be relaxed by Unit Commanders of Seaborne Elements within approximately twelve (12) miles to Seaward of beaches, unless otherwise prohibited.

d. Axis of Signal Communication:

VII Corps: LOUTRES - STE-MERIE-EGLISE - MONTEBOURG - VALOGNES.

4th Inf Div: ST. MARTIN DE VARREVILLE - BANDIENVILLE - MONTEBOURG - VALOGNES.

e. FMC Group APP will be sent immediately upon capture of strongpoint and battery at ST. MARTIN DE VARREVILLE.

pt 3 cont.

pt 4  
Admin. +  
Logistics  
(See Annex)

pt 5  
Communication  
+  
Command  
(also has sep  
annex)

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TAYLOR

OFFICIAL:

*M. Miller*  
MILLENER

G-3

ANNEXES:

- Annex No. 1 - Intelligence
- Annex No. 2 - Air Movement Table
- Annex No. 2a - Landing Table (Seaborn)
- Annex No. 2b - Beach Control - Seaborn Echelon
- Annex No. 3 - Operations
- Annex No. 3a - Operations
- Annex No. 3b - Landing and Drop Zones
- Annex No. 4 - Plan of Coordination - Artillery, Air, Naval Gunfire
- Annex No. 5 - Engineer
- Annex No. 6 - Signal
- Annex No. 7 - Employment of Glider Pilots

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907th Gli FA Bn	1	Copy No. 103
326th AB Engr Bn	1	Copy No. 104
Co "C", 326th AB Engr Bn	1	Copy No. 105
81st AB AA Bn	1	Copy No. 106
Hq Co, 101st AB Div	1	Copy No. 107
101st AB Sig Co	1	Copy No. 108
Hq 401st Gli Inf (Ron Plat)	1	Copy No. 109
426th AB Qm Co	1	Copy No. 110
326th AB Med Co	1	Copy No. 111
801st QB Ord Maint Co	1	Copy No. 112
3807th QM Trk Co	1	Copy No. 113
3808th QM Trk Co	1	Copy No. 114
Co "D", 70th Tank Bn	1	Copy No. 115
Trp "C", 4th Ron Sq	1	Copy No. 116
65th Armd FA Bn (SF)	1	Copy No. 117
Pathfinders	1	Copy No. 118
603rd QM Gr Co	1	Copy No. 119

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Annex No. 1 to Field Order No. 1.

INTELLIGENCE ANNEXHQ. 101st A/B Div.,  
APO 472, U. S. Army,  
May 1944.

MAPS: France, 1/50,000, GSGS 4250, Sheets 6E3&amp;4, 6E6, 6E5, 5F2 &amp; 6F1.

1. SUMMARY OF THE ENEMY SITUATION: (See G-2 Operational Memorandum No. 21, this Headquarters, 18 May 1944, "Estimate of the Situation").
  - a. Enemy Order of Battle: See Annex 1 A.
  - b. Enemy Defenses: See Annex 1 B.
2. ESSENTIAL ELEMENTS OF INFORMATION:
  - a. What is the strength, composition, location and disposition of enemy forces opposing landing of the Division?
  - b. What enemy defenses are located in Division area and what is their strength, composition and location?
  - c. What is the strength, composition, location and disposition of enemy local reserves in the Division area?
  - d. Where can enemy troops and vehicles cross the DOUVE and MERDERET Rivers and the ~~CARENAN~~ **Canal?**
3. RECONNAISSANCE AND OBSERVATION MISSIONS:
  - a. Ground Reconnaissance:
    - (1) See Annex 1 C.
    - (2) In addition to missions prescribed in Annex 1 C, regiments are responsible for vigorous reconnaissance within their own boundaries extending as far out as communications will permit.
    - (3) Division Recon Plat. (available D/1) and Troop "C", 4th Cav Recon Sq. (attd to 101st Airborne Division on arrival, and available D/2), to operate initially under Division control. These units to be prepared to initiate or extend reconnaissance as shown on Annex 1 C.
  - b. Air Reconnaissance:
    - (1) Under control of VII Corps and First Army.
    - (2) **ASP** to intercept VHF reports of aerial reconnaissance results, reporting all information obtained to G-2.

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c. Photo Reconnaissance Missions:

(1) To be flown under control of VII Corps and First Army. Information obtained from aerial photos to be disseminated by G-2 as obtained.

d. Chemical Intelligence:

(1) All information, positive or negative, concerning prospective use of chemicals by the enemy to be forwarded to G-2 by fastest possible means.

4. MEASURES FOR HANDLING PRISONERS AND CAPTURED DOCUMENTS: (See G-1 Operational Memorandum No. 12, this Headquarters, 24 April 1944).

a. Prisoners of War:

(1) PW tags will be distributed and used when available. If not available, senior NCO of escort will carry memorandum stating place, time and circumstances of capture and capturing unit.

(2) GAF flying personnel will not be interrogated.

b. Documents: Personal documents such as letters, diaries, note-books, etc., will be inclosed in bags which are being distributed and will accompany prisoners. Memos containing information similar to that set forth in Par 4 a. (1) above will be inclosed in bag.

5. MAPS AND PHOTOGRAPHS:

a. Maps: Map distribution will be made in marshalling areas and at air fields pursuant to Map Allowance Table, FUSA, with additional maps to insure supply to all detachments. For map distribution plan see G-2 Operational Memorandum No. 22, this Headquarters, 18 May 1944.

b. Photographs: Photographs to be distributed as obtained depending upon the number received.

6. COUNTER-INTELLIGENCE:

a. See G-2 Operational Memorandum No. 1, this Headquarters, 4 April 1944, and G-2 Operational Memorandum No. 20, this Headquarters, 18 May 1944.

b. Camouflage and blackout discipline to be observed to maximum degree compatible with operations.

c. CIC to send 1 officer and 3 enlisted men with 506th Procht. Inf. to move into CARENTAN on capture, to perform CIC missions; to send 3 enlisted men with 501st Procht. Inf. to move into STE. MERE EGLISE on capture, to perform CIC missions.

7. REPORTS AND DISTRIBUTION:

(REPORTS TO DIVISION TO BE RENDERED BY USING 1/50,000 MAP, GSGS 4250).

a. Routine:

(1) Situation reports from all combat units every hour on the half hour.

(2) S-2 Periodic Reports to reach G-2 by 2400 daily.

(3) PW Interrogation Team reports closing 2400 to G-2 by fastest possible means.

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(4) ~~de~~ <sup>cfo</sup> Detachment report closing 2400 giving summary of sabotage and plans for sabotage obtained to G-2.

(5) at the close of the operation reports as required by AR 345-105, Charge 3, Par. 10, and FM 101-5, Par. 43, as pertains to Intelligence will be rendered by all units to G-2.

b. Spot Reports:

(1) Spot information reports will be rendered to G-2 as obtained. Particular attention to be paid to new identifications, changes in situation, new weapons, use of chemicals and location of armor.

(2) Parachute echelon to render report as to situation one hour after landing and at first light D Day.

(3) Report immediately the capture of causeway exits by number. Report condition of ~~causeway~~ roads hourly after capture until H plus 1.

8. INFORMATION CENTER:

Corps G-2 will maintain an Information Center at GR 382932 (88GS 4347, Sheet 31/E NE, 1/25,000) beginning D plus 1. Information of current tactical situation may be obtained at this point. Center to close when First Army takes over beach maintenance.

TAYLOR

*Sommerfield*  
SOMMERFIELD  
G-2

Sub-Annexes:

- Annex 1 A. - Order of Battle.
- Annex 1 B. - Defenses.
- Annex 1 C. - Ground Reconnaissance.
- Annex 1 D. - Terrain Study.

References:

- G-2 Operational Memorandum No. 1, 101st AB Div., 4 April 1944. (Security Instructions).
- G-2 Operational Memorandum No. 20, 101st AB Div., 18 May 1944. (Security Instructions No. 2).
- G-2 Operational Memorandum No. 21, 101st AB Div., 18 May 1944. (Estimate of the Situation).
- G-2 Operational Memorandum No. 22, 101st AB Div., 18 May 1944. (Map Distribution).
- G-1 Operational Memorandum No. 12, 101st AB Div., 24 April 1944. (Prisoners of War and Civilian Suspects).

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18 May 1944.

ANNEX 1 D  
TACTICAL STUDY OF THE TERRAIN

MAPS: France, 1/25,000, GSGS 4347, Terrain Study Map showing inundated areas.

1. AREA UNDER CONSIDERATION: The area under consideration is bounded on the South by the line CARENTAN-PERLERS-LESSAY; on the West by the line LESSAY-LA HAYE DU PULTS-ST. SAUVEUR LE VICOMTE-VALOGNES; on the North by the low east-west ridge extending from VALOGNES to QUINEVILLE; and on the East by the English Channel and the CARENTAN Channel.

2. GENERAL TOPOGRAPHY OF THE AREA:a. DRAINAGE SYSTEM:

The area under consideration is drained primarily by the DOUVE River and its tributaries. The average depth of the river valley is  $1\frac{1}{2}$  to 2 miles and the slope of the river bed is very gentle. The current does not exceed 2 mph. The DOUVE River is 20' to 80' wide and at least 3' 3" deep as far up as ST. SAUVEUR LE VICOMTE and there is barge traffic between CARENTAN and ST. SAUVEUR LE VICOMTE. The banks of the DOUVE vary from 4' to 8' high. The CARENTAN Channel is 100' to 200' wide with flood banks of 6' to 8'. If these flood banks were destroyed, the lowlands on either side would be flooded at high tide.

The inundations shown on the attached map are artificial. The inundated area in the river valleys is controlled by locks and sluices at LA BARQUETTE (398969). The depth of the flooding varies from 60" at 3786 to only soft ground in other places. If the locks were destroyed, the River DOUVE would be tidal as far up as the confluence of the MERDERET; but the flooding would be erratic and even unlikely in summer. If the locks were properly controlled, it would take an estimated 7 days for the inundated areas to drain but the ground would still be saturated and soft and an obstacle to vehicles of all kinds.

The inundated area back of the beach is likewise artificial, being normally drained by a complex network of field drains. The larger drains have been blocked from 50-150 yards back of the beach (see map) to obtain this inundation. Were these drains cleared it is estimated it would take 10 days to drain this area and even then it would be very soft and unsuitable for vehicles of all types. Even infantry would find it difficult to deploy, though some passageways could be found.

b. RIDGE SYSTEM:

There are two clearly defined ridges in the area. One runs east-west from VALOGNES to QUINEVILLE, the other generally east-west from the vicinity of ETIENVILLE to mouth of River AY. There are no other clearly defined ridges in the area, the terrain being gently rolling, and of no definite pattern. The two ridges excepted, maximum elevation in the area seldom exceeds 10 meters. There is high ground near MONTEBOURG (110 meters) and south of the DOUVE there are two high hills at 165885 and 185875 of 120 and 130 meters elevation respectively.

c. ROUTES:

The main routes in the area are as follows:

- (1) The CARENTAN-VALOGNES highway. (North-South).

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Page No. 2c. ROUTES (Con't.)

- (2) The VALOGNES-ST. SAUVEUR LE VICOMTE-LA HAYE DU PUIITS-LESSAY highway. (North-South).
- (3) The VALOGNES-ETIENVILLE-PERLIERS road. (North-South).
- (4) The ST. SAUVEUR LE VICOMTE-STE. MERE EGLISE road, (East West).
- (5) The CARENTAN-LA HAYE DU PUIITS road. (East-West).

The first two are military roads and are in good repair, The latter are all weather roads, 16' - 18' wide, but probably have not been maintained since 1940. There is an adequate network of minor roads throughout the area. The width of roads and the ditches and hedges along the roads are indicated on the map. There is a double-track railroad from CARENTAN to VALOGNES in the area and a single-track railroad from CARENTAN to LA HAYE DU PUIITS.

d. General Nature of the Terrain:

The area north of CARENTAN and east of the DOUVE as far north as VALOGNES is a low marshy coastal plain. The ground is flat to gently rolling. The streams are sluggish and meandering, flowing through broad valleys. Land that is not under water or marshy is in pastures, cultivated fields, and orchards. Hedges and lines of trees are common between fields and there are many drainage ditches, particularly near the inundated areas and alongside of roads.

South of the DOUVE, the PRAIRIES MARECAGEUSES and the PRAIRIES MARECAGEUSES DE GORGES are of a marshy nature drying to some extent in the summer. The PRAIRIES MARECAGEUSES DE GORGES is very near the source of the River AY northwest of PERLIERS and thus is formed an almost continuous link of low ground across the neck of the COTENTIN Peninsula. Between PERLIERS and the DOUVE the high ground is in woods and pastures.

3. MILITARY ASPECTS OF THE TERRAIN:a. AVENUES OF APPROACH AND LINES OF COMMUNICATIONS:

There are only 5 roads and one railway from the South. The roads cross the DOUVE River at LE MOULIN, CARENTAN, BRUZEVILLE LA BASTILLE, PONT L'ABBE (ETIENVILLE), and ST. SAUVEUR LE VICOMTE. The first, second and last are on military roads, class 50 or better. The railroad crosses on 3 successive bridges northwest of CARENTAN. Approaches from the West include the 5 crossings of the DOUVE at ST. SAUVEUR LE VICOMTE, STE. COLOMBE, RUE DU PART, L'ETAIRIS BERTRAND, and NIGREVILLE. There is the approach through LA HAYE DU PUIITS which does not cross the DOUVE until well within the area under consideration. There are also numerous avenues of approach from the North, the primary ones being the CHERBOURG-CARENTAN Highway, the ST. PIERRE EGLISE-VALOGNES road, and the QUETTEHOU-VALOGNES road, all running south through VALOGNES. There is an extensive network of minor roads throughout the area and communications are good in any direction except across the inundated area back of the beach. Construction and/or maintenance of communications here is a major engineering project. Every effort should be made to seize crossings over this inundation prior to their destruction by the enemy.

Crossing of the CARENTAN estuary from LA BARQUETTE to the sea is difficult due to the treacherous soil conditions. Vehicles cannot cross the estuary except by bridges and ferry at LE MOULIN. Other suitable crossings may exist for infantry, but these would be hazardous until reconnoitered and marked.

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## Operation Neptune Paragraph One OPOD

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NEPTUNE

Annex No. 1D  
In 4 Pages  
Page No. 3.b. OBSTACLES:

The chief obstacles in the <sup>area</sup> are the inundated areas. If these are to be maintained, LA BARQUETTE locks must be captured intact. The soil under inundation is generally clay and gives very poor bearing when wet. These areas are effective obstacles against wheeled and tracked vehicles. Road blocks and mines are known to exist in the areas adjoining the beaches. The ditches and embankments along the roads defile them, preventing vehicles from deploying across country in many places. This renders motor columns vulnerable. The many tree lines, orchards, hedgerows, ditches and defiled roads constitute somewhat of an obstacle to glider landings.

c. CONCEALMENT AND COVER:

Cover and concealment are only fair in the area north of the DOUVE River, since the terrain is only gently undulating. There is concealment from ground observation but not from aerial observation. South of the DOUVE, in the bocage type country, cover and concealment are satisfactory. Due to the amount of vegetation, camouflage should be comparatively easy. Vegetation is predominantly light green in color. Camouflage nets should be pre-garnished accordingly.

d. OBSERVATION:

Ground observation is relatively poor due to the undulating nature of the country and the numerous hedge rows, orchards and lines of trees. South of the DOUVE, the wooded areas and the broken, rocky nature of the country makes observation difficult. There is a notable absence of commanding terrain. Observation from the VALOGNES, QUINEVILLE ridge permits interdiction fire by enemy artillery on roads and intersections from ST. MERE EGLISE to MONTEBOURG.

e. FIELDS OF FIRE:

Within the area, fields of fire necessarily suffer from lack of observation. However, short fields of fire across individual fields are excellent.

4. CRITICAL TERRAIN FEATURES:

- a. The inundated valleys of the DOUVE and its tributaries.
- b. The inundated area back of the beaches.
- c. The locks at LA BARQUETTE.
- d. The lock at 448927.
- e. The crossings of the DOUVE and its tributaries.
- f. The center of communications VALOGNES and the many avenues of approach from the North.
- g. The east-west ridge from VALOGNES to QUINEVILLE.
- h. The east-west ridge extending from north of the River AY to FORT L'ABBE (ETREVILLE).
- i. The high ground back of the beach.
- j. The communications bottleneck at CARENTAN.

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# Operation Neptune Paragraph One OPOD

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NEPTUNE

Annex 1 D  
In 4 Pages  
Page No. 4.

5. TACTICAL EFFECT OF THE TERRAIN:

a. The inundated areas offer excellent protection from the South and the West once the crossings have been seized or destroyed. Destruction of the crossings from the South will augment the defense characteristics offered by the inundated areas.

b. The most favorable lines of defense across the base of the COTENTIN Peninsula would be:

(1) Valley of the DOUVE River, PRAIRIES MARECAGEUSES, to nearest west coast or via valley of River OLLANDE.

(2) Valley of the DOUVE River, PRAIRIES MARECAGEUSES DE GORGES, to nearest west coast via the valley of the River AI.

c. In general the road net is adequate but will require some reconstruction and maintenance.

d. The seizure of the exits from the beaches and high ground back of them is mandatory for the successful and early deployment of beach landing troops.

e. The seizure of the crossings of the River DOUVE is mandatory, to prevent the enemy from crossing the inundated area from the South.

f. The many approaches from the North make for easy access to the area from the communications center at VALOGNES.

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# Operation Neptune Paragaph One OPORD

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NEPTUNE

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27 May 1944

In 1 Page  
Page No. 1

Hq., 101st AB Division,  
APO No. 472, U. S. Army  
27 May 1944

Amendment No. 1 to Annex No. 1  
To  
Field Order No. 1

1. Ground reconnaissance as shown on Annex 1 C is amended as follows:

a. 502nd Parachute Infantry: No change.

b. 501st Parachute Infantry:

(1) OP's previously designated are cancelled.

(2) 501st Parachute Infantry to establish and man observation post designated on overlay for the 506th Parachute Infantry.

c. 506th Parachute Infantry:

506th Parachute Infantry to establish observation post in the vicinity of Road Junction at LA FOURCHETTE (432845) with alternate OP in the vicinity of BREVARDS (437873).

2. Par. 8 is amended by changing the location of the Corps Information Center to RJ 406952 (GSGS 4347, Sheet 34/18 NW, 1/25,000).

TAYLOR

OFFICIAL:

*Sommerfield*  
SOMMERFIELD  
G-2

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# OPORD Intelligence

## Operation Market Garden Paragraph One OPORD

### Glossary:

- Bigot - Highest classification, very limited distribution before D-Day
- Enemy Order of Battle and Enemy Defenses are not included in this set of documents
- D+1 (looks like a / with a - through it) - the day following D-Day; D+2 is two days following D-Day and so on.
- ASP - Army Signal Platoon, higher level communications at Army level
- VHF - Very High Frequency radio wave
- G-2 - Intelligence Staff Section
- PW - Prisoner of War
- Bridge Classification - How much weight can a bridge support
- Blackout - Means not using lights at night (small markers on trucks so you can see the rear end of them at night, the lead truck has modified head lights)
- CIC - Counter Intelligence Center

# Operation Market Garden Paragraph One OPOD

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HEADQUARTERS, 101ST AIRBORNE DIVISION  
Office of the Division Commander

CLASSIFICATION CHANGED TO: APO 112, S. Army  
14 September 1944  
**CANCELLED**  
BY AUTHORITY OF THE ADJUTANT GENERAL  
4.0 McPartland ABW  
DOWNGRADING COMMITTEE 8 May 46

Pf 1  
Sep. Annex

FIELD ORDER)  
NUMBER 1

1. a. Intelligence: see Annex No. 1
- b. (1) First Airborne Division (British) will seize and control bridges across NEDER RIJN at ARNHEM.
- (2) 82nd Airborne Division will seize and control bridges across MAAS and De WAAL Rivers near NIJMEGEN.

Pf 2  
Mission

2. a. 101st Airborne Division will land by parachute and glider in daylight on D, D+1 and D+2 Days, in the ZON (444254) - VECHTEL (482375) area with the mission of seizing and holding the principal stream and canal crossings at EINDHOVEN (430180), ZON (444254) and VECHTEL (482375) in order to assist the advance of the British 2nd Army northward along the EINDHOVEN - GRAVE (620530) highway. (See Annex No. 3).

b. Composition of Airborne Lifts:

D Day	432 Parachute A/G 70 CG4A Gliders	} merge } plan
D+1 Day	450 CG4A Gliders	
D+2 Day	382 CG4A Gliders	

3101-39

c. For Drop Zones and Landing Zone, see Annex No. 2. For air movement plan, see Annex No. 5.

3. a. D Day lift:

Pf 3  
Operations -  
Mission of  
Subordinate  
units by  
Day

(1) 501st Parachute Infantry Regiment with two platoons Company "C", 326th Airborne Engineer Battalion attached, will land on DZ "A" and secure the canal and stream crossings in the VECHTEL (482375) area. (See Annex No. 3)

(2) 506th Parachute Infantry Regiment with one platoon Company "C", 326th Airborne Engineer Battalion and detachment Division Reconnaissance Platoon attached will land on DZ "B". It will secure the three crossings of the WILHELMINA CANAL at ZON (443253) immediately upon landing. It will be prepared to move on EINDHOVEN (430180) within two hours after landing for the purpose of securing the stream and canal crossings at that point. (See Annex No. 3)

(3) 502nd Parachute Infantry Regiment with Company "C", 326th Airborne Engineer Battalion (less three platoons) attached, will land on DZ "C" and assemble in Division reserve. It will block the ZON (443253) - ST ORDENHOE (412318) road in vicinity of VILLEN BRAKEN (442295) and maintain contact with the 501st and 506th Parachute Infantry Regiments. It will send a detachment to secure the crossings (380244) (390250) of the WILHELMINA CANAL south and southeast of BEST (374266). It will be prepared to take over the bridgehead at ZON (443253) established by 506th Parachute Infantry Regiment and support the latter in its movement on EINDHOVEN (430180)

D-Day  
D+1  
D+2

Report 1944 (month)

23149-  
master

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FO #1, Hq 101 AB Div, dated 14 September 1944, cont'd

(4) The glider element of D - Day lift will land on LZ "W" and move to areas as shown in Annex No. 2a (Glider Assembly Plan). The Division Reconnaissance Platoon, less detachment, will be prepared to push reconnaissance toward SCHLUNDEL (406382) - BEST (374266) and LIESHOUT (514270).

b. D / 1 and D / 2 day lifts: Units of these lifts will land on glider landing zone "W" as shown in Annex No. 2. They will assemble as shown on Annex No. 2a and await orders.

x. (1) The bridges in the VECHSEL (481376) and ZON (443253) areas will be seized with maximum speed immediately upon landing by the responsible parachute regiment. The most conveniently placed small group will rush these bridges without waiting for the assembly of large elements.

(2) All bridges and signal communications in the area will be preserved for the use of our own troops.

(3) The Division Artillery Commander is responsible for calls for support from British artillery and combat aviation.

(4) The 502nd Parachute Infantry Regiment is charged with securing LZ "W" for the D - Day glider lift.

(5) Colonel Thomas Sherburne, Division Artillery, is charged with the reception of glider elements upon landing zone "W".

(6) All locks and water ways in the area will be maintained in working order.

(7) All ferries, barges, etc., not actually in use by the Division will be brought to the south bank of streams to make them available for XXX Corps if required.

(8) Roads will be kept free of troops and vehicles of the Division after ground contact is made to permit the rapid transit of XXX Corps.

(9) Employment of glider pilots will be the same as for operation "LINNET".

(10) Mines will be laid only under Engineer supervision and will be carefully recorded. Our own and enemy mine fields will be reported at once to Division.

4. a. Administrative order same as for "LINNET".

b. Gas masks will be carried.

5. a. Signal Annex (Annex No. 4)

b. Tentative Command Posts

Unit	Coordinates
Corps	
82nd Airborne Division	
Division and Division Artillery	(442269)
501st Parachute Infantry Regiment	(477375)
502nd Parachute Infantry Regiment	(440281)
506th Parachute Infantry Regiment	(443257)
327th Glider Infantry Regiment	(435269)

c. Orange or yellow flags, panels, or smokes will be used to identify friendly troops.

For the Commanding General:

*R. D. M. Milener*

R. D. MILLENER,  
Lieutenant Colonel, GSC,  
Staff

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*#3 Cont.*

*#5  
Sep Annex  
w/ some  
notes  
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Admin +  
Logistics -  
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FO #1, Hq 101 AB Div, dated 14 September 1944, <sup>cont'd</sup>

## 5 Annexes:

Annex No. 1 - Intelligence  
 Annex No. 2 - Drop Zones and Landing Zone  
 Annex No. 2a - Glider Assembly Areas  
 Annex No. 3 - Operations  
 Annex No. 4 - Signal Annex  
 Annex No. 5 - Air Movement Table

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APO 472, U. S. Army,  
13 September 1944.

Annex No. 1 to FO No. 1.

INTELLIGENCE ANNEXMAPS: FRANCE, 1/250,000, GSGP 4042, Sheets Nos. 2a & 3a, 2, 3.  
1/25,000, GSGS 4427, Sheets Nos. 11 SW, SE; 18 NW, NE, SW, SE;  
26 NW, NE.1. SUMMARY OF THE ENEMY SITUATION:

- a. Enemy Order of Battle: Annex 1 a.
- b. Enemy Defenses (Local): Annex 1 b.

2. ESSENTIAL ELEMENTS OF INFORMATION:

- a. Determine strength, composition, location and disposition of enemy forces capable of opposing landing of the Division.
- b. Determine strength, composition and location of enemy defenses located in Division area.
- c. Determine strength, composition, location, method and direction and speed of movement of enemy withdrawing from their present line along the ALBERT CANAL to our Division area.
- d. Determine strength, composition, location, method and direction and speed of movement of enemy moving into Division area from vicinity of the DUTCH ISLANDS.

3. RECONNAISSANCE AND OBSERVATION MISSIONS:

- a. Aviation:
  - (1) Controlled by British Airborne Corps.
  - (2) Our ASF will be prepared to intercept VHF reports of aerial reconnaissance results and will report all information obtained to ACoIS, G-2.
- b. Ground Reconnaissance:
  - (1) As provided in Annex 1 c.
  - (2) Immediate reports of units identified through <sup>PLS</sup> will be submitted to ACoIS, G-2.
- c. Observation Posts:
  - (1) Regimental control.
- d. Chemical Intelligence:
  - (1) Any indications, positive or negative, that the enemy intends using chemicals will be forwarded to ACoIS, G-2, by fastest means possible.

3. ENGINEERS:

Will make thorough reconnaissance of all the main bridges within Division area with particular attention to width and classification of bridges. Platoons at-

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tached to regiments will execute this as soon as practicable.

4. MEASURES FOR HANDLING PRISONERS OF WAR AND CAPTURED DOCUMENTS:

a. Prisoners of War:

(1) Procedure: See G-1 Operational Memorandum No. 12, this Headquarters, dated 24 April 1944.

(2) PW Tags will be distributed and used when available. If not available, senior HCO of escort will carry memorandum stating place, time and circumstances of capture and capturing unit.

b. Documents:

(1) Personal documents (letters, diaries, etc.) will be placed in bags if available and allowed to accompany prisoner. If bags are unavailable, material will be placed together on person of prisoner and the escort directed to notify Division PW cage of action taken.

5. MAPS AND PHOTOGRAPHS:

a. Maps: Distribution completed in accordance with instructions issued by XVIII Corps (Airborne).

6. COUNTER-INTELLIGENCE:

a. See G-2 Operational Memorandum No. 1, this Headquarters, 4 April 1944, and G-2 Operational Memorandum No. 20, this Headquarters, 18 May 1944.

b. Camouflage and blackout discipline to be observed to maximum degree compatible with operations.

7. INFORMATIONAL REFERENCES:

a. The following information, subjects indicated, already distributed to units of this Division:

- (1) Enemy Defenses - Arnheim, Eindhoven, Valkenswaard.
- (2) Airfields.
- (3) Weather.
- (4) Study of Terrain.
- (5) Evacuation - Inundations.
- (6) Cities.
- (7) Bridge details.
- (8) Road details.
- (9) Dumps.
- (10) Waterways.
- (11) Comments on employment of Allied Airborne Troops.

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8. REPORTS AND DISTRIBUTION: Use 1/25,000 scale map).

a. Routine:

- (1) Situation reports from all combat units every hour on the half hour.
- (2) S-2 Periodic Reports to reach G-2 by 2330 daily.
- (3) PW Interrogation Team reports as of 2300 to reach G-2 prior to 2330 hours daily.
- (4) CIC Detachment report as of 2300, giving summary of activities and plans for following day's activities to G-2 prior to 2330.
- (5) At the close of the operation, reports as required by AR 345-105, Change 3, par. 10, and FM 101-5, par. 43, as pertains to Intelligence will be rendered by all units to G-2.

b. Spot Reports:

- (1) Information of immediate value will be transmitted as obtained.

T-YLOR

OFFICIAL:

DANAHY, G-2

Sub-Annexes:

- Annex 1 a. - Order of Battle
- Annex 1 b. - Enemy Defenses (Local).
- Annex 1 c. - Reconnaissance by Units.

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Annex No. 1 b  
In 5 Pages  
Page No. 1.

Hqs., 101st AB Division  
APO 472, U. S. Army  
14 September 1944

Annex No. 1 b to FO No. 1.

PHOTO INTELLIGENCE REPORT.

MAPS: HOLLAND, 1/25,000, GSGS 4427, Sheets 18 NW, 18 NE, 18 SW, 26 NW, 26 NE, 11 SE.

Photo Coverage:

Sortie No.	Sqd	Date	F. L.	Scale	Quality
10632789	542	11 Sep.	36"	1/10,000	"A"

EINDHOVEN and VICINITY

1. AIRBORNE OBSTACLES:

Coordinates	Item	Photo No.
408207-371249	Power line	4116, 4115, 4114, 4113, 3135, 3136
463201-440220	High tension wires on high pylons	4052
295277-282285	Overhead cable	4191
309267-289280	Overhead cable	4192
309266-285280	Overhead cable	4192

2. ANTI-AIRCRAFT ARTILLERY:

400190	Unoccupied hvy AA 6 gun btry. Barbed wire about area. 3 searchlights in area, NW of btry.	4118
445192	Hvy AA 6 gun unoccupied btry	4064
445193	3 probable Lt. AA mounted on corners of castle	4078
417190	8 Lt AA on roofs of buildings in built up area	3064
353182	Hvy AA btry 6 guns with shelters nearby	3202
354183	AA-MG btry	3202
454176	Lt AA, 4 open positions	4056
561442	3 Lt AA and 8 hvy AA guns. Hvy btry in circular pattern, emplacements measure 25' diameter. Unoccupied. Area also contains fox-holes, shelter trenches, ammo huts and revetments.	4284
302239	Hvy AA 4 gun btry.	4195
312229	Probable hvy AA 3 gun positions	4195
329185	Lt AA 3 guns, unoccupied	4201
419314	Lt AA 3 guns, unoccupied	-
368208	Lt AA 3 guns, unoccupied	-
371214	12 hvy AA 6 guns, unoccupied. 2 searchlight emplacements, unoccupied	-

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Annex 1 b  
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Page No. 22. ANTI-AIRCRAFT ARTILLERY (Con't.):

Coordinates	Item	Photo No.
372204	Lt AA 3 guns	-
388215	Lt AA 3 gun emplacement, unoccupied	-
399237	Lt AA 3 gun emplacement, unoccupied	-

3. ENGINEER INTELLIGENCE:

411171	Bridge (not shown on 1/25,000 maps). 36' wide, 28' long	4120
408160	Bridge, 37' wide, 80' long; concrete structure.	4121
408162	Structure capable of being used as foot crossing. 10' wide, 70' long	4120
398180	Bridge: Has been blown and reconstructed; 180' long, 20' wide. N of bridge is a probable pipe line crossing canal on steel frame	4119
389249	Bridge: 160' long over 90' water gap	4112
373218	Bridge: 180' long, 40' wide, 80' water gap; steel frame superstructure	3132
372227	No bridge. Map (1/25,000) shows bridge	3133
380244	Railroad bridge. Steel, 190' long, 40' wide, 80' water gap	3135
398321	Bridge: Concrete, approximately 12' wide, 50' long, with small dam adjoining bridge to E	3079
337250	Bridge: concrete, single span, approximately 170' long 15' wide	3195
317253	Bridge: concrete, single span, approximately 150' long, 15' wide	3195
300520	Railroad bridge; steel, box type six spans, 1600' long, 10' wide	3168
296518	Bridge: concrete and steel (semi-circular superstructure), 4 spans, approximately 1600' long, 50' wide. W of main bridge, a ponton bridge in sections stands by for emergency	3168
301511	Bridge: concrete, single span, approximately 70' long, 30' wide	3168
450175	Bridge: single span	4056
521407	Bridge: masonry, approximately 20' long, 12' wide, width of stream 12'	4278-4279
522404	Bridge, masonry, approximately 20' long, 12' wide, width of stream 10'	4278-4279
500418	Bridge: masonry, approximately 20' long, 12' wide, width stream 10'	3279-3280
509419	Bridge: masonry, approx 20' long, 12' wide, width of stream 10'	3279-3280
514421	Bridge: masonry, approx 20' long, 12' wide, width of stream 10'	3279-3280
451175	Bridge: probably concrete, approx 70' long, 14' wide. Stream width 50'	4062
439178	Bridge: elevator type, 60' X 60', stream width 60'	4062

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Page No. 3.3. ENGINEER INTELLIGENCE: (Con't.)

Coordinates	Item	Photo No.
446202	Bridge: concrete, 55' long, 12' wide, width of stream 12'	4065
428254	Bridge: drawbridge, approx 20' wide, 150' long, width of stream 110'	4071
418319	Bridge: probably wooden, approx 60' long, 8' wide, width stream 40'	4079
421322	Bridge: probably wooden, approx 60' long, 10' wide, width stream 30'	4079
404322	Bridge: probably wooden, 60' long 10' wide, approx 40' across stream	4079
496259	Bridge: drawbridge	3012
473368	Bridge: concrete, approx 10' wide width stream 25'	3024
468375	Bridge: concrete, approx 80' long 12' wide	3026
464377	Bridge: approx 80' long and 10' wide; has steel center support	3026
476384	Bridge: approx 70' long and 20' wide probably steel	3026
478378	Bridge: approximately 80' long, 15' wide, probably concrete	3026
481376	Bridge: approx 70' long, 55' wide	3027
371391	Bridge: approx 65' long, 15' wide	3027
471395	Bridge: approx 15' long, 12' wide	3027
527188	Bridge: concrete, 100' long, stream width 70', width of approach roads 15'	4003
532189	Bridge: concrete, 200' long, 50' wide, width of stream 60'. Banks gradually slope. Approach roads 30' wide and are paved concrete	4012
501260	Bridge: concrete, two span, 190' long 15' wide, width of stream 90', roads of approach 22' wide	4022
503340	Bridge concrete, approx 80' long, 20' wide	4022
504341	Bridge: approx 40' long, 15' wide	4022
500343	Bridge: approx 70' long, 10' wide	4029
493412	Bridge: approx 30' long, 12' wide	4029
495413	Bridge: approx 30' long	4173
281464	Bridge: concrete, single span, 110' long, 50' wide	4173
280461	Bridge: railroad, steel, 36 spans, length 2050', width 10'	4175
271442	Bridge: concrete, single span, 190' long, 15' wide	4194
335252	Bridge: concrete, 170' long, 18' wide, 110' width of canal, approach roads 20' wide	4025
483366	Bridge: approx 80' long, 15' wide	3168
298512	Bridge: sluice gate type, 100' long 10' wide	3048
455255	Bridge: concrete, 100' long	3048
454248	Bridge: approx 35' long, 10' wide	

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## Operation Market Garden Paragraph One OPOD

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Annex 1b  
In 5 Pages  
Page No. 4

## 3. ENGINEER INTELLIGENCE

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Coordinates	Item	Photo No.
449262	Bridge: approx 35' long, 10' wide	3046
468374	Bridge: approx 50' long, 15' wide masonry construction	3037
364377	Bridge: railroad, approx 35' long, 10' wide	3036
452206	Bridge: single span, 10' wide	4053
443254	Bridge: two span, 15' wide	4048
448259	Bridge: single span, 15' wide	4048
446283	Bridge: single span 8' wide	4045
443308	Bridge: single span 20' wide	4043

## 4. MINOR DEFENSES:

398158-409160	Convoy shelter pits along road	4121
410180	Slit trench immediately S of buildings on road	4119
389249	Weapons pits on N bank of canal for distance of 130' E of road at this point	4112
382201	Slit trenches on NE side of canal	3129
443155	Area approx 300 yds X 450 yds filled with fox-holes and slit trenches	4060
453183	Possible military activity; 3 small and one possible large emplacement	4062
443162	Area averaging approx 300 yds X 600 yds filled with fox-holes and slit trenches	4061
452169-450162	Shelter pits along road	4056
537418	Group of approx 25 shelter pits measuring approx 5' diameter; in vicinity of railroad station	4280-4281
554424	Military activity: area contains shelter trenches and fox-holes	4282-4283
511301	Military activity. Weapons pits in area	4016
500250	Military activity in woods	3010
475304	Two weapons pits along N side of road	3017
480377	Four weapons pits in fields NE edge of town	3026
277514-287511	Convoy shelter pits along main high- way	4168
278514-271479	Convoy shelter pits along both sides of highway	4169-4170, 4171
282500-284498	Convoy shelter pits along both sides of highway	4170
265486-279472	Convoy shelter pits	4171-4172
266469-296461	Convoy shelter pits	4172-4173
475208-475211	Convoy shelter pits	3052
463343	Troop activity; MG pits and slit trenches near road junctions	3039
495250	Military activity	-
454268	Probable machine gun	-
451277	Probable machine gun	-
390240	Possible military buildings. Asso- ciated shelter trenches and pits	-
438159	Hospital area	4060

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MARKET

Annex 1 b  
In 5 Pages  
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4. MINOR DEFENSES: (Con't.)

Coordinates	Item	Photo No.
352195	9 airplane revetments measuring about 100' x 130'	3201
569437	Military activity; nature unknown	4284-4285
539448	Work activity in wooded area. Evidence of fresh spoil around possible emplacements	3282-3283
557448	Work activity in wooded area	3284-3285
582505	Possible camouflaged ammunition or supply dump in wooded area	3291
283435	Military activity	4176
379189	Airfield probably rendered unusable from heavy bombing attack. Large craters dot landing strips	

Note: Some installations will not appear on overlay as they are out of immediate area.

DANAHER, G-2

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# OPORD Mission

## Operation Neptune Paragraph Two OPORD

### Glossary:

- J-Hour - When the paratroopers began jumping into France
- Attachments - Other units that are temporarily assigned to the 101st in order to help the 101st accomplish its mission.
- Drop and Landing Zones - Annexes are not available because of size and brittle nature of original documents
- 65th Armd FA Bn - 65th Armored Field Artillery Battalion. These are artillery (cannons) that are mounted on tracked vehicles
- QM Trk Co - Quartermaster Truck Company. This is a unit of cargo trucks that are used to transport men and cargo.
- A Brty 474th AA AW Bn - This is an anti-aircraft gun battery (about six anti-aircraft guns to protect against air attack.

# Operation Neptune Paragraft Two OPOD

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Auth: CG 101 AB Div  
Init: W.A.H.  
Date: 18 May 1944



101st AB Division  
PO 472, U. S. Army  
May 1944

FIELD ORDER )  
NUMBER 1 )

MAPS: FRANCE 1/50,000, GSGS No. 4250, Sheets LA HAYE DU PUITIS (5E/5),  
PERIERES (5E/2 & 6F/1), VALOGNES (6E/3 & 4), ISIGNY (6E/6).

Intell  
#1  
- sep.  
Annex

1. a. Intelligence: See Annex No. 1.
- b. The 4th Div of the VII Corps assaults UTAH BEACH on D-day at H-hour and captures CHERBOURG with minimum delay.
2. The 101st AB Div, reinforced, will land by air and water on the COTENTIN PENINSULA beginning at J-hour on the night of D minus one--D-day, with the principal mission of assisting the landing of the 4th Inf Div and its passage inland from UTAH BEACH. It will subsequently protect the south flank of the VII Corps along the DOUVE RIVER within its sector.
  - a. Attachments:
    - Co "D", 70th Tank Bn
    - 65th Armd FA Bn (upon release by 4th Inf Div)
    - Tr "C", 4th Cav Sq
    - 3807th QM Trk Co
    - 3808th QM Trk Co
    - 1st Platoon, "A" Btry 474th AA AW Bn
  - b. J-hour is the time of dropping of the first parachute serial (See Annex No. 2, Air Movement Table).
  - c. J-hour, H-hour, and D-day will be announced to units by officer courier.
  - d. Boundaries: See Annex No. 3.
  - e. For drop and landing zones: see Annexes No. 3b (1) and (2).

Mission  
#2

3. a. PARACHUTE ECHELON: (See Annex No. 2, Air Movement Table).
  - (1) 502nd Prcht Inf, with 377th Prcht FA Bn, attached, landing on Drop Zone "A", will destroy the enemy battery located west of ST. MARTIN-DE-VARREVILLE (405980) and will seize the western edge of the inundated area back of UTAH BEACH between ST. MARTIN-DE-VARREVILLE (4098) and AUDOUVILLE-LA-HUBERT (4096), both inclusive, prior to H-hour. It will protect the north flank of the Division within the Regimental sector. (See Annex No. 3. Upon being relieved by 4th Inf Div it will assemble in place prepared for movement to the southwest. See Annex No. 3a.
  - (2) The 506th Prcht Inf, (with 1st and 3rd platoons, Co "C", 326th AB Engr Bn, attached), landing on Drop Zones "C" and "D" will execute the following missions:
    - (a) Seize the western edge of the inundated area back of UTAH BEACH between AUDOUVILLE-LA-HUBERT (4096) exclusive, and POUPEVILLE (4493), prior to H-hour.
    - (b) Protect the south flank of the 101st AB Div and 4th Inf Div within the Regimental sector. The bridges north of CARENTAN at 365872, 382865, 383862, 419873, and 427876, will be destroyed; the dam at 397868 will be seized and defended.
    - (3) The 501st Prcht Inf, (less 3rd Bn) with Co "C" (less two platoons), 326th AB Engr Bn, attached, landing on Drop Zone "B", will protect the rear (west flank) of the Division within the Regimental sector. It will seize STR. MERE-EGLISE and the crossings of the MERDET RIVER at 315957 and 321930. Upon being relieved by the 4th Inf Div it will assemble southeast of CHEF DU PONT and push a strong detachment to the west for the purpose of destroying the crossings of the DOUVE RIVER at 309910 and 269928 and contacting the 82nd AB Div at St. SAUVEUR-LE-VICOMTE.

#3  
Operations  
(subordinate)  
unit  
missions

- 1 -

Page No. 1 of 4 pages

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PO No. 1 Hq 101st AB Div APO 472, U S Army 18 May 1944 Cont'd.

(4) The 3rd Bn, 501st Prcht Inf, landing on Drop Zone "G" will assemble in Division reserve prepared to mark and protect glider landing Zone "EM".

b. GLIDER ECHELON: (See Annex No. 2, Air Movement Table).

(1) The glider troops, following landing, will assemble in vicinity of Landing Zones indicated in Annex No. 3b (2) and await orders. Battery "A", 81st AB AA Bn, will be prepared for attachment to the 506th Prcht Inf. The Commanding General, Division Artillery, is charged with arrangements for receiving the glider echelon. For duties of glider pilots see Annex No. 7.

c. SEABORNE ECHELON: (See Annex No. 2a, Landing Table),

(1) Seaborne elements, upon landing, will assemble as indicated in Annex No. 2b. All combat elements will be prepared for immediate employment in the CARENTAN area. The Assistant Division Commander is charged with arrangements for receiving and directing the seaborne elements of the Division.

(2) Batteries "D", "E" and "F", 81st AB AA Bn are initially attached to the 11th AAA Group for the antiaircraft defense of UTAH BEACH. These batteries will revert to Division control upon arrival of their transportation on D plus 1.

(3) The 65th Armd FA Bn (SP), initially attached to the 4th Inf Div, will pass to the control of the 101st AB Div on D-day by mutual arrangement with the 4th Inf Div. It will be prepared to furnish general artillery support from beach positions.

x. (1) S-3 reports will be submitted to reach this Headquarters at 2200 daily by Inf Regiments, Div Arty, 81st AB AA Bn, 326th AB Engr Bn, and separate companies.

(2) For interruption of enemy communication installations see Annex No. 5b.

4. See Administrative Order No. 1.

5. a. (1) See Annex No. 6a and 6b Signal.

(2) Signal Operations Instructions (Assault) Index 1 - 1 will become effective at J-hour.

(3) Signal Operations Instructions (Reference) Index 1 - 1 will be effective at 0001B, D plus 4.

b. CP's:

VII Corps Afloat	USS BAYFIELD
Alternate Hq	LCI (L) No. 419
VII Corps Ashore	LOURES (3896) after 1800 D plus 1
4th Inf Div	ST. MARTIN DE VARREVILLE (4098)
82nd AB Div	Vicinity LA FORET (14795)
101st AB Div	HESVILLE (387922)(tentative)
501st Prcht Inf	CAQUERIE (349952)(tentative)
502nd Prcht Inf	REUVILLE (409740)(tentative) 380969
506th Prcht Inf	ST. MARTIN (387975)(tentative) 396933
327th Cli Inf	SIE MARIE-DU-MONT (4192)(tentative)
Div Serv Area	SEBEVILLE (3794)(tentative)

c. Radio Silence.

(1) Airborne elements will break Radio Silence upon landing.

(2) At H minus 40 or after, Radio Silence may be relaxed by Unit Commanders of Seaborne Elements within approximately twelve (12) miles to Seaward of beaches, unless otherwise prohibited.

d. Axis of Signal Communication:

VII Corps: LOURES - STE-MERE-EGLISE - MONTEBOURG - VALOGNES.

4th Inf Div: ST. MARTIN DE VARREVILLE - BANDIENVILLE - MONTEBOURG - VALOGNES.

e. FMG Group APF will be sent immediately upon capture of strongpoint and battery at ST. MARTIN DE VARREVILLE.

*Pt 3 cont.*

*Pt 4  
Admin. +  
Logistics  
(See Annex)*

*Pt 5  
Communications  
+  
Command  
(also has sep  
annex)*

-2-

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FO No. 1 Hq 101st AB Div APO 472, U. S. Army 18 May 1944 Cont'd

TAYLOR

OFFICIAL:

*M. Miller*

MILLENER  
G-3

ANNEXES:

- Annex No. 1 - Intelligence
- Annex No. 2 - Air Movement Table
- Annex No. 2a - Landing Table (Seaborne)
- Annex No. 2b - Beach Control - Seaborne Echelon
- Annex No. 3 - Operations
- Annex No. 3a - Operations
- Annex No. 3b - Landing and Drop Zones
- Annex No. 4 - Plan of Coordination - Artillery, Air, Naval Gunfire
- Annex No. 5 - Engineer
- Annex No. 6 - Signal
- Annex No. 7 - Employment of Glider Pilots

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Co "G", 326th AB Engr Bn	1	Copy No. 105
81st AB AA Bn	1	Copy No. 106
Hq Co, 101st AB Div	1	Copy No. 107
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801st QB Ord Maint Co	1	Copy No. 112
3807th QM Trk Co	1	Copy No. 113
3808th QM Trk Co	1	Copy No. 114
Co "D", 70th Tank Bn	1	Copy No. 115
Trp "C", 4th Ren Sq	1	Copy No. 116
65th Armd FA Bn (SF)	1	Copy No. 117
Pathfinders	1	Copy No. 118
603rd QM Gr Co	1	Copy No. 119

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# OPORD Mission

## Operation Market Garden Paragraph Two OPORD

### Glossary:

- D-Day is the day the operation starts.
- D+1 is one day after D-Day (looks like D / with a - thru it, typewriters did not have a plus sign on them).
- A/C is aircraft
- CG4A is a Waco Glider that could carry up to 13 troops or a jeep or small cannon.

# Operation Market Garden Paragraph Two OPORD

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Office of the Division Commander

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14-September 1944  
**CANCELLED**  
BY AUTHORITY OF THE ADJUTANT GENERAL  
4.0 McPartland ABW  
DOWNGRADING COMMITTEE 8 May 46

Pf 1  
Sep. Annex

FIELD ORDER)  
NUMBER - 1 )

- 1. a. Intelligence; see Annex No. 2
- b. (1) First Airborne Division (British) will seize and control bridges across NEDER RIJN at ARNHEM.
- (2) 82nd Airborne Division will seize and control bridges across MAAS and De WAAL Rivers near NIJMEGEN.

Pf 2  
Mission

2. a. 101st Airborne Division will land by parachute and glider in daylight on D, D+1 and D+2 Days, in the ZON (444254) - VECHTEL (482375) area with the mission of seizing and holding the principal stream and canal crossings at EINDHOVEN (430180), ZON (444254) and VECHTEL (482375) in order to assist the advance of the British 2nd Army northward along the EINDHOVEN - GRAVE (620530) highway. (See Annex No. 3).

b. Composition of Airborne Lifts:

D Day	432 Parachute A/C 70 CG4A Gliders	} master } plan
D+1 Day	450 CG4A Gliders	
D+2 Day	382 CG4A Gliders	

3101-39

g. For Drop Zones and Landing Zone, see Annex No. 2. For air movement plan, see Annex No. 5.

3. a. D Day lift:

Pf 3  
Operations -  
Mission of  
Subordinate  
units by  
Day

(1) 501st Parachute Infantry Regiment with two platoons Company "C", 326th Airborne Engineer Battalion attached, will land on DZ "A" and secure the canal and stream crossings in the VECHTEL (482375) area. (See Annex No. 3)

(2) 506th Parachute Infantry Regiment with one platoon Company "C", 326th Airborne Engineer Battalion and detachment Division Reconnaissance Platoon attached will land on DZ "B". It will secure the three crossings of the WILHELMINA CANAL at ZON (443253) immediately upon landing. It will be prepared to move on EINDHOVEN (430180) within two hours after landing, for the purpose of securing the stream and canal crossings at that point. (See Annex No. 3)

(3) 502nd Parachute Infantry Regiment with Company "C", 326th Airborne Engineer Battalion (less three platoons) attached, will land on DZ "C" and assemble in Division reserve. It will block the ZON (443253) - ST ORDENRODE (412318) road in vicinity of VILLEN BRAKEN (442295) and maintain contact with the 501st and 506th Parachute Infantry Regiments. It will send a detachment to secure the crossings (389244) (390250) of the WILHELMINA CANAL south and southeast of BEST (374266). It will be prepared to take over the bridgehead at ZON (443253) established by 506th Parachute Infantry Regiment and support the latter in its movement on EINDHOVEN (430180)

D-Day  
D+1  
D+2

Report 1944 (month)

23149-  
master

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(4) The glider element of D - Day lift will land on LZ "W" and move to areas as shown in Annex No. 2a (Glider Assembly Plan). The Division Reconnaissance Platoon, less detachment, will be prepared to push reconnaissance toward SCHLIMMEL (406382) - BEST (374266) and LIESHOUT (514270).

b. D / 1 and D / 2 day lifts: Units of these lifts will land on glider landing zone "W" as shown in Annex No. 2. They will assemble as shown on Annex No. 2a and await orders.

x. (1) The bridges in the VECHSEL (481376) and ZON (443253) areas will be seized with maximum speed immediately upon landing by the responsible parachute regiment. The most conveniently placed small group will rush these bridges without waiting for the assembly of large elements.

(2) All bridges and signal communications in the area will be preserved for the use of our own troops.

(3) The Division Artillery Commander is responsible for calls for support from British artillery and combat aviation.

(4) The 502nd Parachute Infantry Regiment is charged with securing LZ "W" for the D - Day glider lift.

(5) Colonel Thomas Sherburne, Division Artillery, is charged with the reception of glider elements upon landing zone "W".

(6) All locks and water ways in the area will be maintained in working order.

(7) All ferries, barges, etc., not actually in use by the Division will be brought to the south bank of streams to make them available for XXX Corps if required.

(8) Roads will be kept free of troops and vehicles of the Division after ground contact is made to permit the rapid transit of XXX Corps.

(9) Employment of glider pilots will be the same as for operation "LINNET".

(10) Mines will be laid only under Engineer supervision and will be carefully recorded. Our own and enemy mine fields will be reported at once to Division.

4. a. Administrative order same as for "LINNET".

b. Gas masks will be carried.

5. a. Signal Annex (Annex No. 4)

b. Tentative Command Posts

Unit	Coordinates
Corps	
82nd Airborne Division	
Division and Division Artillery	(442269)
501st Parachute Infantry Regiment	(477375)
502nd Parachute Infantry Regiment	(470281)
506th Parachute Infantry Regiment	(443257)
327th Glider Infantry Regiment	(435269)

c. Orange or yellow flags, panels, or smokes will be used to identify friendly troops.

For the Commanding General:

*R. D. M. Milener*

R. D. MILLENER,  
Lieutenant Colonel, GSC,  
staff

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FF3  
Cont.

FF5  
Sep Annex  
w/ some  
notes  
here

FF4 -  
Admin +  
Logistics -  
Copied for  
operation  
"Linnet"

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- Annex No. 2a - Glider Assembly Areas
- Annex No. 3 - Operations
- Annex No. 4 - Signal Annex
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# OPORD Operations

## Operation Neptune Paragraph Three OPORD

### Glossary:

- Parachute Echelon - Paratroopers who jumped into France
- Glider Echelon - Troops brought into France via gliders
- Seaborne Echelon - Not all the 101<sup>st</sup> parachuted into France. Many of the support troops came in over the beaches from ships.
- Enemy Battery - German artillery pieces (like the *Band of Brothers* episode concerning the landing and early fight in Normandy).
- Inundated - Flooded areas
- 6 digit #s - 365872 are grid coordinates of a specific place within 100 meters. This system was used before GPS.
- S-3 or G-3 - The Operations Staff Section of an army unit
- 81<sup>st</sup> AB AA - Airborne Anti-Aircraft Battalion of anti-aircraft guns
- AAA - Anti-Aircraft Artillery - anti-aircraft guns
- 65<sup>th</sup> Armd FA Bn SP - 65th Armored Field Artillery Battalion (Self Propelled). These are artillery (cannons) that are mounted on tracked vehicles.
- Leggings impregnated - Leggings are laced up boot gaiters between your boots and pants. The leggings were impregnated with an anti-chemical compound in case the Germans used poison gas against the invasion forces.

# Operation Neptune Paragraft Three OPOD

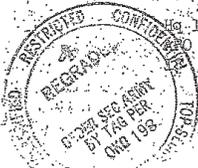
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Init: 2.4.H.  
Date: 18 May 1944



No. 101st AB Division  
472, U. S. Army  
May 1944

FIED ORDER )  
NUMBER 1 )

MAPS: FRANCE 1/50,000, GSGS No. 4250, Sheets LA HAYE DU PUITTS (5E/5),  
PERIERS (5E/2 & 6E/1), VALOGNES (6E/3 & 4), ISIGNY (6E/6).

*Intell  
#1  
- sep.  
Annex*

*Mission  
#2*

*#3  
Operations  
(subordinate)  
unit  
missions*

1. a. Intelligence: See Annex No. 1.  
b. The 4th Div of the VII Corps assaults UTAH BEACH on D-day at H-hour and captures CHERBOURG with minimum delay.
2. The 101st AB Div, reinforced, will land by air and water on the COTENTIN PENINSULA beginning at J-hour on the night of D minus one - D-day, with the principal mission of assisting the landing of the 4th Inf Div and its passage inland from UTAH BEACH. It will subsequently protect the south flank of the VII Corps along the DOUVE RIVER within its sector.
  - a. Attachments:  
Co "D", 70th Tank Bn  
65th Armd FA Bn (upon release by 4th Inf Div)  
Tr "C", 4th Cav Sq  
3807th QM Trk Co  
3808th QM Trk Co  
1st Platoon, "A" Btry 474th AA AW Bn
  - b. J-hour is the time of dropping of the first parachute serial (See Annex No. 2, Air Movement Table).
  - c. J-hour, H-hour, and D-day will be announced to units by officer courier.
  - d. Boundaries: See Annex No. 3.
  - e. For drop and landing zones: see Annexes No. 3b (1) and (2).
3. a. PARACHUTE ECHELON: (See Annex No. 2, Air Movement Table).
  - (1) 502nd Pchnt Inf, with 377th Pchnt FA Bn, attached, landing on Drop Zone "A", will destroy the enemy battery located west of ST. MARTIN-DE-VARREVILLE (405980) and will seize the western edge of the inundated area back of UTAH BEACH between ST. MARTIN-DE-VARREVILLE (4098) and AUDOUVILLE-LA-HUBERT (4096), both inclusive, prior to H-hour. It will protect the north flank of the Division within the Regimental sector. See Annex No. 3. Upon being relieved by 4th Inf Div it will assemble in place prepared for movement to the southwest. See Annex No. 3a.
  - (2) The 506th Pchnt Inf (with 1st and 3rd platoons, Co "C", 326th AB Engr Bn, attached), landing on Drop Zones "C" and "D" will execute the following missions:
    - (a) Seize the western edge of the inundated area back of UTAH BEACH between AUDOUVILLE-LA-HUBERT (4096) exclusive, and POUPPEVILLE (4493), prior to H-hour.
    - (b) Protect the south flank of the 101st AB Div and 4th Inf Div within the Regimental sector. The bridges north of CARENTAN at 365872, 382865, 383862, 419873, and 427876, will be destroyed; the dam at 397868 will be seized and defended.
    - (3) The 501st Pchnt Inf (less 3rd Bn) with Co "C" (less two platoons), 326th AB Engr Bn, attached, landing on Drop Zone "B", will protect the rear (west flank) of the Division within the Regimental sector. It will seize STR. MERE-EGLISE and the crossings of the MERDEMET RIVER at 315957 and 321930. Upon being relieved by the 4th Inf Div it will assemble southeast of CHEF DU PONT and push a strong detachment to the west for the purpose of destroying the crossings of the DOUVE RIVER at 309910 and 269928 and contacting the 82nd AB Div at ST. SAUVEUR-LE-VICOMTE.

- 1 -

Page No. 1 of 4 pages

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# Operation Neptune Paragraph Three OPOD

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PO No. 1 Hq 101st AB Div. APO 472, U S Army 18 May 1944 Cont'd.

(4) The 3rd Bn, 501st Pchnt Inf, landing on Drop Zone "G" will assemble in Division reserve prepared to mark and protect glider landing Zone "EM".

b. GLIDER ECHELON: (See Annex No. 2, Air Movement Table).

(1) The glider troops, following landing, will assemble in vicinity of Landing Zones indicated in Annex No. 3b (2) and await orders. Battery "A", 81st AB AA Bn, will be prepared for attachment to the 506th Pchnt Inf. The Commanding General, Division Artillery, is charged with arrangements for receiving the glider echelon. For duties of glider pilots see Annex No. 7.

c. SEABORNE ECHELON: (See Annex No. 2a, Landing Table).

(1) Seaborne elements, upon landing, will assemble as indicated in Annex No. 2b. All combat elements will be prepared for immediate employment in the CARENTAN area. The Assistant Division Commander is charged with arrangements for receiving and directing the seaborne elements of the Division.

(2) Batteries "D", "E" and "F", 81st AB AA Bn are initially attached to the 11th AAA Group for the antiaircraft defense of UTAH BEACH. These batteries will revert to Division control upon arrival of their transportation on D plus 1.

(3) The 65th Armd FA Bn (SP), initially attached to the 4th Inf Div, will pass to the control of the 101st AB Div on D-day by mutual arrangement with the 4th Inf Div. It will be prepared to furnish general artillery support from beach positions.

x. (1) S-3 reports will be submitted to reach this Headquarters at 2200 daily by Inf Regiments, Div Arty, 81st AB AA Bn, 326th AB Engr Bn, and separate companies.

(2) For interruption of enemy communication installations see Annex No. 5b.

4. See Administrative Order No. 1.

5. a. (1) See Annex No. 6a and 6b Signal.

(2) Signal Operations Instructions (Assault) Index 1 - 1 will become effective at J-Hour.

(3) Signal Operations Instructions (Reference) Index 1 - 1 will be effective at 0001B, D plus 4.

b. CP's:

- VII Corps Afloat----- USS BAYFIELD
- Alternate Hq----- LOI (L) No. 419
- VII Corps Ashore----- LOUIRES (3896) after 1800 D plus 1
- 4th Inf Div----- ST. MARTIN DE VARREVILLE (4098)
- 82nd AB Div----- Vicinity LA FORET (14795)
- 101st AB Div----- HIESVILLE (387922)(tentative)
- 501st Pchnt Inf----- CAQUERIE (349952)(tentative)
- 502nd Pchnt Inf----- REUVILLE (406740)(tentative) 380989
- 506th Pchnt Inf----- ST. MARTIN (387922)(tentative) 396933
- 327th Gli Inf----- STE MARIE-DU-MONT (4192)(tentative)
- Div Serv Area----- SEBEVILLE (3794)(tentative)

c. Radio Silence.

(1) Airborne elements will break Radio Silence upon landing.  
(2) At H minus 40 or after, Radio Silence may be relaxed by Unit Commanders of Seaborne Elements within approximately twelve (12) miles to Seaward of beaches, unless otherwise prohibited.

d. Axis of Signal Communication:

VII Corps: LOUIRES - STE-MERE-EGLISE - MONTEBOURG - VALOGNES.

4th Inf Div: ST. MARTIN DE VARREVILLE - BANDIENVILLE - MONTEBOURG - VALOGNES.

e. FMC Group APP will be sent immediately upon capture of strongpoint and battery at ST. MARTIN DE VARREVILLE.

PT 3 cont.

PT 4  
Admin. +  
Logistics  
(See Annex)

PT 5  
Communication  
+  
Command  
(also has sep  
annex)

-2-

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OFFICIAL:

*M. Miller*  
MILLENER  
G-3

ANNEXES:

- Annex No. 1 - Intelligence
- Annex No. 2 - Air Movement Table
- Annex No. 2a - Landing Table (Seaborne)
- Annex No. 2b - Beach Control - Seaborne Echelon
- Annex No. 3 - Operations
- Annex No. 3a - Operations
- Annex No. 3b - Landing and Drop Zones
- Annex No. 4 - Plan of Coordination - Artillery, Air, Naval Gunfire
- Annex No. 5 - Engineer
- Annex No. 6 - Signal
- Annex No. 7 - Employment of Glider Pilots

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Co "C", 326th AB Engr Bn	1	Copy No. 105
81st AB AA En	1	Copy No. 106
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426th AB Qm Co	1	Copy No. 110
326th AB Med Co	1	Copy No. 111
801st AB Ord Maint Co	1	Copy No. 112
3807th QM Trk Co	1	Copy No. 113
3808th QM Trk Co	1	Copy No. 114
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Trp "C", 4th Rcn Sq	1	Copy No. 116
65th Armd FA Bn (SP)	1	Copy No. 117
Pathfinders	1	Copy No. 118
603rd QM Gr Co	1	Copy No. 119

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APC 12, U. S. Army  
18 May 1944

ANNEX NO. 7

To FIELD ORDER NO. 1

EMPLOYMENT OF GLIDER PILOTS DURING OPERATION

*Change to #3*

1. Briefing:  
Prior to takeoff, glider crews will be briefed by the senior airborne officer or noncommissioned officer in each glider as to the assembly area in the vicinity of the landing zone for the personnel of their glider.
2. Attachment:  
Effective upon landing in the combat zone glider crews are to be attached to this Division, and will remain attached until they can be safely evacuated over the beaches.
3. Duties Following Landing:
  - a. Glider crew members will assist airborne personnel in unloading the gliders and will then proceed to the designated assembly area with the airborne personnel flown in their glider. Following arrival at unit assembly areas, glider crews will assemble under senior glider pilot present, and await orders from the Division representative on the field. Assignment will normally be to Division or regimental CP's for duties of close defense, escort and PW guard.
  - b. Glider crews after being reported to the designated CP's will be reorganized under the senior glider pilot present, and disposed as directed by the Headquarters Commandant concerned.
4. Administrative Details:
  - a. Uniform: Herringbone twill, impregnated, over woolen OD leggings impregnated, steel helmets.
  - b. Equipment: Light packs, gas mask, web equipment and arms.
  - c. Rations: One "K" ration, one "D" ration on person. Three "K" rations in glider.
  - d. Evacuation: Glider crews will be relieved upon Division orders and evacuated when the situation permits their safe movement to the beaches. Subordinate units to which pilots are attached will assure that the crews can be readily assembled. Routes to the beach will be prescribed at time of relief.
5.
  - a. CP's: See Annex No. 3.
  - b. SCR 536's will be used for control of glider personnel.

*leggings impregnated*

TAYLOR

OFFICIAL: *Millener*  
MILLNER  
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Init: *R.A.M.*  
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HEADQUARTERS 101ST AIRBORNE DIVISION  
Office of the Division Commander

APO 472, U. S. Army  
27 May 1944

AMENDMENT NO. 1 )  
TO FIELD ORDER 1 )

1. Field Order No. 1, this Headquarters, dated 18 May 1944, is amended as follows:

a. Paragraph No. 1b: Add: Subparagraph (2). The 82nd Airborne Division landing in the area STE HELE ECLISE, - PONT L'ABBE (280934)-GOURBESVILLE (282982), will destroy the crossings of the DOUVE RIVER at BEUZEVILLE-LA-BASTILLE (309910) and at PONT L'ABBE (269928). It will then push westward and seize road center of ST. SAUVEUR LE VICOMTE.

b. Paragraph 3a (1). Change second sentence to read: "It will protect the north flank of Division within the regimental sector in close coordination with the 82nd Airborne Division."

Paragraph 3a (2). Change to read: The 506th Parachute Infantry with 1st Plat., Co "C" 326th AB Engr Bn attached; landing on Drop Zones "C" and "D" will execute the following missions.

(a) No change.

(b) Change to read: Defend the line of the DOUVE RIVER and estuary within the regimental sector. Secure the bridges at 419873 and 427876 and establish bridgehead south of the DOUVE RIVER for subsequent use of the Division. These bridges will be prepared for demolition. See Annex No. 3.

(3) Change to read: The 501st Parachute Infantry (less 3d Bn) with Co "C" 326th AB Engr Bn (less 1st Plat) attached, landing on Drop Zone "D" will defend the line of the DOUVE and MERDERET RIVERS within the regimental sector. The bridges north of CARENVEAN at 365872, 382865 and 383862 will be destroyed; the locks at 397868 will be seized and defended.

(4) Change to read: The 3rd Bn, 501st Parachute Infantry landing on Drop Zone "C" will assemble in Division Reserve prepared to protect glider landing zone "E".

c. Change paragraph 5b to read:

82nd Airborne Division --- To be announced.

501st Parachute Infantry --- Annex No. 3. (Amend.1)

d. Change Annex No. 2 as follows: Drop zones for Serials 8 and 9 from "B" to "D".

e. Annex No. 3 is rescinded and will be replaced by Amendment No. 1 to Annex No. 3, attached.

f. Amendment to Annex No. 1 attached.

g. Amendment to Annex No. 5 attached.

TAYLOR

OFFICIAL:

*Miller*  
MILLER  
G-3

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HEADQUARTERS 101ST AIRBORNE DIVISION  
Office of the Division Commander

APO 472, U. S. Army  
27 May 1944

AMENDMENT NO. 1 TO ANNEX NO. 5 )  
TO FIELD ORDER NO. 1, 18 MAY 44 )

1. Amend Paragraph 2a (1). Delete "ST. SAUVEUR LE VICOMTE exclusive". Substitute "CARQUEBUT inclusive".
2. Delete Paragraph 2a (2).
3. Amend Paragraph 2b (1). Delete "and 3rd".
4. Amend Paragraph 2b (3). Delete "and 3rd".
5. Amend Paragraph 3a as follows:
  - a. Delete (1), (3), (4), and (8).
  - b. Amend (2) to read "Prepare to destroy" instead of "Destroy". Add: "Decision to blow these bridges is delegated to Commanding Officer, 506th Parachute Infantry."
  - c. Amend (5) by deleting "and 408871 (Serial D)" and adding "and 443872 (Serial E)."
6. Amend Paragraph 3b as follows:
  - a. Delete (1), (2), (3), and (4).
  - b. Add: (1). Destroy the crossing of the River DOUVE at 383863; priority Serials 32, 33, 34 in that order.
  - c. Add: (2). Destroy railroad bridges at 365872 (Serial 30) and 379853 (Serial 119) in the order of priority given.
  - d. Add: (3). Operate and control the locks at LA BARQUETTE after seizure (Serial 35), and mine the approaches to the dam from the south between the River GROULT and the River DOUVE. A high proportion of AP mines should be used.
  - e. Add: (4). Prepare to destroy communications at CARENTAN.
  - f. Add: (5). Disrupt enemy underground wire communications system in the vicinity of 408871 (Serial D).
7. For new regimental boundaries, See Annex No. 3, Operation overlay.

TAYLOR

OFFICIAL:

*Millener*  
MILLENER  
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Hq 101st A/B Div.  
20 May 1944

Annex No. 2b to  
F. O. No. 1.

Reg. No. 1 - 19 - 5



### BEACH CONTROL - SEABORNE ECHELON

Add to  
change

1. Force "U" - Immediately upon landing all elements of Force "U" will move to 101st A/B Division Beach Assembly Areas. (O and R).
  - a. The Senior 101st A/B Division Officer with each ship load will dispatch a Liaison Officer to 101st Division Beach Control Post to report to the Division Beach Control Officer at Beach Control Post.
    - (1) Report Unit, Strength (Officers, E.M. and Vehicles) and Radio Call Signs.
    - (2) Receive situation, orders, and guides to conduct unit to Beach Assembly Area.
  - b. Intermediates Check Point. Each ship load will check for further instructions at this point. (See Overlay).
  - c. Troops of each ship load of 1st Bn. 401st Glider Infantry will be prepared to furnish 2 four man patrols to the Officer in Charge at Beach Assembly Area for the purpose of checking routes to the Division Inland Assembly Area.
  - d. Units will leave Beach Assembly Area only on orders from 101st A/B Division Beach Control Officer.
  - e. Vehicles will be assembled in Beach Assembly Area "R".
  - f. Foot elements will be assembled in Beach Assembly Area "O".
2. Bristol Channel Build-Up and S.B.S. Shuttle - Immediately upon landing all elements will move to 101st A/B Division Service Area. See 1 a, 1 a(1) and 1 a(2) above.
  - a. Route of Movement to Service Area will be given to Liaison Officer at Division Beach Control Post.
3. Guides - All 101st A/B Division Beach Control Personnel can be identified by an Orange Arm Band marked with White Kangaroo.
4. Direction Signs for 101st A/B Division will be Orange marked with a White Kangaroo and directional arrow.
5. Radio Frequencies and Call Signs - See 101st A/B Division SOL.
6. Preparation of Inland Assembly Area - Elements of the Beach Control Group landing by glider will have the mission of preparing the Inland Assembly Area prior to the arrival of the waterborne elements.
  - a. Preparation will consist of:
    - (1) Mine removal;
    - (2) Posting of guides to receive units from the Beach Assembly Area.
    - (3) Providing protection for the Inland Assembly Area.
    - (4) Providing guides for any incoming unit receiving an immediate combat mission on its arrival at the Inland Assembly Area.
    - (5) Providing Combat Patrols to reconnoiter routes to the Beach Assembly Area.
  - b. The Commanding Officer, 1st Bn 401st Glider Infantry will be prepared to perform the functions indicated in 6. a (1), (2), (3), (4), and (5) above should glider elements be unable to do so.
7. Collects - Clearing Stations to be operated on the beach by the 261st Medical Battalion, 1st Special Engineer Brigade will be available to 101st A/B Division personnel.
8. Preparation of Service Area - Elements of Beach Control Group will have the mission of preparing the Service Area prior to the arrival of waterborne elements moving to that area.

TAYLOR

OFFICIAL: *Milleaner*  
MILLENER

G-3.

Encl. No. 1 to Annex 2b to F.O. No. 1.

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# OPORD Operations

## Operation Market Garden Paragraph Three OPORD

### Glossary:

- 6 digit #s - 482375 are grid coordinates of a specific place within 100 meters. This system was used before GPS.
- Mines - land mines
- LINNET - is an operation that was cancelled in August when Allied forces moved so quickly across France that the Linnet was overcome by events.
- S-3 or G-3 is the Operations Staff Section of an army unit.

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HEADQUARTERS, 101ST AIRBORNE DIVISION  
Office of the Division Commander

CLASSIFICATION CHANGED TO: APO 472, S. Army  
14 September 1944  
**CANCELLED**  
BY AUTHORITY OF THE ADJUTANT GENERAL  
*40 McPartland Hq*  
DOWNGRADING COMMITTEE *8 May 46*

*Pf 1  
Sep. Annex*

FIELD ORDER)  
NUMBER 1)

1. a. Intelligence; see Annex No. 4

b. (1) First Airborne Division (British) will seize and control bridges across NEEDER RIJN at ARNHEM.

(2) 82nd Airborne Division will seize and control bridges across MAAS and De WAAL Rivers near NIJMEGEN.

*Pf 2  
Mission*

2. a. 101st Airborne Division will land by parachute and glider in daylight, on D, D + 1 and D + 2 Days, in the ZON (444254) - VECHTEL (482375) area with the mission of seizing and holding the principal stream and canal crossings at EINDHOVEN (430180), ZON (444254) and VECHTEL (482375) in order to assist the advance of the British 2nd Army northward along the EINDHOVEN - GRAVE (620530) highway. (See Annex No. 3).

b. Composition of Airborne Lifts:

D Day	432 Parachute A/G 70 CG4A Gliders	<i>misses down</i>
D + 1 Day	450 CG4A Gliders	
D + 2 Day	382 CG4A Gliders	

*3101-39*

c. For Drop Zones and Landing Zone, see Annex No. 2. For air movement plan, see Annex No. 5.

3. a. D Day lift:

*Pf 3  
Operations -  
Mission of  
Subordinate  
units by  
Day*

(1) 501st Parachute Infantry Regiment with two platoons Company "C", 326th Airborne Engineer Battalion attached, will land on DZ "A" and secure the canal and stream crossings in the VECHTEL (482375) area. (See Annex No. 3)

(2) 506th Parachute Infantry Regiment with one platoon Company "C", 326th Airborne Engineer Battalion and detachment Division Reconnaissance Platoon attached will land on DZ "B". It will secure the three crossings of the WILHELMINA CANAL at ZON (443253) immediately upon landing. It will be prepared to move on EINDHOVEN (430180) within two hours after landing, for the purpose of securing the stream and canal crossings at that point. (See Annex No. 3)

(3) 502nd Parachute Infantry Regiment with Company "C", 326th Airborne Engineer Battalion (less three platoons) attached, will land on DZ "C" and assemble in Division reserve. It will block the ZON (443253) - ST OEDENRODE (412318) road in vicinity of VILLEN BRAKEN (442295) and maintain contact with the 501st and 506th Parachute Infantry Regiments. It will send a detachment to secure the crossings (380244) (390250) of the WILHELMINA CANAL south and southeast of BEST (374266). It will be prepared to take over the bridgehead at ZON (443253) established by 506th Parachute Infantry Regiment and support the latter in its movement on EINDHOVEN (430180)

*D-Day  
D+1  
D+2*

*Report 1944 (March)*

*23149-  
master*

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# Operation Market Garden Paragraph Three OPOD

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**TOP SECRET - BIGOT**  
**MARKET**

FO #1, Hq 101 AB Div, dated 14 September 1944, cont'd

(4) The glider element of D - Day lift will land on LZ "W" and move to areas as shown in Annex No. 2a (Glider Assembly Plan). The Division Reconnaissance Platoon, less detachment, will be prepared to push reconnaissance toward SCHLIMMEL (406382) - BEST (374266) and LIESHOUT (514270).

b. D / 1 and D / 2 day lifts: Units of these lifts will land on glider landing zone "W" as shown in Annex No. 2. They will assemble as shown on Annex No. 2a and await orders.

x. (1) The bridges in the VEGHEL (481376) and ZON (443253) areas will be seized with maximum speed immediately upon landing by the responsible parachute regiment. The most conveniently placed small group will rush these bridges without waiting for the assembly of large elements.

(2) All bridges and signal communications in the area will be preserved for the use of our own troops.

(3) The Division Artillery Commander is responsible for calls for support from British artillery and combat aviation.

(4) The 502nd Parachute Infantry Regiment is charged with securing LZ "W" for the D - Day glider lift.

(5) Colonel Thomas Sherburne, Division Artillery, is charged with the reception of glider elements upon landing zone "W".

(6) All locks and water ways in the area will be maintained in working order.

(7) All ferries, barges, etc., not actually in use by the Division will be brought to the south bank of streams to make them available for XXX Corps if required.

(8) Roads will be kept free of troops and vehicles of the Division after ground contact is made to permit the rapid transit of XXX Corps.

(9) Employment of glider pilots will be the same as for operation "LINNET".

(10) Mines will be laid only under Engineer supervision and will be carefully recorded. Our own and enemy mine fields will be reported at once to Division.

4. a. Administrative order same as for "LINNET".

b. Gas masks will be carried.

5. a. Signal Annex (Annex No. 4)

b. Tentative Command Posts

Unit:	Coordinates
Corps	
82nd Airborne Division	
Division and Division Artillery	(442269)
501st Parachute Infantry Regiment	(477375)
502nd Parachute Infantry Regiment	(443281)
506th Parachute Infantry Regiment	(443257)
327th Glider Infantry Regiment	(435269)

c. Orange or yellow flags, panels, or smokes will be used to identify friendly troops.

For the Commanding General:

*R. D. M. Millemer*

R. D. MILLEMER,  
Lieutenant Colonel, GSC,  
Staff

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FF3  
Cont.

FF5  
Sep Annex  
w/ some  
notes  
here

FF4 -  
Admin +  
Logistics -  
Copied for  
Operation  
"Linnet"

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FO #1, Hq 101 AB Div, dated 14 September 1944, contains

## 5 Annexes:

- Annex No. 1 - Intelligence
- Annex No. 2 - Drop Zones and Landing Zone
- Annex No. 2a - Glider Assembly Areas
- Annex No. 3 - Operations
- Annex No. 4 - Signal Annex
- Annex No. 5 - Air Movement Table

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# OPORD Administration and Logistics

## Operation Neptune Paragraph Four OPORD

### Glossary:

- Class I - Food and water
- K rations - Condensed field ration, like power bars
- D rations - Also a meal for the field, but a little more substantial - like Meals Ready to Eat (MREs) in today's military forces
- Class II - General supplies, batteries, housekeeping material, tents, etc.
- Class III - Fuel
- Class V - Ammunition
- Halazone Tablets - Water purification tablets (yuck!)
- Provost Marshal - Military police
- Blackout lights - Very dim markers used on military vehicles at night to avoid enemy detection.
- Serial (i.e. glider serial etc.) - A group of vehicles and/or aircraft organized to transport troops and/or cargo. Serial One is the first group of several groups that are transporting troops/equipment to their new destination.
-

# Operation Neptune Paragaph Four OPOD

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BIGOT - NEPTUNE

SECRET  
Auth: CG 101 AB Div  
Init: M.A.H.  
Date: 18 May 1944



101st AB Division  
172, U. S. Army  
May 1944

FIELD ORDER )  
NUMBER 1 )

MAPS: FRANCE 1/50,000, GSGS No. 4250. Sheets LA HAYE DU PUITIS (5E/5),  
PERIBES (5E/2 & 6F/1), VALOGNES (6E/3 & 4), ISIGNY (6E/6).

1. a. Intelligence: See Annex No. 1.  
b. The 4th Div of the VII Corps assaults UTAH BEACH on D-day at H-hour and captures CHERBOURG with minimum delay.

2. The 101st AB Div, reinforced, will land by air and water on the COTENTIN PENINSULA beginning at J-hour on the night of D minus one - D-day, with the principal mission of assisting the landing of the 4th Inf Div and its passage inland from UTAH BEACH. It will subsequently protect the south flank of the VII Corps along the DOUVE RIVER within its sector.

- a. Attachments:
  - Co "D", 70th Tank Bn
  - 65th Armd FA Bn (upon release by 4th Inf Div)
  - Tr "C", 4th Cav Sq
  - 3807th QM Trk Co
  - 3808th QM Trk Co

b. J-hour is the time of dropping of the first parachute serial (See Annex No. 2, Air Movement Table).

c. J-hour, H-hour, and D-day will be announced to units by officer courier.

d. Boundaries: See Annex No. 3.

e. For drop and landing zones: see Annexes No. 3b (1) and (2).

3. a. PARACHUTE ECHELON: (See Annex No. 2, Air Movement Table).

(1) 502nd Pchnt Inf, with 377th Pchnt FA Bn, attached, landing on Drop Zone "A", will destroy the enemy battery located west of ST. MARTIN-DE-VARREVILLE (405980) and will seize the western edge of the inundated area back of UTAH BEACH between ST. MARTIN-DE-VARREVILLE (4098) and AUDOUVILLE-LA-HUBERT (4096), both inclusive, prior to H-hour. It will protect the north flank of the Division within the Regimental sector. See Annex No. 3. Upon being relieved by 4th Inf Div it will assemble in place prepared for movement to the southwest. See Annex No. 3a.

(2) The 506th Pchnt Inf, (with 1st and 3rd platoons, Co "C", 326th AB Engr Bn, attached), landing on Drop Zones "C" and "D" will execute the following missions:

(a) Seize the western edge of the inundated area back of UTAH BEACH between AUDOUVILLE-LA-HUBERT (4096) exclusive, and POUPEVILLE (4493), prior to H-hour.

(b) Protect the south flank of the 101st AB Div and 4th Inf Div within the Regimental sector. The bridges north of CARENTAN at 365872, 382865, 383862, 419873, and 427876, will be destroyed; the dam at 397868 will be seized and defended.

(3) The 501st Pchnt Inf, (less 3rd Bn) with Co "C" (less two platoons); 326th AB Engr Bn, attached, landing on Drop Zone "B", will protect the rear (west flank) of the Division within the Regimental sector. It will seize STR. MERE-EGLISE and the crossings of the MERDET RIVER at 315957 and 321930. Upon being relieved by the 4th Inf Div it will assemble southeast of CHER DU PONT and push a strong detachment to the west for the purpose of destroying the crossings of the DOUVE RIVER at 309910 and 269928 and contacting the 82nd AB Div at ST. SAUVEUR-LE-VICOMTE.

Intell  
# 1  
- sep.  
Annex

Mission  
# 2

# 3  
Operations  
(subordinate)  
unit  
missions

- 1 -

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PO No. 1 Hq 101st AB Div. APO 472, U.S. Army 18 May 1944 Cont'd

(4) The 3rd Bn, 501st Pchnt Inf, landing on Drop Zone "G" will assemble in Division reserve prepared to mark and protect glider landing Zone "E".

b. GLIDER ECHELON: (See Annex No. 2, Air Movement Table).

(1) The glider troops, following landing, will assemble in vicinity of Landing Zones indicated in Annex No. 3b (2) and await orders. Battery "A", 81st AB AA Bn, will be prepared for attachment to the 506th Pchnt Inf. The Commanding General, Division Artillery, is charged with arrangements for receiving the glider echelon. For duties of glider pilots see Annex No. 7.

c. SEABORNE ECHELON: (See Annex No. 2a, Landing Table).

(1) Seaborne elements, upon landing, will assemble as indicated in Annex No. 2b. All combat elements will be prepared for immediate employment in the CARENTAN area. The Assistant Division Commander is charged with arrangements for receiving and directing the seaborne elements of the Division.

(2) Batteries "D", "E" and "F", 81st AB AA Bn are initially attached to the 11th AAA Group for the antiaircraft defense of UTAH BEACH. These batteries will revert to Division control upon arrival of their transportation on D plus 1.

(3) The 65th Armd FA Bn (SP), initially attached to the 4th Inf Div, will pass to the control of the 101st AB Div on D-day by mutual arrangement with the 4th Inf Div. It will be prepared to furnish general artillery support from beach positions.

x. (1) S-3 reports will be submitted to reach this Headquarters at 2200 daily by Inf Regiments, Div Arty, 81st AB AA Bn, 326th AB Engr Bn, and separate companies.

(2) For interruption of enemy communication installations see Annex No. 5b.

4. See Administrative Order No. 1.

5. a. (1) See Annex No. 6a and 6b Signal.

(2) Signal Operations Instructions (Assault) Index 1 - 1 will become effective at J-Hour.

(3) Signal Operations Instructions (Reference) Index 1 - 1 will be effective at 0001B, D plus 4.

b. CP's:

VII Corps Afloat - USS BAYFIELD

Alternate Hq - LOI (L) No. 419

VII Corps Ashore - LOUVRES (3896) after 1800 D plus 1

4th Inf Div - ST. MARTIN DE VAREVILLE (4098)

82nd AB Div - Vicinity LA FORET (14795)

101st AB Div - HIESVILLE (38792) (tentative)

501st Pchnt Inf - CAQUERIE (349952) (tentative)

502nd Pchnt Inf - REUVILLE (406740) (tentative) 36069

506th Pchnt Inf - ST. MARTIN (38797) (tentative) 39693

327th Cli Inf - STE MARIE-DU-MONT (4192) (tentative)

Div Serv Area - SEBEVILLE (3794) (tentative)

c. Radio Silence.

(1) Airborne elements will break Radio Silence upon landing.

(2) At H minus 40 or after, Radio Silence may be relaxed by Unit Commanders of Seaborne Elements within approximately twelve (12) miles to Seaward of beaches, unless otherwise prohibited.

d. Axis of Signal Communication:

VII Corps: LOUTRES - STE-MEUS-EGLEISE - MONTEBOURG - VALOGNES.

4th Inf Div: ST. MARTIN DE VAREVILLE - BANDIENVILLE - MONTEBOURG - VALOGNES.

e. PMG Group APP will be sent immediately upon capture of strongpoint and battery at ST. MARTIN DE VAREVILLE.

P 3 cont.

P 4  
Admin. +  
Logistics  
(Sep Annex)

P 5  
Communications  
+  
Command  
(also has sep  
annex)

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FO No. 1 Hq 101st AB Div APO 472, U.S. Army 18 May 1944 Cont'd

TAYLOR

OFFICIAL:

*M. Miller*  
MILLEMER  
G-3

ANNEXES:

- Annex No. 1 - Intelligence
- Annex No. 2 - Air Movement Table
- Annex No. 2a - Landing Table (Seaborne)
- Annex No. 2b - Beach Control - Seaborne Echelon
- Annex No. 3 - Operations
- Annex No. 3a - Operations
- Annex No. 3b - Landing and Drop Zones
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Co "C", 326th AB Engr Bn	1	Copy No. 105
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326th AB Med Co	1	Copy No. 111
801st QB Ord Maint Co	1	Copy No. 112
3807th QM Trk Co	1	Copy No. 113
3808th QM Trk Co	1	Copy No. 114
Co "D", 70th Tank Bn	1	Copy No. 115
Trp "C", 4th Ren Sq	1	Copy No. 116
65th Armd FA Bn (SF)	1	Copy No. 117
Pathfinders	1	Copy No. 118
603rd QM Gr Co	1	Copy No. 119

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S E C R E T

Auth: CG 101 AB Div.

Initials:

Date: 18 May 44

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Page No. 1

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Hq. 101st AB Div.  
APO 472, U. S. Army,  
18 May 1944.

Administrative Order No. 1 (NEPTUNE)

MAPS: France, CGSG 4250

Scale: 1/50,000

Sheets: LAHAYE, DuPhits, Perlers, Valogne, Isigny

1. SUPPLY

a. Prior to Embarkation.

(1) All organizations will be supplied and equipped prior to embarkation in accordance with "G-4 Administrative Instructions Preliminary to Mounting", which has been issued to each organization.

b. Class I.

(1) One (1) type "K" and one (1) type "D" ration will be carried by each individual.

(2) All organizations, airborne, will carry one (1) type "K" ration for personnel in planes and gliders.

(3) All organizations, seaborne, will carry three (3) type "K" rations for personnel transported by sea.

(4) <sup>3807th</sup> Quartermaster Truck Company (attached) will carry two (2) type "K" rations for all personnel transported by air.

(5) Division Quartermaster will establish Class I dump within Division Service Area from which units will draw rations.

(6) Daily strength returns will be submitted by organizations informally, which will be basis for following days issue of rations.

c. Class II.

(1) The 3807th Quartermaster Truck Company will transport the following loads.

(a) One (1) truck Medical Supplies.

(b) Two (2) trucks Signal Supplies.

d. Class III.

(1) All gasoline tanks will be filled, and vehicles properly lubricated prior to departure from marshalling area.

(2) Division Quartermaster will establish Class III dump within Division Service Area.

(3) Organizations will deliver empty cans to Division dump.

e. Class V.

(1) Each organization will carry its full basic load of ammunition.

(2) Additional ammunition will be loaded in planes by units concerned as follows:

(a) Three (3) planes, 3rd Battalion 506th Parachute Infantry.

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C-R-E-T B-I-G-O-T

(b) Eight (8) planes, 377th Parachute Field Artillery Battalion.

(c) Four (4) planes, 501st Parachute Infantry Regiment.

(3) The 3807th Quartermaster Truck Company will carry ninety-five (95) tons of ammunition as prescribed by the Division Ammunition Officer.

(4) Extra aerial delivery container racks will be used by unit Commanders to carry extra ammunition. Maximum number of racks will be utilized.

(5) Division Ammunition Officer will establish Class V dump within Division Service Area from which units will draw ammunition.

(6) Ammunition expenditure reports will be submitted daily as of 0600 hours and will be delivered by 0900 hours to Division Ammunition Officer in Division Service Area.

f. Water.

(1) Canteens will be filled prior to departure from Marshaling areas.

(2) All individuals will carry one (1) bottle of Halazone tablets containing one hundred (100) tablets each. Water is to be considered non-potable until treated.

(3) All  $\frac{1}{4}$ -ton trucks, airborne, will carry ten (10) empty vinyl water containers, and one (1) full 5-gallon can.

(4) All  $\frac{1}{4}$ -ton trucks, seaborne, will carry four (4) full 5-gallon cans or ten (10) empty vinyl water containers.

g. Resupply by Air.

(1) One (1) day of Class I, III, V, Medical and certain Class II Signal Supplies have been prestocked at resupply departure airfields. Supplies are available on call of the Division.

2. EVACUATION.

a. Casualties.

(1) Initially, the 326th Airborne Medical Company will set up Collecting Posts at drop zones.

(2) On landing of glider echelon, detachments 326th Airborne Medical Company will augment the Parachute Sections.

(3) 326th Airborne Medical Company (less detachments) on arrival on D day by sea will set up Clearing Station in Division Service Area.

b. BURIAL.

(1) See Operational Memorandum number 7 this Headquarters, dated 20 April 1944.

(2) Detachment 603rd Quartermaster Graves Registration Company at Division Cemetery for identification and registration.

(3) Location 101st Airborne Division Cemetery 365937.

(4) The First Engineer Special Brigade will establish temporary cemeteries within their area for the burial of casualties in the beach area. The First Engineer Special Brigade will be responsible for burials in the beach maintenance area.

T-O-P S-E-C-R-E-T B-I-G-O-T

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R-E-T B-I-G-O-T

c. Salvage.

- (1) All salvage will be evacuated to Division Service Area.

d. Captured Materiel.

- (1) When possible captured materiel will be evacuated to Division Service Area. All unevacuated materiel will be reported promptly to Division G-4.

- (2) No enemy stocks of gasoline will be used until tested and approved by Division Quartermaster.

e. Prisoners of War.

- (1) Location of 101st Airborne Division Prisoner of War Collecting Point 380923, opens J ~~Y~~ 24 hours.

- (2) The First Engineer Special Brigade will establish a Prisoner of War Inclosure at 393991.

**Enclosure**

- (3) See Operational Memorandum number 12, this Headquarters dated 24 April 1944 for responsibility of evacuation.

3. TRAFFIC.

- a. See Operational Memorandum number 16, this Headquarters, dated 8 May 1944.

- b. All vehicles will drive on RIGHT side of road.

- c. Main Supply Route - See annex No. 1.

d. Control.

- (1) Necessary control to be effected by Division Provost Marshal.

e. Priorities.

- (1) Tactical movement of troops by motor.

- (2) Ambulances.

- (3) Wire patrols and construction crews.

- (4) Staff cars and messenger vehicles.

- (5) Supply convoys.

- (a) Class V.

- (b) Class III.

- (c) Class I.

- (d) Other supply traffic.

f. Restrictions.

- (1) Blackout lights ONLY will be used during darkness.

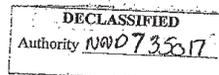
- (2) Local traffic regulations will be complied with.

4. PERSONNEL.

- a. Stragglers - unit responsibility.

- b. All surplus baggage will be stored at unit base camps prior to.

T-O-P S-E-C-T-E-T B-I-G-O-T



# Operation Neptune Paragraph Four OPOD

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departure. Surplus baggage left at Marshalling Areas will be handled by the Division Rear Echelon.

c. Mail service will be suspended from final briefing until D + 3. After D + 3 mail service will be continued as prescribed in Operational Memorandum number 2, this Headquarters, dated 4 April 1944.

d. Shelter - see G-1 Administrative Instructions, this Headquarters, dated 17 May 1944.

e. Strength reports.

(1) G-1 (S-1) Periodic Report will be submitted as prescribed in G-1 Administrative Instructions this Headquarters, dated 17 May 1944.

(2) Combat Effective Strength Report will be submitted daily, beginning D + 1, as of 2400 hours the previous day; to reach the Command Echelon of the Division Command Post by 0900 hours.

f. Replacements - see G-1 Administrative Instructions, this headquarters, dated 17 May 1944.

## 5. MISCELLANEOUS.

a. Rear echelon -- Greenham Lodge.

b. Bomb disposal by Ordnance units. Locations will be reported by units.

c. Major items of equipment **lost** in combat will be reported to Division Ordnance Officer.

d. Civil Affairs - See G-1 Administrative Instructions this Headquarters, dated 17 May 1944.

OFFICIAL:

*Kohls*  
KOHLS

G-4

TAYLOR

1 Inclosure:

Annex No. 1, Circulation and Administrative Installations Overlay

T-O-P S -E-C-R-E-T B-I-G-O-T

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# Operation Neptune Paragraph Four OPORD

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ANNEX No. 1 (Cont'd)  
to FIELD ORDER No. 1 (Cont'd)

TOP - SEC33P  
BUDGET - NEPTUNE  
LANDING LANDING FORCE #1 - 1ST TIDE (Cont'd)  
HQ 101st AB Div APO 472 U S Army 18 May 1944 (Cont'd)

UNIT	LIST INDEX NO.	GRADE TYPE	CRAFT NO.	PRESENT LOCATION OF UNIT	MASH/HAIRING AREA	DEBARCATION AREA	PERSONNEL MARCH	VEH. TOYS	NO. OF VEH.	TYPES OF VEHICLES	LANDING BEACH	CRAFT BE TO LA
326th AB Med Co (Cont'd)	262	101L	3	Standing Honor	Hemerton	Plymouth	20				Uncle Red	H-250
	261	101L	4	Standing Honor	Hemerton	Plymouth	50				Uncle Red	H-250
	263	101L	8	Standing Honor	Hemerton	Plymouth	10				Uncle Red	H-250
501st Frcht Inf	364	1ST	230	Haustead Park	Hemerton	Dartmouth		9	8	8-2T tks 4x4	Uncle Red	1st Tide
502nd Frcht Inf	364	1ST	230	Chilton Pollab	Hemerton	Dartmouth		9	8	8-2T tks 4x4	Uncle Red	1st Tide
506th Frcht Inf	363	1ST	48	Ittlecote	Hemerton	Dartmouth		15	8	8-2T tks 4x4	Uncle Red	1st Tide
HQ 101st AB Div	363	1ST	48	Greenham Lodge	Crown Hill	Dartmouth		22	16	6-2T tks 4x4, 6-2T tks, 4 M/C	Uncle Red	1st Tide
	262	101L	3	Greenham Lodge	Crown Hill	Plymouth	28				Uncle Red	H-250
101st AB Sig Co	363	1ST	48	Dornington Castle	Hemerton	Dartmouth		17	10	2-2T tks 4x4, 3-2T tks, 5 M/C	Uncle Red	1st Tide
377th Frcht TA Bn	363	1ST	48	Benham Park	Hemerton	Dartmouth		27	18	9-2T tks 4x4, 9-2T tks	Uncle Red	1st Tide
LANDING LANDING FORCE #1 - 2ND TIDE												
327th Glider Inf	369	1ST	491	Haricot Camp	Camps W, X, & Z	Brickham	99	33	17	9-2T tks 4x4, 8-3Tmm Guns	Uncle Red	2nd Tide
Hq & Hq Co	367	1ST	50	Paricot Camp	Camps W, X, & Z	Brickham	32	20	6	6-2T tks 4x4	Uncle Red	2nd Tide

Page No. 2 of 5 pages

TOP - SECRET  
BUDGET - NEPTUNE

-- 2 --

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# Operation Neptune Paragraft Four OPORD

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ANNEX NO. 2 to ) (Cont'd)  
Field Order No. 1

TOP - SECRET  
EJECT - NEPTUNE  
GLIDER SERIAL

HQ 101st AB Div  
APO 472, U. S. Army  
18 May 1944

Serial	Airborne Unit (Including designation of serial CO) Asterisk (*) indicates serial commander	US TOC Unit	No. of AC	No. of (Chalk) Gliders	Take-off Airfield	Drop Zone	A/C available for load -ing	Equipment Loading Completed By	A/C Ready For Drop -ing	Expanding Completed	Time Take-off	Remarks	Time of Drop
1	Div Hq <sup>+</sup>	434th TC Gp	58	3 CGMA 1-3 7 Horsa 5-11	Aldermaston	Wp <sup>u</sup>							To be announced
	Div Sig Co			1 CGMA 4 6 Horsa 12-17		Wp <sup>u</sup>							
	Berles "A" & "B" 81st AB "A" Bn			25 Horsa 18-42		Wp <sup>u</sup>							
	Det 326th AB Med Co			4 Horsa 43-45		Wp <sup>u</sup>							
	Vehicles 502nd Pchnt Int			3 Horsa 46-48		Wp <sup>u</sup>							
	Vehicles 506th Pchnt Int			3 Horsa 49-51		Wp <sup>u</sup>							
	Vehicles 377th Pchnt FA Bn			3 Horsa 52-54		Wp <sup>u</sup>							
	Vehicles 501st Pchnt Int			3 Horsa 55-57		Wp <sup>u</sup>							

OFFICIAL:  
Page 3 of 3 pages

*M. L. Lerner*  
ATTENTION  
G-3

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NOTE: CGMA Gliders to head column  
TAVICH

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BIGOT - NEPTUNE

SECRET  
Auth: CG 101  
Init: RE7  
Date: 30 May 44

HEADQUARTERS 101ST AIRBORNE DIVISION  
Office of the Division Commander

APO 472, U. S. Army  
30 May 1944

AMENDMENT NO. 1 to ANNEX NO. 2 )  
TO FIELD ORDER NO. 1 )

1. Annex No. 2 to Field Order No. 1, Headquarters 101st Airborne Division dated 18 May 1944 is changed as follows: Delete the GLIDER SERIAL (Page 3 of 3 Pages) and substitute the attached glider serials.

# Operation Neptune Paragraft Four OPORD

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Serial	Airborne Unit (Including designation of serial CO) Asterisk (*) indicates serial commander	US TOC Unit	No. of AG	No. of Gliders	Qualk	Take-off Airfield	Landing Zone	A/C available for loading	Equipment loading completed	A/C ready for unloading	Unloading completed	Name of Take-off	Remarks	Time of Drop or Landing
1	Det 101st Hq* Btry "B" 81st AB AA Bn Det 101st Sig Co Btry "A" 81st AB AA Bn Det 326th Med Co Det 326th Engr Bn	434th TC Gp	51	1	1-7	Aldermaston	"B"						All CGLA Gliders	1 - 3 hrs
2	Det 101st Hq & Hq Co* Det 101st Sig Co Det 326th Med Co Vehicles 502nd Precht Inf Vehicles 506th Precht Inf Vehicles 377th Precht PA Vehicles 501st Precht Inf Det 81st AB AA Bn	434th TC Gp	32	8-12 14-16 17-20 21-24 25-27 28-31 13,32		Aldermaston	"B"						All Horse Gliders	1 - 20 hrs

ANNEX NO. 2 to ) No. of Copies: 200  
FIELD ORDER NO. 1 ) Copy No. \_\_\_\_\_

AIR MOVEMENT TABLE FORM "A" - GLIDER SERIALS (Revised)

Hq 101st AB Div  
APO 472, U. S. Army  
June 1944

Page 1 of 1 Page OFFICIAL: *M. Allen*  
ATTN: (A-3) *AWR*

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GROUP - NEPTUNE

TAYLOR

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BIGOT - NEPTUNEaP 472, U S Army  
Hq. 101st AB Div  
18 May 1944ANNEX NO. 5  
to  
FIELD ORDER NO. 1ENGINEERNOTE: For Location of Serial Numbers designated in this plan, see Engineer Operation Overlays (Inclosures 5A and 5B).1. PURPOSE:

a. This plan describes the important engineer work within the 101st Airborne Division area.

b. Responsibility for taking over critical points on definite routes of communications to prevent their destruction and facilitate the initial movement of friendly troops is specifically delegated to unit commanders in whose area they are located, as is also the destruction of specific routes to prevent passage of the enemy into the division area from the South.

2. a. PLAN:

(1) To do such engineer work as is necessary to prevent the movement of enemy troops across the River DOUVE and its tributaries from the South between ST. SAUVEUR LE VIGORNE exclusive and the mouth of the CHENAL DU FORT de CARENTAN inclusive.

(2) To assist the advance of our troops along the CHEF DU PONT-ETIENVILLE-ST. SAUVEUR LE VIGORNE road.

(3) To disrupt the enemy's underground wire communications system wherever practicable. Disruption will be accomplished by disconnection at terminals and not by destruction. The location of all breaks will be reported to Division Headquarters without delay. (See Incl. 5B).

b. TROOPS:

Troops available to do specialized engineer work in the sectors designated are as follows:

- (1) 501st Area:  
(a) Co "C", 326th AB Engineer Bn., less 1st & 3rd platoons.  
(b) Demolition platoon, 501st.
- (2) 502d Area:  
(a) Demolition platoon, 502d.
- (3) 506th Area:  
(a) 1st and 3rd platoons, Co "C", 326th AB Engr Bn.  
(b) Demolition platoon, 506th.

c. Corps Engineers plan to support Division Operations on call, on a priority basis by taking over engineer work within the Division Area. It is not contemplated that Corps Engineers will be assigned to Divisions.

3. ENGINEER WORK IN RESPECTIVE UNIT AREAS:a. 506th Area:

- (1) Destroy the crossing of the River DOUVE at Army priority Serials 32, 33, 34, in that order.
- (2) Destroy the two bridges (Serials 35 and 36) and the ferry (Serial 38) at LE MOULIN. Priority, Serial 37, Serial 26, Serial 38, in that order.
- (3) Destroy railroad bridges at 365872 (Serial 30) and 379853 (Serial 119) in the order of priority given.
- (4) Operate and control the locks at LA BARQUETTE after seizure (Serial 35), and mine the approaches to the dam from the south between the River GROULT and the River DOUVE. A high proportion of AP mines should be used.
- (5) Disrupt enemy underground wire communication system in the vicinity of 420950 (Serial B), 422914 (Serial C), and 408871 (Serial D).
- (6) Prepare to destroy the bridge and seize HAUT DICK lock at north end BASSIN A PLOT (Serials 174 and 175).
- (7) Prepare to breach outer dikes on western banks of CARENTAN Channel.
- (8) Prepare to destroy communications net at CARENTAN.

- 1 -

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Page No. 1 of 2 pages

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Engr Annex No. 5 to FO No. 1 Hq 101st AB Div APO 472 U.S. Army 18 May 44 (Cont'd)

b. 501st Area:

- (1) Assist the infantry in seizing and holding the crossings of the MERDESET River at CHEF DU PONT (Serial 56) and LA FIERE (Serial 55), by construction of blocks, laying of mines, or by other engineer work.
- (2) Destroy the crossing of the inundated area at BEUZEVILLE LA BASTILLE (Serial 29).
- (3) Destroy the crossing of the inundated area at ETIENVILLE. Priority Serials 27, 28, 26, in that order.
- (4) Prepare to assist the advance of the 501st along the CHEF DU PONT-ETIENVILLE-ST. SAUVEUR LE VICOMTE road.
- (5) Conduct engineer reconnaissance along the DOUVE near LIESVILLE (333904) and be prepared to create an obstacle to the possible crossing of the DOUVE in that vicinity by laying mines, by demolition, or by other engineer work.

c. 502nd Area:

- (1) Assist assault detachments of the 502d in the reduction of the gun positions at ST. MARTIN-DE-VALREVILLE by breaching obstacles and by demolition of emplacements and weapons.
  - (2) Disrupt the enemy's underground communication system in the vicinity of 400984 (Serial A).
  - (3) Seize and maintain intact the crossing at LA BISSON (Serial No. 601) (A94955).
- x. (1) Unit commanders will be responsible for prompt transmission of engineer intelligence information to the Division Engineer through command channels.
- (2) Accomplishment of designated missions will be reported to Division CP without delay.
  - (3) Commercial lines of communication may be cut at the discretion of the unit commander occupying the sector.

TAYLOR

OFFICIAL:

*Millener*  
MILLENER  
G-3

- 2 Inclosures, Attached
  - 5A - Operation Overlay
  - 5B - Wire Communications

- 2 -

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~~BIGOT - NEPTUNE~~

Page 2 of 2 pages

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# OPORD Administration and Logistics

## Operation Market Garden Paragraph Four OPORD

### Glossary:

- Class I - Food and water
- K rations - Condensed field ration, like power bars
- D rations - also a meal for the field, but a little more substantial - like Meals Ready to Eat (MREs) into today’s military forces.
- Class II - General supplies, batteries, housekeeping material, tents, etc.
- Class III - Fuel
- Class V - Ammunition
- Halazone Tablets - Water purification tablets (yuck!)
- Provost Marshal - Military police
- Blackout lights - Very dim markers used on military vehicles at night to avoid enemy detection.

# Operation Market Garden Paragraph Four OPORD

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Date: 14 September 1944  
Reg No. 2-14-9

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L-391

HEADQUARTERS 101ST AIRBORNE DIVISION  
Office of the Division Commander

CLASSIFICATION CHANGED TO: APO 472, S. Army  
14-September 1944  
**CANCELLED**  
BY AUTHORITY OF THE ADJUTANT GENERAL  
4.0 McPartland AB  
DOWNGRADING COMMITTEE 5 May 46

Pf 1  
Sep. Annex

FIELD ORDER)  
NUMBER - 1 )

1. a. Intelligence; see Annex No. 1
- b. (1) First Airborne Division (British) will seize and control bridges across NEDER RIJN at ARNHEM.
- (2) 82nd Airborne Division will seize and control bridges across MAAS and De WAAL Rivers near NIJMEGEN.

Pf 2  
Mission

2. a. 101st Airborne Division will land by parachute and glider in daylight on D, D+1 and D+2 Days, in the ZON (444254) - VECHTEL (482375) area with the mission of seizing and holding the principal stream and canal crossings at EINDHOVEN (430180), ZON (444254) and VECHTEL (482375) in order to assist the advance of the British 2nd Army northward along the EINDHOVEN - GRAVE (620530) highway. (See Annex No. 3).

b. Composition of Airborne Lifts:

D Day	432 Parachute A/C 70 CG4A Gliders	} merge } plan
D+1 Day	450 CG4A Gliders	
D+2 Day	382 CG4A Gliders	

3101-39

g. For Drop Zones and Landing Zone, see Annex No. 2. For air movement plan, see Annex No. 5.

3. a. D Day lift:

Pf 3  
Operations -  
Mission of  
Subordinate  
units by  
Day

(1) 501st Parachute Infantry Regiment with two platoons Company "C", 326th Airborne Engineer Battalion attached, will land on DZ "A" and secure the canal and stream crossings in the VECHTEL (482375) area. (See Annex No. 3)

(2) 506th Parachute Infantry Regiment with one platoon Company "C", 326th Airborne Engineer Battalion and detachment Division Reconnaissance Platoon attached will land on DZ "B". It will secure the three crossings of the WILHELMINA CANAL at ZON (443253) immediately upon landing. It will be prepared to move on EINDHOVEN (430180) within two hours after landing for the purpose of securing the stream and canal crossings at that point. (See Annex No. 3)

(3) 502nd Parachute Infantry Regiment with Company "C", 326th Airborne Engineer Battalion (less three platoons) attached, will land on DZ "C" and assemble in Division reserve. It will block the ZON (443253) - ST ORDENRODE (412918) road in vicinity of VILLEN BRAKEN (442295) and maintain contact with the 501st and 506th Parachute Infantry Regiments. It will send a detachment to secure the crossings (390244) (390250) of the WILHELMINA CANAL south and southeast of BEST (374266). It will be prepared to take over the bridgehead at ZON (443253) established by 506th Parachute Infantry Regiment and support the latter in its movement on EINDHOVEN (430180)

D-Day  
D+1  
D+2

Report 1944 (modified)

23149-  
master

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**MARKET**

FO #1, Hq 101 AB Div, dated 14 September 1944, cont'd

(4) The glider element of D - Day lift will land on LZ "W" and move to areas as shown in Annex No. 2a (Glider Assembly Plan). The Division Reconnaissance Platoon, less detachment, will be prepared to push reconnaissance toward SCHLIMMEL (406382) - BEST (374266) and LIESHOUT (514270).

b. D / 1 and D / 2 day lifts: Units of these lifts will land on glider landing zone "W" as shown in Annex No. 2. They will assemble as shown on Annex No. 2a and await orders.

x. (1) The bridges in the VEGHEL (483376) and ZON (443253) areas will be seized with maximum speed immediately upon landing by the responsible parachute regiment. The most conveniently placed small group will rush these bridges without waiting for the assembly of large elements.

(2) All bridges and signal communications in the area will be preserved for the use of our own troops.

(3) The Division Artillery Commander is responsible for calls for support from British artillery and combat aviation.

(4) The 502nd Parachute Infantry Regiment is charged with securing LZ "W" for the D - Day glider lift.

(5) Colonel Thomas Sherburne, Division Artillery, is charged with the reception of glider elements upon landing zone "W".

(6) All locks and water ways in the area will be maintained in working order.

(7) All ferries, barges, etc., not actually in use by the Division will be brought to the south bank of streams to make them available for XXX Corps if required.

(8) Roads will be kept free of troops and vehicles of the Division after ground contact is made to permit the rapid transit of XXX Corps.

(9) Employment of glider pilots will be the same as for operation "LINNET".

(10) Mines will be laid only under Engineer supervision and will be carefully recorded. Our own and enemy mine fields will be reported at once to Division.

4. a. Administrative order same as for "LINNET".

b. Gas masks will be carried.

5. a. Signal Annex (Annex No. 4)

b. Tentative Command Posts

Unit	Coordinates
Corps	
82nd Airborne Division	
Division and Division Artillery	(442269)
501st Parachute Infantry Regiment	(477375)
502nd Parachute Infantry Regiment	(443281)
506th Parachute Infantry Regiment	(443257)
327th Glider Infantry Regiment	(435269)

c. Orange or yellow flags, panels, or smokes will be used to identify friendly troops.

For the Commanding General:

*R. D. M. Milner*

R. D. MILNER,  
Lieutenant Colonel, GSC,  
Staff

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FF3  
Cont.

FF5  
Sep Annex  
w/ some  
notes  
here

FF4 -  
Admin +  
Logistics -  
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FO #1, Hq 101 AB Div, dated 14 September 1944, contains

5 Annexes:

- Annex No. 1 - Intelligence
- Annex No. 2 - Drop Zones and Landing Zone
- Annex No. 2a - Glider Assembly Areas
- Annex No. 3 - Operations
- Annex No. 4 - Signal Annex
- Annex No. 5 - Air Movement Table

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Operation LINNET

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 Auth: CG LULST AB Div.  
 Initials: ALM  
 Date: 31 August 44

In 5 Pages

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Hq. 101st AB Div.,  
 APO 472, U. S. Army  
 31 August 1944.

ANNEX NO. 4, Adm. O. No. 1 to accompany F. O. No. 1 (LINNET)

Maps: France and Belgium, GSGS 4040  
 Sheets: 52 Tourcoing, 65 Lille, 74 Douai.  
 Scale: 1/50,000

1. SUPPLY.

## a. Prior to embarkation:

(1) All organizations will be supplied and equipped prior to embarkation in accordance with "G-4 Administrative Instructions Preliminary to Mounting", dated, 8 April 1944 as amended by verbal instructions.

## b. Class I.

(1) One third (1/3) type "K" and two thirds (2/3) type "D" will be carried by each individual airborne.

(2) All individuals seaborne will carry three (3) type "K" rations.

(3) All organizations, airborne, will carry two (2) type "K" rations in planes or gliders.

(4) One (1) type "K" and one (1) type "10-in-1" ration will be transported on two (2) Quartermaster Truck Companies furnished on far shore by 21st Army Group.

(5) Division Quartermaster will establish Class I dump in vicinity of DZ "C". Location will be reported to organizations when established.

(6) Daily strength returns will be submitted by organizations informally, which will be basis for following days issue of rations.

## c. Class II.

(1) Two (2) truck companies furnished by 21st Army Group will transport the following loads:

- (a) 3 - Quartermaster.
- (b) 1 - Medical
- (c) 5 - Signal
- (d) 5 - Ordnance
- (3) See appendix "A" for supplies carried.

## d. Class III.

(1) All gasoline tanks will be filled and vehicles properly lubricated prior to departure from Marshalling Areas.

(2) Three (3) truckloads of gasoline will be carried by truck companies furnished by 21st Army Group on far shore, see appendix "A"

(3) Division Quartermaster will establish Class III dump in vicinity of BZ "C". Location will be reported later.

(4) Organizations will deliver empty cans to division dump.

-1-

T-O-P S-E-C-R-E-T

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## e. Class IV.

(1) Five (5) truckloads of Engineer Class IV supplies will be carried by two (2) truck companies furnished by 21st Army Group on far shore. See appendix "A".

## f. Class V.

- (1) Each organization will carry its full basic load of ammunition.
- (2) Fifty one (51) truckloads of ammunition will be carried by two (2) truck companies furnished by 21st Army Group on far shore. See appendix "A".
- (3) Division Ammunition Officer will establish Class V dump in vicinity of DZ "C". Location will be reported later.
- (4) Ammunition expenditure reports will be submitted daily as of 0600 hours and will be delivered by 0900 hours to Division Ammunition Officer at Class V dump.

## g. Water.

- (1) Canteens will be filled prior to departure.
- (2) All individuals will carry one (1) bottle of Halazone Tablets containing one hundred (100) tablets each. Water will be considered as unpotable until treated.
- (3) Locations of water supply points will be reported when established.

## h. Resupply by air.

- (1) Automatic resupply will be delivered to DZ "G" daily by parachute or by air landed plane starting with D + 1 day unless canceled by the Division. See appendix "B".
- (2) A limited quantity of Class II equipment will be laid down at departure airfields for delivery on rail of the Division. See appendix "C".
- (3) SHARF Operations Memorandum No. 12, dated 13 March 1944 as amended 8 June 1944 will be followed in all resupply missions.
- (4) Isolated units and attached units will submit requests for air resupply to Assistant Chief of Staff, G-4.

## i. Ground supply far shore.

- (1) British 2nd Army will deliver daily supplies to Division dumps in quantities previously specified. In the event additional supplies are required 2nd Army will obtain same from five (5) day reserve built up and held by 2nd Army for U. S. Forces.
- (2) Division units will submit requisitions for Class II and IV supplies in normal manner.
- (3) See appendix "B" for supplies furnished daily.

## 2. EVACUATION.

## a. Casualties.

- (1) Division Medical Clearing Station initially will be set up in vicinity of and west of Rumillies. Location will be reported to units at later date.
- (2) Casualties will be evacuated by air at the earliest possible moment after air strips have been completed.

T-O-P S-E-C-R-E-T

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(3) "B" platoon 50th Field Hospital will augment the 326th Airborne Medical Company in the operation of the clearing station.

b. Burial.

(1) Operational Memorandum No. 7, 20 April 1944 remains in effect. Every effort will be made to avoid isolated burials and to avoid burial of unidentified dead.

(2) Division cemetery - *tentative vicinity of* ~~location~~ of Humillies.

c. Salvage.

(1) Disposition instructions later.

d. Captured Materiel.

(1) Captured enemy vehicles will be retained by units but will be reported to Assistant Chief of Staff, G-4. All captured vehicles will be marked with orange flags.

(2) Location of enemy dumps will be reported to Assistant Chief of Staff, G-4.

e. Prisoners of War.

(1) Operational Memorandum No. 12, 24 April 1944 remains in effect. Strict adherence to provisions of Geneva Convention on the taking of property from prisoners is mandatory.

(2) Organizations will maintain an exact record of the number of prisoners, by category, taken during each twenty four (24) hour period.

(3) Organizations are responsible for evacuation of prisoners to Division Inclosure.

(4) Inclosure - to be announced.

3. TRAFFIC.

a. See Operational Memorandum No. 16, this Headquarters, dated 8 May 1944.

b. All vehicles will drive on RIGHT side of road.

c. Control.

(1) Necessary control to be effected by Division Provost Marshal.

d. Priorities.

(1) Tactical movement of troops by motor.

(2) Ambulances.

(3) Wire patrols and construction crews.

(4) Staff cars and messenger vehicles.

(5) Supply convoys.

(a) Class V.

(b) Class III.

(c) Class I.

(d) Other supply traffic.

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e. Restrictions.

- (1) Blackout lights ONLY will be used during darkness.
- (2) Local traffic regulations will be complied with.

4. PERSONNEL.

a. Stragglers.

- (1) Unit responsibility.
- (2) Collecting Point - vicinity of Division CP.

b. Surplus baggage.

- (1) All surplus baggage will be stored at unit base camps prior to departure. Surplus baggage left at Marshalling Areas will be handled by the Division Rear Echelon.

c. Mail.

- (1) Operational Memorandum No. 2, 4 April 1944 remains in effect. Mail from the Continent to the UK may be sent free. Censorship rules apply.
- (2) Location of Division Post Office will be reported later.
- (3) Mail incoming and outgoing suspended on D Day.

d. Strength Report.

- (1) Rendered by all units as directed in Operation Memorandum No. 33 12 August 1944.

e. Replacements.

- (1) None available until relieved from operation.

5. MISCELLANEOUS.

a. Rear Echelon - Division Headquarters remains open in present location.

b. Bomb disposal by Ordnance units. Locations will be reported by units to Division Ordnance Officer.

c. Major items of Ordnance equipment lost will be reported to Division Ordnance Officer.

d. Civil Affairs Section will be located with Assistant Chief of Staff, G-1.

e. Red Cross comfort items will be available through Assistant Chief of Staff, G-1 when seaborne elements make contact with the Division.

f. S-4 Periodic Reports will be submitted daily as of 1200 hours by 2100 hours starting D + 2 day.

g. Information on wage scales for payment of civilian labor will be furnished later. Unit Purchasing and Contracting Officers will maintain necessary records for clearing their accounts at a later date.

h. All civilian laborers hired by Division will wear blue and white arm bands. These will be furnished by Division Quartermaster.

TAYLOR

OFFICIAL:

KOHLIS  
G-4

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4 - Incl.

- Appendix "A" - Supplies to be carried by Two Truck Companies
- Appendix "B" - Air Resupply
- Appendix "C" - Equipment available for call at airfields
- Appendix "D" - Daily Supply Requirements, Ground Supply

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1st Brit AB Div	5 " 43-47	G-1	1 " 88
878th AB Engr	2 " 48-49	G-2	2 " 89-90
501 Preht Reg	5 " 50-54	G-3	2 " 91-92
502 Preht Reg	5 " 55-59	G-4	2 " 93-94
506 Preht Reg	5 " 60-64	AG	1 " 95
327 Gl. Inf Reg	5 " 65-69	Chl O	1 " 96
Hq. Btry	2 " 70-71	Engr	1 " 97
377 Preht FA	1 " 72	Hq. Comdt	1 " 98
321 Gl. FA	1 " 73	Ord O	1 " 99
907 Gl. FA	1 " 74	PM	1 " 100
326 AB Engr	1 " 75	QM	1 " 101
Co. "C" Engr	1 " 76	Sig O	2 " 102-103
81st AB AA	1 " 77	Div Surgeon	1 " 104
Hq. Co. 101	1 " 78	Air O	1 " 105
Hq. 401st (Rcn)	1 " 79	IG	1 " 106
426 AB QM Co	1 " 80		
326 AB Med	1 " 81	9th Air Force	5 " 21-25
801 AB Ord	1 " 82		

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APPENDIX "A"

To Administrative Order No. 7

SUPPLIES TO BE CARRIED BY TWO TRUCK COMPANIES

1. ENGINEER - Fifteen (15) trucks

Item	Total Number
Mine, AT, M1A1	3,700
Coils, barbed wire	72
Long pickets	720
Short pickets	1,440
Intrenching set, Infantry	5
Sand Bags	10,000
#16 Nails in 100# kegs	5 -- kegs

2. MEDICAL - One (1) truck

Item	Unit	Total Number
Alcohol, USP, Ethyl	5-gal	5
Dextrose 5% in Phys. Sod Chl Sol	1000cc	15
Dextrose 5% in Ster. Dist. Water	2000cc	15
Ether (for anesthesia)	1/4 lb	50
Petrolatum, USP	lb	20
Petrolatum, liquid, light, USP	pt	20
Sulfadiazine Ointment, 5%	lb	25
Sulfanilamide Cryst, 5 GM in sterile ind. dbl-wrapped envelope, w/shaker top; 12	pkg	200
Tincture of Opium Camphorated	pt	25
Water Dist. Pyrogen Free, 50cc	25	8
Sbrum Normal Human Plasma Dried	pkg	400
Pentothal Sodium w/ster Dist Water, 50cc	25	12
Bandage Muslin, 5"	dos	30
Stockinette, 3", 25 yds	roll	3
Stockinette, 6", 25 yds	roll	3
Stockinette, 9", 25 yds	roll	1
Wadding sheet	roll	200
Splint Wire Ladder	each	150
Sulfaguaniadine USP, 0.5 GM (7.7GR) Tab.	100	20
Bandage Gauze Compress, 3" (72)	box	12
Bandage Plaster of Paris, 6"	dos	36
Dressing, 1st-aid, small	each	500
Splint, Army Leg & Thigh w/ Ring Folding	each	30
Chest, MD, No. 60	each	1
Blanket Set, large	each	15
Gas Casualty Set	each	1
Chest, drugs	each	2
Towel Set, hand	each	2
Brassards, G.C.R.C.	each	400
Litter folding Wood	each	100
Benzyl Benzoate	1/4 lb	50

3. ORDNANCE - Fifty-six (56) trucks

a. Ammunition - Fifty-one (51) trucks

Item	No. Rounds
Cal. 30, Carbine	51,000
Cal. 30, AP, 8/cp Budsirs.	75,264
Cal. 30, AP-T, MGB (4-1)	61,000
Cartridge, rifle, grenade, Cal. 30, #6	3,450

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APPENDIX "A" (CONT'D)

a. <u>Ammunition</u> (Cont'd)	<u>No. Rounds</u>
Cal..45, Ball	300,000
Cal..50, AP-I-T, MGB	5,060
Grenade, Rifle, AT, M9A1	500
Grenade, Rifle, Frag., M17	500
Rocket, AT, M6A1	320
Grenade, Hand, Frag., MK II	3,550
60mm HE, M49A2	10,000
60mm Illuminating, M83	100
81mm HE, Lt., M43A1	5,000
81mm HE, HV., M56	5,000
81mm WP, M57	1,000
37mm, AP, M74	700
57mm, HE-T	500
57mm, AP-T, M70	1,176
75mm, How. HE, w/f M54	2,288
75mm, How. HEAT, M66	292
75mm, How. WP, M64	140
105mm, How. HE, M1 w/(FM54)	912
105mm, How. HEAT, M67 w/(FM62)	108
105mm, How. WP, M60 w/(FM57)	60

b. C & P Material - Five (5) trucks

<u>ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
Cleaner, rifle bore	6 oz can	7,500
Cleaner, rifle bore	qt can	600
Cloth, crocus	sht	3,500
Cloth, wiping	lbs	5,000
Grease, rifle	ea	6,000
Oil, lubr., Pres., light	4 oz can	7,500
Oil, lubr., Pres., light	quart	1,400
Oil, neatsfoot	quart	120
Patches, cut, cotton, flannel	M	2,800
Burlap, jute, 8 oz., 40"	yds	750
Cloth, abrasive, alum. oxide, 5/0 fine 180	sht	30
Cloth, abrasive, alum. oxide, 3/0 medium	sht	30
Compound, rust, preventative	lbs	130
Enamel, syn., O.D.	gal	140
Grease, G.P., #2	lbs	50
Grease, O.D., #0/00	lbs	180
Oil, SAE 10/30 (Qn)	qt	300
Oil, lubr., AA inst	qt	40
Oil, recoil, heavy	gal	60
Oil, recoil, special	gal	10
Paper, lens tissue	qt	120
Primer, synthetic, rust, inhib.	gal	140
Soda ash, type I	lbs	2,600
Soda, caustic, lye	lbs	200
Sponges, cellulose, coarse pore	ea	500
Twine, jute	lbs	50
Waste, cotton, white	lbs	500
Fluid, brake, hydraulic	gals	60
Fluid, shock, absorber, light	gals	30
Oil, hydraulic	qt	600
Paper, flint, class B, grade 2/0	qr	60
Liquid, extinguisher, fire	ea	50

2. QUARTERMASTER - Nineteen (19) trucks

a. Class I - Thirteen (13) trucks

- (1) Type "K" rations 13,668 - six (6) trucks
- (2) Type "10 in 1" rations 12,000 - seven (7) trucks

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## APPENDIX "A" (CONT'D)

b. Class III - Three (3) trucks

Gasoline	1,800 gal
Oil SAE # 30	55 gal
Oil SAE # 50	15 gal
Grease #2 GP	50 lbs

c. Class II - Three (3) trucks

Cleaning and Preserving Material	
Brooms, Corn	216
Brooms, Rattan Push	54
Brushes, scrubbing, floor	288
Brushes, tufted rd.	216
Calcium, Hypochlorite	30 can
Disinfectant, Pine tar or creosol	48 gal
Dubbin, 2 oz can	1500 can
Handles, broom, rattan, push	54 ea
Lime, chlorinated	600 lb
Lye, caustic, soda	300 lb
Oil, neatsfoot	9 gal
Powder, scouring	180 lbs
Soap, grit	120 lbs
Soap, laundry	12780 lbs
Wool, steel	90 lbs
Candles, (6 per lb)	240 lbs
Matches, box	1200 box
Paper, toilet	4000 roll
Calcium, Hypochlorite	6000 ampule
Orthoiodine, tablet	120 btl
Insecticide, powder	12000 box
Paper, fly, ribbon	300 ea
Repellent, insect	
2 oz bottle	2100 btl
Propylactics, mech.	36000 ea
Propylactics, chem.	12000 ea

5. SIGNAL - Five (5) trucks

Axle, RL-27-A	10
Batteries:	
BA-2	100
BA-30	1500
BA-27	50
BA-37	2000
BA-38	2000
BA-39	325
BA-40	325
BA-41	150
BA-43	50
BA-48	75
BA-70	100
BA-80	250
BA-200/U	100
Climbers LC-6	15
Coil, C-161	15
Converter, M-209	10
Cord, C D-501	10
Cord, C D-190	200
Crank, GC-7	12
Detector set, SCR-625	5
Flashlight, TL-122	200
Gloves, LC-10	50 pr.
Lamp, IM-35	100
Message Books, M-210	200
Reel Equipment, CE-11	10
Reel Unit, RL-31	5
Reel Unit, RL-39	10
Switchboard, ED-71	5
Switchboard, ED-72	2

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APPENDIX "B"

To Administrative Order No. 7

AIR RESUPPLY

1. Daily tonnage requirements for the division are as follows:

a. The following list of Class I, III, V, Medical and Signal supplies constitutes the resupply requirements of the 101st Airborne Division for one (1) day of operation.

b. Initially, arrangements will be made with Corps to deliver by parachute one (1) or more days resupply of all types automatically and thereafter, call for delivery of one (1) or more types listed below. Requests will be made by bundle number.

c. Tonnage of resupply for one (1) day:

(1) Class I	24.6	tons
(2) Class III	5.44	"
(3) Class V	195.25	"
(4) Medical	1.7	"
(5) Signal	3.84	"
TOTAL	230.83	"

2. Consolidated list of resupply requirements for one (1) days operations.

TYPE SUPPLY	BUNDLE NO.	TYPE MATERIAL AERIAL DEL.COMT.	NO. ITEMS EACH BUNDLE	BUNDLE NET WT. (LBS)	TOTAL BUNDLES REQUIRED	TOTAL NET WT.	RDS PER WEAPON
Cl I	1	"K" rations	4 cases	164	300	49,200	14,400 rations
Cl III	2	5-gal cans gasoline	3-5-gal cans	120	84	10,080	1,260 gals
Cl III	3	7-lbs grease 6-gal can oil	7 lbs 2-6-gal cans	114	7	798	
Cl V	4	Cal.30, Carbine	2 bx	194	22	4,268	22
	5a	Cal.30 Ball, 8cp	2 bx	222	57	12,654	30
	5b	Cal.30 tracer, 5cp	2 bx	224	4	896	
	5c	Cal.30, AP & tracer MGB (4-1)	3 bx	231	71	16,401	480
	6	Cal.45, Ball	3 bx	285	20	5,700	208
	7	Cal.50, AP-T, MGB	3 bx	213	73	15,549	400
	8a	57mm, AP-T, M70	3 bx	240	140	33,600	70
	8b	57mm, HE (if available) 20% of line 8a					
	9a	60mm, HE, M49A2	3 clvf.	243	147	34,263	69
	9b	60mm, Illum., M83	3 clvf	336	8	2,688	
	10a	81mm, HE, Lt., M43A13	clvf	174	140	24,360	67
	10b	81mm, HE, Hv., M56	4 clvf	168	58	9,744	
	10c	81mm, WP, M57	3 clvf.	135	40	5,400	

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BUNDLE NO.	TYPE MATERIAL AERIAL DEL. CONT.	NO. ITEMS EACH BUNDLE	BUNDLE NET WT. (LBS)	TOTAL REQUIRED BUNDLES	TOTAL NET WT.	RDS PER WEAPON
11a	75mm, How. HE fuzed, M54	4 clvf	270	264	59,400	120 (30 Hows)
11b	75mm, How. HEAT, M66	4 clvf	230	24	5,600	
11c	75mm, How, WP, M64	4 clvf	280	12	2,800	
11d	105mm, How, M3, HE fuzed M54	(2 bxs) 4 rds	242	306	67,110	120 (12 Hows)
11e	105mm, How, M3 HEAT M67	4 rds	220	36	6,600	
11f	105mm, How M3 WP, M60	4 rds	238	18	3,470	
12a	Grenade, rifle AT M9A1 w/cart, Cal.30 M3	4 bx	120	58	6,960	5
12b	Grenade, rifle, Frag-M17 w/cart. Cal.30 M3	4 bx	132	38	5,016	4
12c	Grenade, rifle, smoke HC T6, w/11 cart. M3 and 6 cart. M6	4 bx	144	16	2,304	1.5
13	Rocket, AT, M6A1	2 bx	262	58	15,196	4
14a	Grenade, Hand Frag. MK II	4 bx	212	20	4,240	2000 grenades
14b	Grenade, Hand Incend. AN M14	4 bx	216	1	216	
14c	Grenade, Hand Smoke, HC, M8	4 bx	208	1	208	
14d	Grenade, Hand Smoke, WP, M15	4 bx	208	1	208	
14e	Grenade, Hand M16, Green Smoke (grenade, Hand M16, Red Smoke (grenade, Hand M16, Orange Smoke	3 bx	156	1	156	
15a	Signal AC AN-M44 Single Star Yellow	2 bx	150	1	150	
15b	Signal AC AN-M38 Dbl. Star, Yellow Yellow	2 bx	176	1	176	
15c	Signal AC AN-M45 Single Star Green	2 bx	166	1	166	
16a	(Cart. Rifle Grenade Cal.30, M3 (Cart. rifle grenade Cal.30, Carbine M6	2 bx	128	1	128	
16b	37mm, Shot SY	2 bx	172	10	1,720	26 (12 guns)
16c	37mm, HE, M63	2 bx	182	4	728	20 (12 guns)
16d	37mm, Cannister, M6	2 bx	204	2	408	

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BUNDLE NO.	TYPE MATERIAL AERIAL DEL. CONT.	NO. ITEMS IN EACH BUNDLE	BUNDLE NET WT. (LBS.)	TOTAL REQUIRED BUNDLES	TOTAL NET WT.	RDS PER WEAPON
17a	Mines, ATHE, M1A1	4 bx.	28.	150	42,600	3000 Mines
17b	Grenade, Hand, #32 MK I (Br. Gamman) (If avail.)	6 bx (40 per box)	198	2	396	480 grenades
18	Medical. Medical items packed in one (1) Aerial delivery Containers are listed on attached sheet. All bundles are packed in the same manner.		85	40	3,400	
<u>Signal:</u>						
19	Batteries, BA-23 Batteries, BA-2	10 50	82	1	82	
20	Batteries, BA-30 Batteries, BA-27	500 10	160	1	160	
21	Batteries, BA-37 Batteries, BA-38	100 100	138	9	1,242	
22	Batteries, BA-39	25	181	6	1,086	
23	Batteries, BA-40	25	162	6	972	
24	Batteries, BA-48	40	200	2	400	
25	Batteries, BA-80	25	187	8	1,496	
26	Wire, W-110	3 reels	225	10	2,250	
				2,280		

NOTE: Total required bundles is 2,280 which would require one hundred ninety (190) planes at twelve (12) bundles per plane.

3. The following system of identification of resupply in aerial delivery containers and gliders will be used by Aerial Resupply Companies.

a. Aerial delivery containers.

(1) Each class or type resupply packed in aerial delivery containers will utilize colored parachute canopies to represent the type resupply contained in the bundle. Following are listed the various colored canopies which will be used for the type of supply shown opposite the canopies.

CANOPIES	TYPE RESUPPLY
Blue	Class I
Green	Class III
Red or Yellow	Class V
White	Medical
White	Signal

(2) The Resupply Company will also mark each bundle with white paint to indicate the exact contents of the container. Sample identifications are given below.

COPY	BUNDLE MARKING
Type "K" ration	Blue White "K"
Gasoline	Green White "G"
75mm Shells	Red or Yellow White "75"
30 Cal. Ammunition	Red or Yellow White "30"
Mines	Red or Yellow White "M"
Medical (assorted)	White White Cross
Signal (assorted)	White White "S1"

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ANNEX NO. 5 TO FO No. 1

Date: 14 September 44  
Hq. 101st AB Div  
Map Ref.

AIRBORNE TABLE  
 OPERATION MARKET

TOP SECRET - BIGOT

NO. OF COPIES: 150

COPY NO. 108

LZ/DZ  
LZ/DZ  
LZ/DZ  
LZ/DZ

Sex	Airborne Unit (include designation of serial CO)	RAF BStTC Unit	No of A/C (Chart)	No. of Gliders	Take-off Airfield	DE or LZ	A/C and Gliders available for loading	Equipment loading completed by	A/C and gliders ready for explaining	Explaining tasks completed	Time taken off	Time of Drop or Landing	Rem
A2	F/F 101st AB Div	PFF	1-2		1ST LIFT	B						H-0030	
A4	501st Precht Inf	434 TC GP	1-45		CHALCOTE	A						H hour	
A6	501st Precht Inf	434 TC GP	46-90		ALDERASTON	A						H / 0004	
A8	3rd Bn, 501st Precht Inf	442 TC GP	1-45		CHILBOLTON	A						H / 0008	
A10	1st Bn, 502nd Precht Inf	442 TC GP	46-90		CHILBOLTON	B						H / 0012	
A2	1st Bn, 506th Precht Inf	436 TC GP	1-45		MELBURY	B						H / 0016	
A4	506th Precht Inf	436 TC GP	46-90		MELBURY	B						H / 0020	
A6	101st Div Hq	435 TC GP	1-9		WELFORD	C						H / 0024	
A8	1st Bn, 502nd Precht Inf	435 TC GP	10-36		WELFORD	C						H / 0028	
A20	1st Bn, 502nd Precht Inf	435 TC GP	37-54		WELFORD	C						H / 0032	
A22	Co Wp, 326th Bn	438 TC GP	55-65		WELFORD	C						H / 0036	
	502nd Precht Inf	438 TC GP	66-72		WELFORD	C						H / 0036	
	502nd Precht Inf	438 TC GP	1-45		WELFORD	C						H / 0036	
	502nd Precht Inf	438 TC GP	46-90		WELFORD	C						H / 0036	
	502nd Precht Inf	438 TC GP	46-90		WELFORD	C						H / 0036	

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ANNEX NO. 5 TO FO NO. 1  
 Date: 14 September 44  
 Hq, 101st AB Div  
 Map Ref: \_\_\_\_\_

**AIR MOVEMENT TABLE**

**Operation MARKET**

**RESTRICTED**

LZ/DZ \_\_\_\_\_  
 LZ/DZ \_\_\_\_\_  
 LZ/DZ \_\_\_\_\_  
 LZ/DZ \_\_\_\_\_

Serial	Airborne Unit (include designation of serial CO)	RAF US/TC Unit	No of A/C (Chalk)	Ncs of Gliders	Take-off Airfield	DZ or LZ	A/C and Gliders available for loading	Equipment loading completed by	A/C and gliders ready for unloading	Unloading Completed	Time take off	Type of Drop or Landing	Remarks
A29	101st Div Hq Phantom 101st Sig Co 101st Div Arty 326th Med Co 101st Ren Plat	437 TC Gp	1-6A 7-8A 9-22A 22-25A 26-31A 32-35A	6 2 14 3 6 4	RAMSBURY	W						H / 0108	
A30	101st Ren Plat 501st Prcnt Inf Vehicles 502nd Prcnt Inf Vehicles 506th Prcnt Inf Vehicles	437 TC Gp	36-46A 47-54A 55-62A 63-70A	11 8 8 8	RAMSBURY	W						H / 0115	
A35	Gen MoA 81st AB BA Bn	434 TC Gp	1-2A 3-40A	2 38	2nd LIFT ALDERMANSTON	W						X / 0017	
A37	326th AB Med Co	435 TC Gp	1-30A	30	WELFORD	W						X / 0014	
A39	Div Vehicle Pool	438 TC Gp	1-40A	40	GREENHAM COLLONS	W						X / 0031	
A41	326th AB EngR Bn	442 TC Gp	1-40A	40	CHILBOLTON	W						X / 0038	
A43	2nd Bn, 327th Gli Inf	436 TC Gp	1-40A	40	MEMBURY	W						X / 0045	
A45	101st Div Hq 101st AB Sig Co 101st AB Enst AB BA Bn	437 TC Gp	1-19B 20-27B 38-40B	19 18 3	RAMSBURY	W						X / 0042	

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# OPORD Command and Communications

## Operation Neptune Paragraph Five OPORD

### Glossary:

- Radio Silence - No one uses radios until a certain time or event happens so as not to give your enemy any clues that something important is about to happen
- GPO - General Post Office
- SIGABA - A secure means of communication (like having a satellite phone)
- SOI - Signal Operating Instructions (a code book with frequencies, call signs, and passwords)
- CP - Command Post, the headquarters for an army unit
- Net - Radio/communications network
- SCR - Signal Corps Radio - type of radio. SCR300 is a particular model radio produced for the US Army.
- Pyrotechnics - Signal flares - different colors are available to signal different actions that are specified in the order or the SOI

# Operation Neptune Paragraft Five OPOrd

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~~BIGOT - NEPTUNE~~

SECRET  
 Auth: CG 101 AB Div  
 Init: 2.4.44  
 Date: 18 May 1944



101st AB Division  
 472, U. S. Army  
 May 1944

FIRED ORDER )

NUMBER 1 )

MAPS: FRANCE 1/50,000, CGSGS No. 4250, Sheets LA HAYE DU PUITTS (5E/5),  
 PERIERS (5E/2 & 6F/1), VALONGNES (6E/3 & 4), ISIGNY (6E/6).

*Intell  
 #1  
 - sep.  
 Annex*

1. a. Intelligence: See Annex No. 1.
- b. The 4th Div of the VII Corps assaults UTAH BEACH on D-day at H-hour and captures CHERBOURG with minimum delay.

*Mission  
 #2*

2. The 101st AB Div, reinforced, will land by air and water on the COTENTIN PENINSULA beginning at J-hour on the night of D minus one--D-day, with the principal mission of assisting the landing of the 4th Inf Div and its passage inland from UTAH BEACH. It will subsequently protect the south flank of the VII Corps along the DOUVE RIVER within its sector.

- a. Attachments:
  - Co "D", 70th Tank Bn
  - 65th Armd FA Bn (upon release by 4th Inf Div)
  - Tr "C", 4th Cav Sq
  - 3807th QM Trk Co
  - 3808th QM Trk Co
- b. J-hour is the time of dropping of the first parachute serial (See Annex No. 2, Air Movement Table).
- c. J-hour, H-hour, and D-day will be announced to units by officer courier.
- d. Boundaries: See Annex No. 3.
- e. For drop and landing zones see Annexes No. 3b (1) and (2).

*#3  
 Operations  
 (subordinate)  
 unit  
 missions*

3. a. PARACHUTE ECHELON: (See Annex No. 2, Air Movement Table).
  - (1) 502nd Prcht Inf, with 377th Prcht FA Bn, attached, landing on Drop Zone "A", will destroy the enemy battery located west of ST. MARTIN-DE-VARREVILLE (405980) and will seize the western edge of the inundated area back of UTAH BEACH between ST. MARTIN-DE-VARREVILLE (4098) and AUDOUVILLE-LA-HUBERT (4096), both inclusive, prior to H-hour. It will protect the north flank of the Division within the Regimental sector. See Annex No. 3. Upon being relieved by 4th Inf Div it will assemble in place prepared for movement to the southwest.
  - (2) The 506th Prcht Inf (with 1st and 3rd platoons, Co "C", 326th AB Engr Bn, attached), landing on Drop Zones "C" and "D" will execute the following missions:
    - (a) Seize the western edge of the inundated area back of UTAH BEACH between AUDOUVILLE-LA-HUBERT (4096) exclusive, and POUPEVILLE (4493), prior to H-hour.
    - (b) Protect the south flank of the 101st AB Div and the 4th Inf Div within the Regimental sector. The bridges north of CARENTAN at 365872, 382865, 383862, 419873, and 427876, will be destroyed; the dam at 397868 will be seized and defended.
    - (3) The 501st Prcht Inf (less 3rd Bn) with Co "C" (less two platoons), 326th AB Engr Bn, attached, landing on Drop Zone "B", will protect the rear (west flank) of the Division within the Regimental sector. It will seize ST. MERE-ECLISE and the crossings of the MERDESET RIVER at 315957 and 321930. Upon being relieved by the 4th Inf Div it will assemble southeast of CHEF DU PONT and push a strong detachment to the west for the purpose of destroying the crossings of the DOUVE RIVER at 309910 and 289928 and contacting the 82nd AB Div at ST. SAUVEUR-LE-VICOMTE.

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PO No. 1 Hq 101st AB Div APO 472, U S Army 18 May 1944 Cont'd.

(4) The 3rd Bn, 501st Prcht Inf, landing on Drop Zone "G" will assemble in Division reserve prepared to mark and protect glider landing Zone "EM".

b. GLIDER ECHELON: (See Annex No. 2, Air Movement Table).

(1) The glider troops, following landing, will assemble in vicinity of Landing Zones indicated in Annex No. 3b (2) and await orders. Battery "A", 81st AB AA Bn, will be prepared for attachment to the 506th Prcht Inf. The Commanding General, Division Artillery, is charged with arrangements for receiving the glider echelon. For duties of glider pilots see Annex No. 7.

c. SEABORNE ECHELON: (See Annex No. 2a, Landing Table).

(1) Seaborne elements, upon landing, will assemble as indicated in Annex No. 2b. All combat elements will be prepared for immediate employment in the CARENTAN area. The Assistant Division Commander is charged with arrangements for receiving and directing the seaborne elements of the Division.

(2) Batteries "D", "EM" and "F", 81st AB AA Bn are initially attached to the 11th AAA Group for the antiaircraft defense of UTAH BEACH. These batteries will revert to Division control upon arrival of their transportation on D plus 1.

(3) The 65th Armd FA Bn (SP), initially attached to the 4th Inf Div, will pass to the control of the 101st AB Div on D-day by mutual arrangement with the 4th Inf Div. It will be prepared to furnish general artillery support from beach positions.

x. (1) S-3 reports will be submitted to reach this Headquarters at 2200 daily by Inf Regiments, Div Arty, 81st AB AA Bn, 326th AB Engr Bn, and separate companies.

(2) For interruption of enemy communication installations see Annex No. 5b.

4. See Administrative Order No. 1.

5. a. (1) See Annex No. 6a and 6b Signal.

(2) Signal Operations Instructions (Assault) Index 1 - 1 will become effective at J-Hour.

(3) Signal Operations Instructions (Reference) Index 1 - 1 will be effective at 0001B, D plus 4.

b. CP's:

- VII Corps Afloat --- USS BAYFIELD
- Alternate Hq --- LCI (L) No. 419
- VII Corps Ashore --- LOUVRES (3896) after 1800 D plus 1
- 4th Inf Div --- ST. MARTIN DE VARREVILLE (4098)
- 82nd AB Div --- Vicinity LA FORET (14795)
- 101st AB Div --- HIBSVILLE (387922)(tentative)
- 501st Prcht Inf --- CAQUERIE (349952)(tentative)
- 502nd Prcht Inf --- KERVILLE (400749)(tentative) 380969
- 506th Prcht Inf --- ST. MARTIN (400749)(tentative) 396933
- 327th Cli Inf --- STE MARIE-DU-MONT (4192)(tentative)
- Div Serv Area --- SEBEVILLE (3794)(tentative)

c. Radio Silence.

(1) Airborne elements will break Radio Silence upon landing.  
(2) At H minus 40 or after, Radio Silence may be relaxed by Unit Commanders of Seaborne Elements within approximately twelve (12) miles to Seaward of beaches, unless otherwise prohibited.

d. Axis of Signal Communication:

VII Corps: LOUVRES - STE-MERIE-EGLISE - MONTEBOURG - VALOGNES.

4th Inf Div: ST-MARTIN DE VARREVILLE - BANDLENVILLE - MONTEBOURG - VALOGNES.

e. FMC Group APP will be sent immediately upon capture of strongpoint and battery at ST-MARTIN DE VARREVILLE.

P 3

P 4  
Admin. +  
Logistics  
(Sep Annex)

P 5  
Communication  
+  
Command  
(also has sep  
annex)

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FO No. 1 Hq 101st AB Div APO 472, U. S. Army 18 May 1944 Cont'd

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ANNEXES:

- Annex No. 1 - Intelligence
- Annex No. 2 - Air Movement Table
- Annex No. 2a - Landing Table (Seaborn)
- Annex No. 2b - Beach Control - Seaborn Echelon
- Annex No. 3 - Operations
- Annex No. 3a - Operations
- Annex No. 3b - Landing and Drop Zones
- Annex No. 4 - Plan of Coordination - Artillery, Air, Naval Gunfire
- Annex No. 5 - Engineer
- Annex No. 6 - Signal
- Annex No. 7 - Employment of Glider Pilots

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603rd QM Gr Co	1	Copy No. 119

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## Operation Neptune Paragraft Five OPORD

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THIS SIGNAL ANNEX WILL BE DIVIDED INTO TWO PARTS:

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- a. Signal Annex No. 6A: Communications within the United Kingdom to Departure Airfields.
- b. Signal Annex No. 6B: Communications on the Continent.

ANNEX NO. 6A TO FO NO. 1.

MAPS: FRANCE 1/50,000; GSGS NO. 4250, SHEETS: LA HAYE DU PUITIS (6 E/5),  
FRONTIERS (5 F/2 - 6 F/1), VALOGNES (6 E/3 - 6 E/4).

1. a. Enemy Situation - See Intelligence Annex No. 1.  
b. Friendly Situation - See Operations Annex No. 3.
2. a. Telephone and teleprinter will be the primary means of communication within the United Kingdom supplemented by facilities. See Appendices Ee. 1 and 2.  
b. Radio will be the supplementary means of communication - See Appendix No. 3.
3. a. 101st Airborne Signal Company.
  - (1) Message Center.
    - (a) Message Center at Greenham Lodge will operate continuously.
    - (b) SIGABE will be used for cryptographic communications with Divisions and Higher Headquarters in the United Kingdom.
    - (c) The Converter M-209 will be used for cryptographic communications with Division Forward Echelon.
    - (d) Cipher Key List for the Converter M-209 of the 101st Airborne Division will be used for traffic with Forward Echelon of VII Corps to include assigned and attached elements thereof.
    - (e) Cipher Key List for the Converter M-209 of the IX Troop Carrier Command will be used for traffic with their Headquarters.
    - (f) Contact with Forward Elements of First U. S. Army will be through the Army Signal Center - Plymouth and Portsmouth.
  - (2) Messenger Communication.
    - (a) Special Mounted Messenger service will be maintained between Division Rear Echelon Headquarters and Departure Airfields.
  - (3) Radio Communication.
    - (a) Station will operate in the IX Troop Carrier Command Net at 101st Airborne Division Headquarters in the United Kingdom - See Appendix No. 3 and IX Troop Carrier Command SOI.
    - (b) Station will operate in Division Rear Echelon Net at 101st Airborne Division Headquarters in the United Kingdom - See Appendix No. 3.
  - (4) Wire Communication.
    - (a) Switchboard will operate at Division Rear Echelon Headquarters.
      - (1) One telephone line reserved from Operations Room at Division Rear Echelon Headquarters to Operations Room at IX Troop Carrier Command Advance Headquarters.
    - (b) One telephone line will be installed between the radio set, operating in the TCC Net, and the Division Rear Echelon Message Center.

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- (c) One telephone line will be installed between the Division Rear Echelon Radio Set and the Division ~~Message Center~~ **Rear Echelon Message Center**
- (d) Telephone Directory - See Appendix No. 2.
- (e) Traffic Diagram - See Appendix No. 1.
- (f) Priority of calls - To be announced.
- x. (1) ~~Message Center~~ **Message for Rear Echelon Headquarters**
  - (a) Operational ~~Message Center~~ **Message for Rear Echelon Headquarters** will be delivered to the office of the Chief of Staff.
  - (b) All resupply messages will be delivered to office of the Chief of Staff and will be phoned to 101st Airborne Division Liaison Officer at TCC Operations, EASTCOTE.
  - (c) Troop Carrier Command to deliver messages to Headquarters of Units bivouaced at Departure Airfields.
  - (d) 101st Airborne Division Units will provide runners between 101st Airborne Division Unit Headquarters and bivouac area. Rear echelon personnel will be utilized to insure continuous operation.
- (2) ~~Wire~~ **Wire** Communication - See Appendices No. 1 and 2.
  - (a) ~~Wire~~ **Wire** Communication from Departure Airfields to Division Headquarters ~~Rear Echelon~~ **Rear Echelon** will be maintained in continuous operation.
  - (b) Telephone extensions at Troop Carrier Airfields of each Troop Carrier Wing will be numbered identically within Wings.
    1. Extension Numbers - See Appendix No. 1.
    2. Units will provide personnel to maintain continuous operation of telephone extensions assigned to the Unit at Departure Airfield.
- 4. a. Division Signal Supply and Division Signal ~~Repair~~ **Repair** located at Donnington.
- 5. a. Signal Operations Instructions (Assault) Index No. 1 - 1 will be in effect at J-Hour.
- b. Signal Operations Instructions (Reference) Index No. 1 - 1 will be effective at 0001B, D plus 4.

OFFICIAL:

*M. Miller*  
MILLER  
G-3

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APPENDICES:

- 1 - TC and TCC Traffic Diagram.
- 2 - Telephone Directory.
- 3 - Radio Net (TCC)

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APO 472, U.S. Army  
19 May 1944

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ANNEX NO. }  
6B TO }  
FO NO. 2 }

MAPS: FRANCE 1/50,000, GSGS NO. 4250, SHEETS: LA HAYE DU PUIIS (6 E/5),  
PERIERS (5 F/3 - 6 F/1), VALOGNES (6 E/3 - 6 E/4).

1. a. Enemy Situation - Annex No. 1.
  - b. Friendly Situation - Annex No. 3.
  - c. The 101st Airborne Division, reinforced, will land by air and water on the Cotentin Peninsula beginning at J-Hour on the night of D minus one - D-Day to assist landing of the 4th Infantry Division on Utah Beach.
  - d. Initial CP Ashore:
 

101st A/B Division	HIESVILLE	(387922)	Tentative
501st Pchbt. Inf. Regt.	COQUERIE	(349952)	Tentative
502nd Pchbt. Inf. Regt.	LOUYRES	(389963)	Tentative
506th Pchbt. Inf. Regt.	CULOVILLE	(398919)	Tentative
327th Glider Inf. Regt.	STE MARIE-DU-	(4192)	Tentative
	MONT (vicinity)		
Division Service Area	SEBEVILLE	(3794)	Tentative
	(vicinity)		
2. a. General Plan - Annex No. 3.
  - b. Initially, Radio will be the primary means of Communication within the Division.
  - c. J-Hour is the time of dropping of the first Parachute Serial.
  - d. J-Hour, H-Hour, D-Day will be announced to Units by Officers-Courier.
3. a. 101st Airborne Signal Company.
    - (1) Parachute Echelon.
      - (a) Message Center.
        1. One Message Center Team of eight men will operate Message Center immediately upon landing.
      - (b) Radio Communication - Appendices No. 1 & 2.
      - (c) Wire Communication.
        1. One Wire Team of three men will accompany the 502nd Parachute Infantry Regiment and one Wire Team of three men will accompany the 506th Parachute Infantry Regiment. Immediately upon landing, these Wire Teams will lay one line back to the Division Command Post.

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- 2. Circuit Diagrams - Appendix No. 10.
- (d) Pigeon Communication.
  - 1. Eight Pigeons will be carried.
- (2) Glider Echelon.
  - (a) Message Center.
    - 1. Operation normal.
  - (b) Radio Communication - Appendices No. 1, 4, 6, & 7.
  - (c) Wire Communication - Appendices No. 10, 11 & 12.
  - (d) Pigeon Communication.
    - 1. Sixteen Pigeons will be carried.
- b. 502nd Parachute Infantry Regiment.
  - (1) Radio Nets - Appendices No. 5, 6 & 7.
- c. 506th Parachute Infantry Regiment.
  - (1) Radio Nets - Appendices No. 5, 6 & 7.
- d. 501st Parachute Infantry Regiment, less 3rd Battalion.
  - (1) Radio Nets - Appendices No. 5, 6 & 7.
  - (2) Lay one Wire Circuit to Division CP immediately upon establishment of Regimental CP.
- e. 3rd Battalion, 501st Parachute Infantry Regiment.
  - (1) Communication normal with the following exceptions.
    - (a) Enter Division Command Net. See Appendices 5, 6 & 7.
    - (b) Lay one Wire Circuit to Division CP immediately upon establishment of Battalion CP.
- f. 101st Airborne Division Artillery.
  - (1) Communication normal. See Appendices No. 3, 5, 6, 7 & 8.
  - (2) Lay one Wire Circuit to Division Command Post immediately upon landing. See Appendix No. 10.
- g. 377th Parachute Field Artillery Battalion.
  - (1) Communication normal.
  - (2) Establish liaison with the 502nd Parachute Infantry Regiment immediately upon landing.
- h. 327th Glider Infantry Regiment.
  - (1) Communication normal.

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(b) Prearranged Message Code Group, APP, will signify:

THE STRONG POINT AND BATTERY AT ST. MARTIN DE  
VARREVILLE ARE CAPTURED.

(2) Messenger Communication.

(a) Upon establishment of a CP, each Unit will dispatch two messengers to Division Message Center.

(b) Messenger vehicles will be given FIRST Priority on all roads.

(3) Radio Communication - See Appendices No. 1 & 9.

(a) Guard Net Frequency will be 4290 KC. This frequency will be used by any Units in VII Corps unable to make contact on regularly assigned Frequency.

(b) 1. Radio Silence will be broken upon landing of Parachute Elements.

2. At H minus 40, Radio Silence may be relaxed by Unit Commanders of Seaborne Elements within approximately twelve (12) miles to seaward of beaches, unless otherwise prohibited.

(c) An SCR-300 Contact Net will use Channel 33. This Net will be used in contacting friendly Elements by Division, Regimental and Battalion Headquarters. Elements of 82nd Airborne Division may also report into this Net. Authentication not required unless requested. Mutual recognition Code Word will be, ORANGE.

(d) Elements of the Division may report into Liaison SCR-300 Net of the 87th Chemical Battalion, or Orange Contact Net, using ORANGE Recognition Signals to call for mortar fire.

(e) The Commanding General's Radio Set will enter any Radio Net in the Division.

(f) Upon establishment of 501st and 506th Parachute Regimental Command Net with SCR-284, Liaison Communication with attached Engineer Units will be maintained with SCR-300 Radio.

(g) Reception Organization will establish communication between Beach CP, Beach Assembly Area and Division Assembly Area and establish contact with Division CP. See Appendix No. 13.

(h) The following Units will be standing by in the Division Artillery Command Net:

65th Armored Field Artillery Battalion (Sp).  
4th Division Artillery.  
87th Chemical Battalion.  
VII Corps Artillery.

(4) Wire Communication.

(a) Operation normal.

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- (b) Underground Telephone Cable on the Continent will not be cut but service into Enemy Sectors will be interrupted at Repeater Stations or Telephone Exchanges.
- (c) Precautions: Previous Operations have shown that open wire leads are sometimes heavily mined around the base of pole and under the lead between poles. Booby Traps have also been attached to hanging wires. Inside Plant Facilities of Telephone Exchanges may be booby-trapped.
- (d) Line Route Maps will be submitted by all Units every twelve (12) hours.
- (5) Pigeon Communication.
- (a) Pigeons will be delivered by Division Signal Supply to Units at Departure Airfields, on D minus 1. Basis of Issue will be:
- Eight (8) per Regimental Headquarters.  
Four (4) per Battalion Headquarters.  
Twentyfour (24) Signal Company.
- (b) All Pigeon Messages will be encoded if practicable. Pigeons should be released in pairs with one bird carrying the duplicate copy of Message.
- (c) Immediately upon landing, each Unit will release two Pigeons, giving situation and location at time of landing.
- (6) Visual Communication.
- (a) Yellow and Orange Panels will be used to designate Friendly Troops.
- (b) Orange Flags will designate Friendly Troops.
- (c) Orange Smoke will be used to designate Friendly Troops. Green Smoke will be used to indicate, OK TO LAND HERE. Red Smoke Grenades will be used to indicate a Target.
- (d) Pyrotechnics - Single Yellow Star will be used as ground to ground signal to designate Friendly Troops.
- (e) Three Dots OR Three Bashes, using Signal Lamp, SE-11 or Flashlight, means, I AM FRIENDLY.
- (f) Orange Shoulder Loops will be used in Division to designate Beach Control Guides, ONLY.
4. Arborne Signal Company Bivouac will be in vicinity of Division Command Post.
- a. Division Signal Repair and Division Signal Supply will be located in vicinity of Division CP.
- b. Signal Supplies, including Wire, will be available at Division Signal Supply on D plus 1.
- c. Beach Signal Dump will be located at 409953 and initially will be under control of 1st Engineer Special Brigade.

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TOP SECRET - BIGOT NEPTUNE

5. a. Signal Operations Instructions (Assault) Index No. 1 - 1 will be in effect at J-Hour.
- b. Signal Operations Instructions (Reference) Index No. 1 - 1 will be effective at 0001B, D plus 4.
- c. Division Signal Officer may be located through the Division Message Center.

OFFICIAL:

*Millener*

MILLNER

G-3

TAYLOR

APPENDICES:

- 1 - Higher Hq. and Lateral Radio Nets.
- 2 - Radio Sets, Division CP - Precht. Echelon.
- 3 - Artillery Nets - Precht. Echelon.
- 4 - Radio Net - Division CP - Glider Echelon.
- 5 - Division Radio Net - Precht. - D-Day.
- 6 - Division Radio Net - Glider - D-Day.
- 7 - Division Radio Net - 1800, D plus 1.
- 8 - Artillery Net after Glider & Seaborne Landing.
- 9 - Radio Net - 1st Lt.
- 10 - Circuit Diagram - Precht. Echelon, D-Day.
- 11 - Circuit Diagram - 1800, D plus 1.
- 12 - Circuit Diagram - D plus 4.
- 13 - Radio Net - Seaborne Reception Organization.
- 14 - Radio Net - NSFCP.

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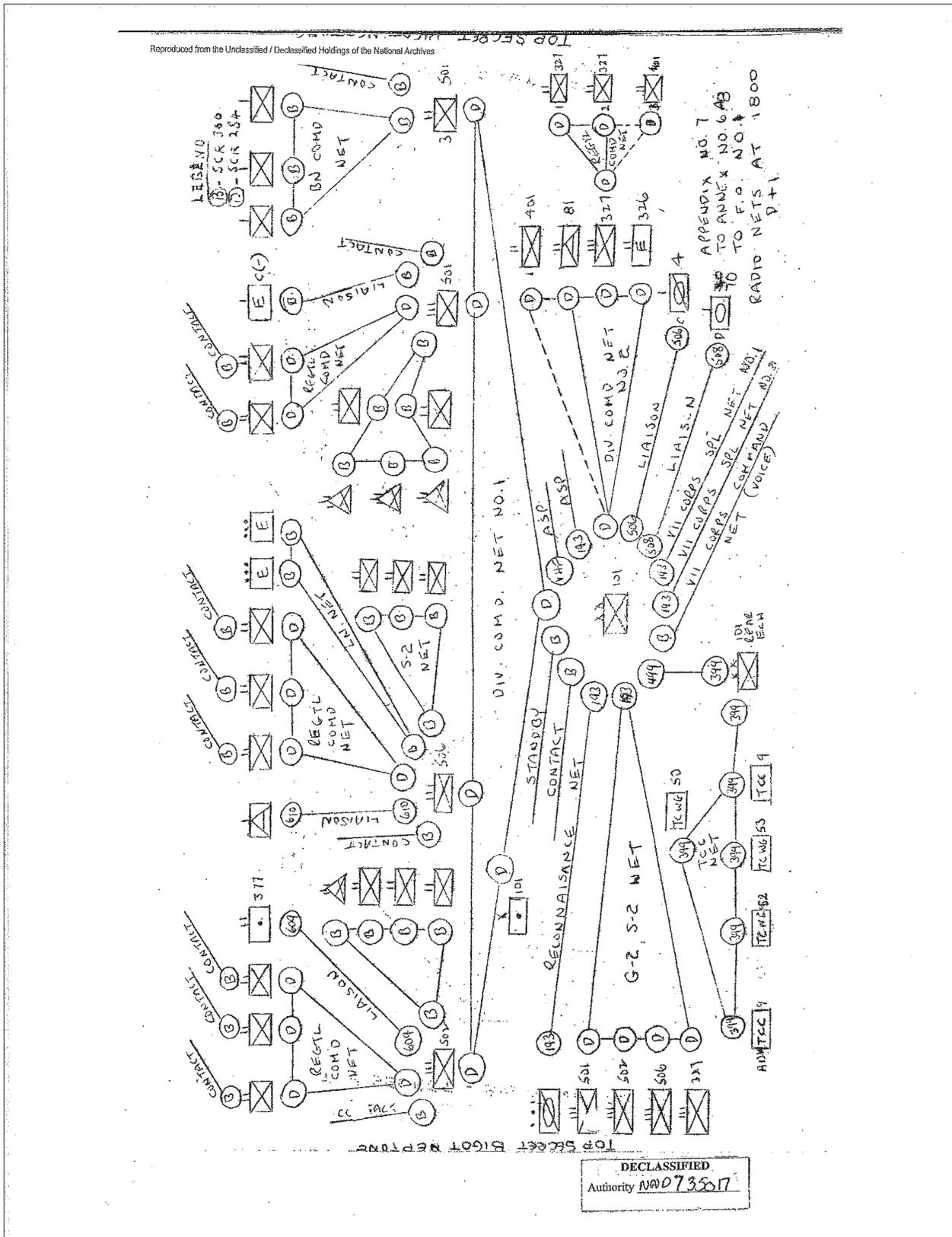
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# Operation Neptune Paragraph Five OPOD

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# OPORD Command and Communications

## Operation Market Garden Paragraph Five OPORD

### Glossary:

- SIGABA - Is a secure means of communication (like having a satellite phone)
- SOI - Signal Operating Instructions (a code book with frequencies, call signs, and passwords)
- CP - Command Post, the headquarters for an army unit
- Net - Radio/communications network
- SCR - Signal Corps Radio - type of radio. SCR300 is a particular model radio produced for the U.S. Army

# Operation Market Garden Paragraph Five OPORD

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.....  
SECRET  
Auth: CG 101 AB Div  
Init: *K.O.M.*  
Date: 14 September 1944  
.....  
Reg No. 2-14-9

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File Copy*

*L-391*

HEADQUARTERS 101ST AIRBORNE DIVISION  
Office of the Division Commander

CLASSIFICATION CHANGED TO: APO 472, S. Army  
14 September 1944  
**CANCELLED**  
BY AUTHORITY OF THE ADJUTANT GENERAL  
*4.0. McPartland Capt ABW*  
DOWNGRADING COMMITTEE 8 May 46

*Pf 1  
Sep. Annex*

FIELD ORDER  
NUMBER 1

- 1. a. Intelligence; see Annex No. 4
- b. (1) First Airborne Division (British) will seize and control bridges across NEDER RIJN at ARNHEM.
- (2) 82nd Airborne Division will seize and control bridges across MAAS and De WAAL Rivers near NIJMEGEN.

*Pf 2  
Mission*

2. a. 101st Airborne Division will land by parachute and glider in daylight on D, D + 1 and D + 2 Days, in the ZON (444254) - VECHTEL (482375) area with the mission of seizing and holding the principal stream and canal crossings at EINDHOVEN (430180), ZON (444254) and VECHTEL (482375) in order to assist the advance of the British 2nd Army northward along the EINDHOVEN - GRAVE (620530) highway. (See Annex No. 3).

b. Composition of Airborne Lifts:

D Day	432 Parachute A/G 70 CG4A Gliders	<i>} merge } same as</i>
D + 1 Day	450 CG4A Gliders	
D + 2 Day	382 CG4A Gliders	

c. For Drop Zones and Landing Zone, see Annex No. 2. For air movement plan, see Annex No. 5.

3. a. D Day lift:

*Pf 3  
Operations -  
Mission of  
Subordinate  
units by  
Day*

(1) 501st Parachute Infantry Regiment with two platoons Company "C", 326th Airborne Engineer Battalion attached, will land on DZ "A" and secure the canal and stream crossings in the VECHTEL (482375) area. (See Annex No. 3)

(2) 506th Parachute Infantry Regiment with one platoon Company "C", 326th Airborne Engineer Battalion and detachment Division Reconnaissance Platoon attached will land on DZ "B". It will secure the three crossings of the WILHELMINA CANAL at ZON (443253) immediately upon landing. It will be prepared to move on EINDHOVEN (430180) within two hours after landing, for the purpose of securing the stream and canal crossings at that point. (See Annex No. 3)

(3) 502nd Parachute Infantry Regiment with Company "C", 326th Airborne Engineer Battalion (less three platoons) attached, will land on DZ "C" and assemble in Division reserve. It will block the ZON (443253) - ST ORDENHOE (412318) road in vicinity of VILLEN BRAKEN (442295) and maintain contact with the 501st and 506th Parachute Infantry Regiments. It will send a detachment to secure the crossings (380244) (390250) of the WILHELMINA CANAL south and southeast of BEST (374266). It will be prepared to take over the bridgehead at ZON (443253) established by 506th Parachute Infantry Regiment and support the latter in its movement on EINDHOVEN (430180)

*D-Day  
D+1  
D+2*

*3101-39*

*Sept 1944 (month)*

*23149-  
master*

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FO #1, Hq 101 AB Div, dated 14 September 1944, cont'd

(4) The glider element of D - Day lift will land on LZ "W" and move to areas as shown in Annex No. 2a (Glider Assembly Plan). The Division Reconnaissance Platoon, less detachment, will be prepared to push reconnaissance toward SCHLIMMEL (406382) - BEST (374266) and LIESHOUT (514270).

b. D / 1 and D / 2 day lifts: Units of these lifts will land on glider landing zone "W" as shown in Annex No. 2. They will assemble as shown on Annex No. 2a and await orders.

x. (1) The bridges in the VEGHEL (481376) and ZON (443253) areas will be seized with maximum speed immediately upon landing by the responsible parachute regiment. The most conveniently placed small group will rush these bridges without waiting for the assembly of large elements.

(2) All bridges and signal communications in the area will be preserved for the use of our own troops.

(3) The Division Artillery Commander is responsible for calls for support from British artillery and combat aviation.

(4) The 502nd Parachute Infantry Regiment is charged with securing LZ "W" for the D - Day glider lift.

(5) Colonel Thomas Sherburne, Division Artillery, is charged with the reception of glider elements upon landing zone "W".

(6) All locks and water ways in the area will be maintained in working order.

(7) All ferries, barges, etc., not actually in use by the Division will be brought to the south bank of streams to make them available for XXX Corps if required.

(8) Roads will be kept free of troops and vehicles of the Division after ground contact is made to permit the rapid transit of XXX Corps.

(9) Employment of glider pilots will be the same as for operation "LINNET".

(10) Mines will be laid only under Engineer supervision and will be carefully recorded. Our own and enemy mine fields will be reported at once to Division.

4. a. Administrative order same as for "LINNET".

b. Gas masks will be carried.

5. a. Signal Annex (Annex No. 4)

b. Tentative Command Posts

Unit	Coordinates
Corps	
82nd Airborne Division	
Division and Division Artillery	(442269)
501st Parachute Infantry Regiment	(477375)
502nd Parachute Infantry Regiment	(440281)
506th Parachute Infantry Regiment	(443257)
327th Glider Infantry Regiment	(435269)

c. Orange or yellow flags, panels, or smokes will be used to identify friendly troops.

For the Commanding General:

*R. D. M. Millemer*

R. D. MILLEMER,  
Lieutenant Colonel, GSC,  
Staff

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FF3  
Cont.

FF5  
Sep Annex  
w/ some  
notes  
here

FF4 -  
Admin +  
Logistics -  
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operation  
"Linnet"

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FO #1, Hq 101 AB Div, dated 14 September 1944, cont.

5 Annexes:

- Annex No. 1 - Intelligence
- Annex No. 2 - Drop Zones and Landing Zone
- Annex No. 2a - Glider Assembly Areas
- Annex No. 3 - Operations
- Annex No. 4 - Signal Annex
- Annex No. 5 - Air Movement Table

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ANNEX NO. 4  
TO FO NO. 1)TOP SECRET  
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HEADQUARTERS, 101ST A/B DIVISION  
APO 42, U. S. ARMY  
14 SEPTEMBER 1944

1.
  - a. Intelligence - Annex No. 1.
  - b. Friendly Situation - British Airborne Corps will land ahead of British Second Army to assist its advance Northward.
  - c. 101st Airborne Division will land by parachute and glider in daylight on D, D + 1 and D + 2 Days, in the ZON (444254) VECHSEL (482375) area with the principal mission of siezing and holding the principal stream and canal crossings at EINDHOVEN, (430180), ZON (444254) and VECHSEL (482375) in order to assist the advance of the British Second Army northward along the EINDHOVEN - GRAVE (620530) highway.
  - d. Command Posts:
 

A/B Corps	
82nd A/B Division	
Division and Division Artillery	442269
501st Procht Inf Regt	477375
502nd Procht Inf Regt	440281
506th Procht Inf Regt	443257
327th Glider Inf Regt	435269
2.
  - a. General Plan - Annex No. 3
  - b. Initially, radio will be the primary means of communication.
  - c. H - Hour, D - Day will be announced to units by Officer Courier.
3.
  - a. 101st Airborne Signal Company
    - (1) Rear Base
      - (a) Message Center
        1. Operation Normal
        2. SIGABA will be used for cryptographic communication to Units in United Kingdom.
        3. Converter M-209 settings will be used in communication to Forward Echelon.
        4. Special Mounted Messengers will be used between Rear Base Departure Airfields.
        5. Messages calling for resupply will be delivered direct to the Rear Base Com mander.
      - (b) Radio
        1. Will operate station in the Division Rear Base Net at 101st Airborne Division Headquarters in United Kingdom
        2. Operate station in Troop Carrier Command Net.
    - (2) Parachute Echelon
      - (a) Message Center
        1. Operate immediately upon landig.
        2. Code Clerks (Br) furnished by British A/B Corps will encode & decode messages transmitted over 30 Corps - A/B - 101st A/B Division radio net.
        3. Special M-209 settings issued by First Allied Airborne Army will be employed with Converter M-209 in communication to Div Rear Base and to British A/B Corps and laterally to Divisions.
        4. Carry eight (8) pigeons.
      - (b) Radio
        1. Appendix No. 1.
    - (3) Glider Echelon
      - (a) Message Center
        1. Additional personnel available on landing of gliders will augment parachute echelon.
      - (b) Radio
        1. Appendices No. 2, 3, 4.

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SIGNAL ANNEX (CONT'D)

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(c) Wire

1. Appendix No. 5
- b. 502nd Parachute Infantry Regiment
  - (1) Radio Net - Appendices No. 1, 2, 3, & 4.
- c. 506th Parachute Infantry Regiment
  - (1) Radio Net - Appendices No. 1, 2, 3, & 4.
- d. 501st Parachute Infantry Regiment
  - (1) Radio Net - Appendices No. 1, 2, 3, & 4.
- e. 327th Glider Infantry Regiment
  - (1) Radio Net - Appendices No. 3 & 4.
  - (2) Wire. Lay line to Div CP.
- f. 101st Airborne Division Artillery
  - (1) Radio Net - Appendices No. 1, 2, 3, & 4.
- g. 81st Airborne AA & AT Battalion
  - (1) Communication normal
- h. 326th Airborne Engineer Battalion
  - (1) Radio Net - Appendices No. 1, 2, 3, & 4.
- i. Pathfinders - Drop Zones & Landing Zone will be marked as follows

	Panels	White Letter	Smoke
DZ "A"	Red	"A"	Green
DZ "B"	White	"B"	Red
DZ "C"	Yellow	"C"	Violet
LZ "W"	White	"W"	Red

- X (1) Message Center
  - a. Special M-209 settings issued by First Allied Airborne Army will be used for cryptographic communication to British Airborne Corps and to Division Rear Base Headquarters lateral divisions.
  - (2) Messenger Communication
    - a. Upon establishment of a CP, each unit will dispatch two messengers to Division Message Center
  - (3) Radio Communication
    - a. Radio Set SCR-300 will be employed on Channel 33 for contact with forward elements of 30 British Corps & to 82nd A/B Div.
    - b. Radio Set SCR-694 will stand by on listening watch on Division Guard Wave of 4050 Kcs. Any station unable to establish contact on regularly assigned frequencies, will enter this net.
    - c. All Code Signs and Code Keys will change at 0200B hours.
    - d. CCRF 0122 (A6) will be used for authentication on radio nets to Rear of Division and to Lateral Divisions.
    - e. Identical replay, authentication, slidex, PNC and M-209 settings will be used by 101st and 82nd Airborne Division for period D - Day thru D + 2.
4. Pigeon Communication
  - a. Pigeons will be drawn from Division Signal Supply in the following basis: Eight (8) per Regimental Headquarters, Twenty-four (24) Signal Company
  - b. All pigeon messages will be encoded if practicable. Pigeons should be released in pairs with one bird carrying the duplicate copy of message.
  - c. Messages released by Pigeon from continent will be addressed to Headquarters XVIII Corps (Rear).
  - d. Two Pigeons will be released immediately upon landing.
5. Visual Communication
  - a. Yellow and Orange Flags and Panels will be used to designate friendly troops.
  - b. Indication of our own positions will be by means of fluorescent panels and ground strips will be kept displayed unless enemy aircraft are active. Friendly aircraft may call for indication of our positions by firing a series of white Verrey lights.

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SIGNAL ANNEX (CONT'D)

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- c. Yellow smoke or flares will be used to indicate positions of our own troops to friendly aircraft. Yellow celanese triangles will be used for ground to ground recognition. If available, fluorescent panels will be used to distinguish vehicles to the air.
- 6. General
  - a. Interruption of existing telephone circuits and neutralization of telephone exchanges, cable heads etc., will be carried out by Wire Platoon of Division Co. Destruction of telephone facilities will not be carried out.
  - b. No more than three (3) days Code Sign Extracts, and other Code Keys may be carried on the initial fly-in. Division Signal Co. will carry copies of codes and keys for period after D / 2. Only those extracts of the SOI as are actually required will be carried. Items of the SOI may be carried in garbled form.
  - c. Compromise of any code or cipher must be immediately reported to D S Co.
- (4) a. 101st Airborne Signal Company Bivouac will be in vicinity of Division Command Post.  
b. Division Signal Repair and Division Signal Supply will be located in vicinity of Division Command Post.
- (5) a. Signal Operation Instructions - Index Assault No. 1 - 2 will be in effect at H - Hour.  
c. Signal Operation Instructions - Index Reference No. 1 - 2 will become effective 0200H D / 3.  
e. Division Signal Officer may be located through the Division Message Center.

TAYLOR

OFFICIAL: *Hannah*

HANNAH  
G-3

APPENDICES:

- 1. Radio Nets Initial Phase
- 2. Radio Nets after Glider Landing - D - Day
- 3. Radio Nets D / 1
- 4. Radio Net D / 2
- 5. Circuit Diagram
- 6. Telephone Directory Departure Airfields
- 7. Telephone Traffic Diagrams Departure Airfields

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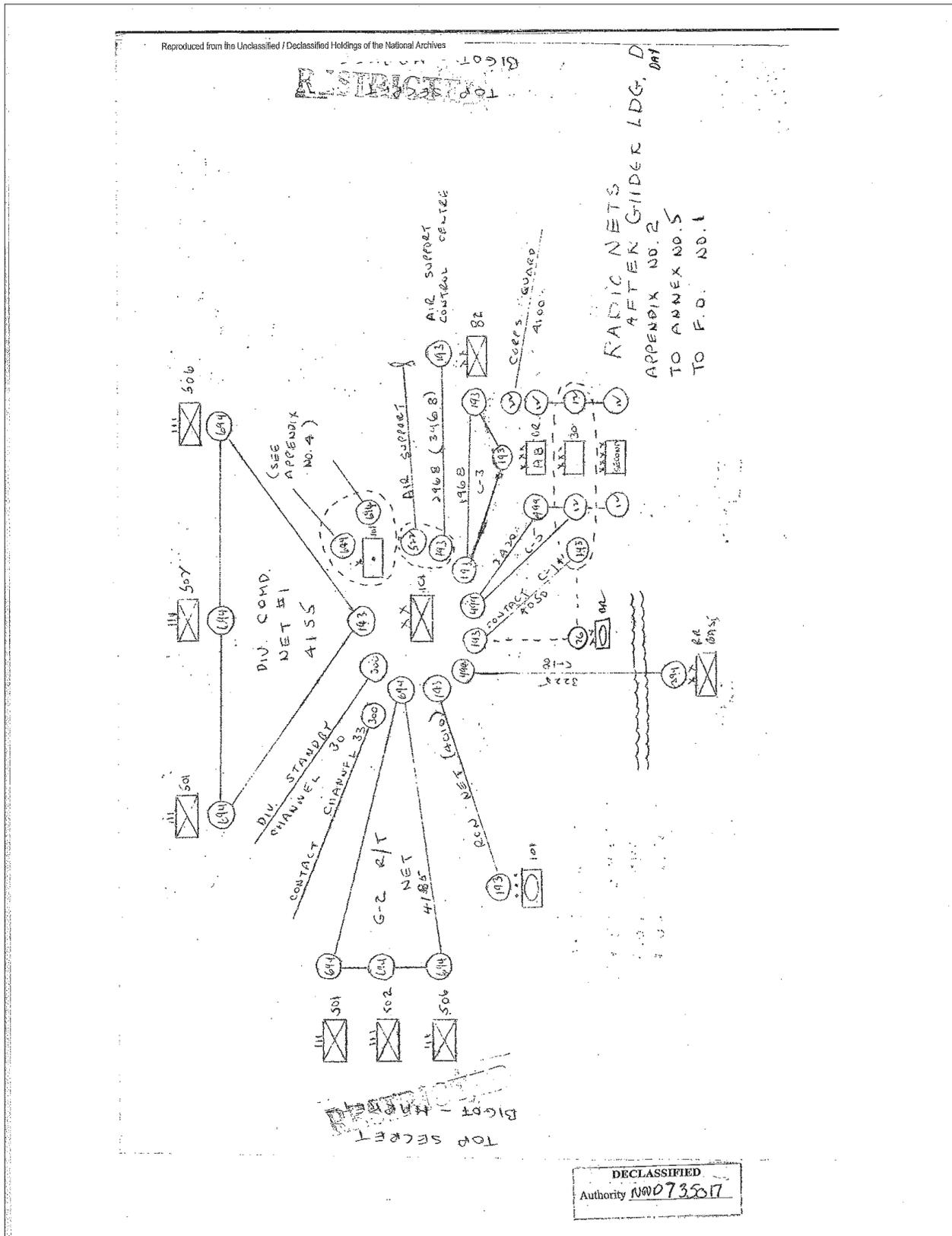
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APPENDIX NO. 7  
TO ANNEX NO. 5  
TO F O NO. 1

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BIGOT MARKET  
TELEPHONE DIRECTORY

UNIT	CODE NAME	DEPARTURE AIRFIELD	CODE NAME	CIVIL TELEPHONE NO.
British A/B Corps	Br. A/B Corps	Harwell	Harwell Transit Camp	
<u>PARACHUTE ECHELON</u>				
501 P. I. (Hq 1 & 2 Bn)	Klondike	Aldermaston	Treetop	Reading 1600
502 P. I. (1-Bn)	Kickoff	Welford	Topmast	Newbury 1460
Div. Hq.	Kangaroo			
Sig Co.	Kilowatt			
101 A/B Div Arty	Kingfish			
326 A/B Eng (Co "G")	Kiwi			
502 P. I. (Hq 2 & 3 Bns)	Kickoff	Greenham	Trojan	Newbury 1415
501 P. I. (3Bn)	Klondike	Chilbolton	Rhapsody	Andover 2287
506 P. I. (3 Bn)	Kidnap			
506 P. I. (Hq 1 & 2 Bn)	Kidnap	Membury	Tranquil	Marlborough 418
<u>GLIDER ECHELON</u>				
321 P.F.A. Bn (entire Unit)	Kansas	Aldermaston	Treetop	Reading 1600
81 AA&AT Bn (Hq&A&B Btrys)	Kentucky			
327 G.I. (IGo. 3 Bn)	Keepsake			
101 A/B Div Arty (Hq)	Kingfish	Welford	Topmast	Newbury 1460
326 A/B Med Co. (entire unit less Hq)	Kindergarden			
377 P.F.A. Bn (Hq&Btrys. A & B)	Kite			
327 G.I. (Hq&3 Bn)	Keepsake	Greenham	Trojan	Newbury 1415
426 Qm. Co. (Hq)	Kitchen			
327 G.I. (1 Bn)	Keepsake	Chilbolton	Rhapsody	Andover 2287
326 A/B Engr (Hq&L&B Co's)	Kiwi			
327 G. I. (2nd Bn)	Keepsake	Membury	Tranquil	Marlborough 418
907 G.F.A. Bn (entire Unit)	Telegram			

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BIGOT MARKET

- 1 -

# Operation Market Garden Paragraph Five OPOD

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APPENDIX NO. 7  
TO ANNEX NO. 5  
OF OPOD NO. 1

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BIGOT MARKET

TELEPHONE DIRECTORY

UNIT	CODE NAME	DEPARTURE AIRFIELD	CODE NAME	CIVIL TELEPHONE NO.
81 AA & AT Bn (Btry C)	Kentucky	Ramsbury	Torpedo	Ramsbury 208
326 A/B Med Co (Hq)	Kindergarden			
101 A/B RCN Platoon (Hq)	King			
Division Hq	Kangaroo			
Signal Co.	Kilowatt			

LIAISON OFFICER	DEPARTURE AIRFIELD	CODE NAME	EXT. NO.	UNIT CO'S EXT.
Lt. Willard	Aldermaston	Treetop	3	505
Lt. Huffman	Welford	Topmast	59	72
Lt. Strobel	Greenham Common	Trojan	402	47
Lt. Iden	Chilbolton	Rhapsody	90	2
Lt. Whitehead	Membury	Tranquil	76	91
Lt. Cosby	Ramsbury	Torpedo	68	82
Capt. McDonald	53rd T.C. Wing Hq	Transfer	119	--

Col. Michaelis      Trojan      401  
 502 Orderly Room    Trojan      402  
 327th Orderly Room   Trojan      46  
 Qm. Co. Orderly Room Trojan      26  
 Lt Col. Carmichael   Treetop    502  
 Maj La Prade        Rhapsody   72  
 Maj Inman            Rhapsody   17  
 Col Harper           Trojan      47  
 Col Cox               Treetop    501

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