

Scenario: Never Were Br-Fr vs A-H Force 1, Allied Fleet

Initial conditions

Wind WSW at 5 knots
Visibility 24,000 yards (48 inches), steady

Table with columns: Unit, Pos (in.), Crs, Spd(ord/max/unit max). Lists units like 1st-Div, 2nd-Div, 1reDivL, 1reEsc, 1-LCS, 1-legere, 11thFlot, 12thFlot, FR-1, FR-2 with their positions and speeds.

Turn 1 06:20 Hrs Real Time 06:39:18 PM 08/12/2019
Visibility 24,000 yards (48 inches), steady

REPORTS

Centaur reports smoke bearing E, about 22 NM
Centaur reports smoke bearing ENE, about 20 NM
Centaur reports smoke bearing ENE, about 23 NM
Sighted 4 funneled cruiser 33N 74E, Crs 240, Spd 20 from Centaur
Visible to opposing side:
1-LCS Centaur
1-LCS Concord

POSITIONS

Table with columns: Unit, Lead, screen, out of form., Pos (in.), Crs, Spd(ord/cur/avg /max/unit). Lists units and their current positions and speeds.

HITS Heavy caliber Medium caliber

Orders for turn 2

Table with columns: Unit, Lead Ship, Crs, Spd, Formation, Primary/Torpedo Target. Lists orders for units like 1st-Div, 2nd-Div, 1reDivL, 1reEsc, 1-LCS, 1-legere.

11thFlot ---- 11th Flot (8) ----- 100 20 Independent none / none
 Station on Invincible bearing 000, 2000 yards
 12thFlot ---- 12th Flot (8) ----- 100 20 Independent none / none
 Station on Invincible bearing 270, 2000 yards
 FR-1 ----- FR-1 (8) ----- 100 20 Independent none / none
 Station on Dunkerque bearing 000, 2000 yards
 FR-2 ----- FR-2 (8) ----- 100 20 Independent none / none
 Station on Dunkerque bearing 090, 2000 yards

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Turn 2 06:25 Hrs Real Time 01:33:06 PM 08/15/2019
 Visibility 24,000 yards (48 inches), steady

REPORTS

Centaur reports smoke bearing ENE, about 20 NM
 Centaur reports smoke bearing E, about 18 NM
 Sighted Salzburg class BC ----- 36N 86E, Crs 240, Spd 20 from Centaur
 Sighted Salzburg class BC ----- 36N 86E, Crs 240, Spd 20 from Centaur
 another ----- 37N 87E, Crs 240, Spd 20
 Sighted Salzburg class BC ----- 37N 87E, Crs 240, Spd 20 from Centaur
 Sighted Arpad class DN ----- 38N 90E, Crs 240, Spd 15 from Centaur
 Sighted Monarch class DN ----- 44N 87E, Crs 240, Spd 15 from Centaur
 another ----- 45N 88E, Crs 240, Spd 15
 Sighted 4 funneled cruiser ----- 25N 76E, Crs 240, Spd 20 from Centaur
 Sighted 4 funneled cruiser ----- 20N 77E, Crs 295, Spd 20 from Centaur
 Visible to opposing side:
 1st-Div ---- Invincible
 1st-Div ---- Indomitable
 1st-Div ---- Inflexible
 1st-Div ---- Indefatigable
 1reDivL ---- Dunkerque
 1-legere ---- Emile Bertin
 1-legere ---- Jean de Vienne
 11thFlot ---- 11th Flot (8)

TARGETING

| Firing Ship | Pos. | Target class | Range yds | Arc | Con | Obstruction |
|---------------------|---------------------|--------------|-----------|-----|-----|-----------------|
| Centaur -----> | Admiral Spaun ----- | | 10,602 | 1 | 2 | Range rate high |
| Concord -----> | Admiral Spaun ----- | | 12,494 | 1 | 2 | Range rate high |
| Emile Bertin -----> | Novara ----- | | 17,948 | 2 | | |

first ship in enemy unit, Salzburg class not under fire

POSITIONS

| Unit | Lead, screen, out of form. | Pos (in.) | Crs | Spd(ord/cur/avg /max/unit) |
|---------------|-------------------------------|-----------|-----|----------------------------|
| 1st-Div ---- | Invincible ----- | 21N 26E | 090 | 25 25 23.0 32 32 |
| 2nd-Div ---- | Nile ----- | 23N 17E | 090 | 20 20 20.0 23 23 |
| 1reDivL ---- | Dunkerque ----- | 14N 24E | 090 | 20 20 20.0 28 28 |
| 1reEsc ---- | Lyon ----- | 15N 16E | 090 | 20 20 20.0 21 21 |
| 1-LCS ----- | Centaur ----- | 33N 44E | 045 | 25 24 22.4 28 28 |
| | 3395 yds Concord ----- | 24N 43E | 053 | 25 25 23.2 28 -- |
| 1-legere ---- | Emile Bertin ----- | 11N 39E | 060 | 29 25 23.2 29 29 |
| | 2544 yds Jean de Vienne ----- | 02N 38E | 065 | 29 26 24.0 29 -- |
| 11thFlot ---- | 11th Flot (8)(8) ----- | 21N 30E | 090 | 25 25 24.2 36 36 |
| 12thFlot ---- | 12th Flot (8)(8) ----- | 25N 26E | 090 | 25 25 24.2 36 36 |
| FR-1 ----- | FR-1 (8)(8) ----- | 14N 28E | 090 | 20 20 20.0 32 32 |
| FR-2 ----- | FR-2 (8)(8) ----- | 10N 24E | 090 | 20 20 20.0 32 32 |

HITS Heavy caliber Medium caliber

Orders for turn 3

| Unit | Lead Ship | Crs | Spd | Formation | Primary/Torpedo Target |
|---------------|-----------------------|-----|-----|-------------------------|------------------------|
| 1st-Div ---- | Invincible ----- | 090 | 25 | Line Ahead | auto / auto |
| 2nd-Div ---- | Nile ----- | 090 | 20 | Line Ahead | auto / auto |
| 1reDivL ---- | Dunkerque ----- | 090 | 20 | Line Ahead | auto / auto |
| 1reEsc ---- | Lyon ----- | 090 | 20 | Line Ahead | auto / auto |
| 1-LCS ----- | Centaur ----- | 060 | 28 | Screen | auto Admir / auto |
| 1-legere ---- | Emile Bertin ----- | 060 | 29 | Screen | auto Novar / auto |
| 11thFlot ---- | 11th Flot (8) ----- | 090 | 25 | Independent | none / auto |
| | Station on Invincible | | | bearing 000, 2000 yards | |

12thFlot ---- 12th Flot (8) ----- 090 25 Independent none / auto
 Station on Invincible bearing 270, 2000 yards
 FR-1 ----- FR-1 (8) ----- 090 20 Independent none / auto
 Station on Dunkerque bearing 000, 2000 yards
 FR-2 ----- FR-2 (8) ----- 090 20 Independent none / auto
 Station on Dunkerque bearing 090, 2000 yards

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 Turn 3 06:30 Hrs Real Time 01:59:56 PM 08/15/2019
 Visibility 24,000 yards (48 inches), steady

REPORTS

Sighted Arpad class DN ----- 38N 90E, Crs 240, Spd 15 from Centaur
 Sighted Arpad class DN ----- 39N 91E, Crs 240, Spd 15 from Centaur
 another ----- 39N 92E, Crs 240, Spd 15
 Sighted Monarch class DN ----- 45N 88E, Crs 240, Spd 15 from Centaur
 another ----- 46N 89E, Crs 240, Spd 15
 Sighted Tegetthoff class DN ----- 30N 94E, Crs 115, Spd 10 from Centaur
 Sighted Tegetthoff class DN ----- 32N 93E, Crs 240, Spd 15 from Centaur
 Sighted Tegetthoff class DN ----- 32N 93E, Crs 240, Spd 15 from Centaur
 another ----- 33N 94E, Crs 240, Spd 15
 Sighted 8 destroyers ----- 42N 85E, Crs 020, Spd 15 from Centaur
 Sighted 8 destroyers ----- 37N 87E, Crs 275, Spd 25 from Centaur
 Sighted 7 destroyers ----- 37N 86E, Crs 325, Spd 15 from Centaur

Visible to opposing side:

2nd-Div ----- Nile
 2nd-Div ----- Namur
 2nd-Div ----- Naseby
 2nd-Div ----- Northumberland
 1reDivL ----- Calais
 1reDivL ----- Cherbourg
 1reDivL ----- Le Havre
 1reEsc ----- Lyon
 1reEsc ----- Lille
 1reEsc ----- Duquesne
 1reEsc ----- Tourville
 12thFlot ---- 12th Flot (8)
 FR-1 ----- FR-1 (8)
 FR-2 ----- FR-2 (8)

TARGETING

| Firing Ship | Pos. | Target class | Range yds | Arc | Con | Obstruction |
|--------------------|------|----------------|-----------|-----|-----|-------------------------|
| Invincible -----> | 1 | Salzburg ----- | 22,411 | 6 | 3 | Concord Range rate high |
| Indomitable -----> | 1 | Salzburg ----- | 23,122 | 6 | 3 | Invincible 2ptsP |
| Inflexible -----> | 1 | Salzburg ----- | 23,835 | 6 | 3 | Indomitable 2ptsP |

third ship in enemy unit, Salzburg class not under fire

POSITIONS

| Unit | Lead, screen, out of form. | Pos (in.) | Crs | Spd(ord/cur/avg /max/unit) |
|---------------|-------------------------------|-----------|-----|----------------------------|
| 1st-Div ----- | Invincible ----- | 21N 34E | 090 | 25 25 25.0 32 32 |
| 2nd-Div ----- | Nile ----- | 23N 24E | 090 | 20 20 20.0 23 23 |
| 1reDivL ----- | Dunkerque ----- | 14N 30E | 090 | 20 20 20.0 28 28 |
| 1reEsc ----- | Lyon ----- | 15N 22E | 090 | 20 20 20.0 21 21 |
| 1-LCS ----- | Centaur ----- | 37N 51E | 060 | 28 26 25.4 28 28 |
| | 2297 yds Concord ----- | 28N 51E | 061 | 25 26 25.8 28 -- |
| 1-legere ---- | Emile Bertin ----- | 15N 46E | 060 | 29 27 26.4 29 29 |
| | 2449 yds Jean de Vienne ----- | 06N 46E | 062 | 29 27 26.8 29 -- |
| 11thFlot ---- | 11th Flot (8)(8) ----- | 21N 38E | 090 | 25 25 25.0 36 36 |
| 12thFlot ---- | 12th Flot (8)(8) ----- | 25N 34E | 090 | 25 25 25.0 36 36 |
| FR-1 ----- | FR-1 (8)(8) ----- | 14N 34E | 090 | 20 20 20.0 32 32 |
| FR-2 ----- | FR-2 (8)(8) ----- | 10N 30E | 090 | 20 20 20.0 32 32 |

HITS Heavy caliber Medium caliber

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 Positions prior to turn 4

| Unit | Ship | Pos (in.) | Crs | Formation |
|---------------|-------------------|-----------|-----|------------|
| 1st-Div ----- | Invincible ----- | 21N 34E | 090 | Line Ahead |
| | Indomitable ----- | 21N 33E | 090 | Line Ahead |
| | Inflexible ----- | 21N 31E | 090 | Line Ahead |

| | | | | | |
|----------|----------------|-------|---------|-----|-------------|
| | Indefatigable | ----- | 21N 30E | 090 | Line Ahead |
| 2nd-Div | Nile | ----- | 23N 24E | 090 | Line Ahead |
| | Namur | ----- | 23N 22E | 090 | Line Ahead |
| | Naseby | ----- | 23N 21E | 090 | Line Ahead |
| | Northumberland | ----- | 23N 19E | 090 | Line Ahead |
| 1reDivL | Dunkerque | ----- | 14N 30E | 090 | Line Ahead |
| | Calais | ----- | 14N 29E | 090 | Line Ahead |
| | Cherbourg | ----- | 14N 27E | 090 | Line Ahead |
| | Le Havre | ----- | 14N 26E | 090 | Line Ahead |
| 1reEsc | Lyon | ----- | 15N 22E | 090 | Line Ahead |
| | Lille | ----- | 15N 21E | 090 | Line Ahead |
| | Duquesne | ----- | 15N 19E | 090 | Line Ahead |
| | Tourville | ----- | 15N 18E | 090 | Line Ahead |
| 1-LCS | Centaur | ----- | 37N 51E | 060 | Screen |
| | Concord | ----- | 28N 51E | 061 | Screen |
| 1-legere | Emile Bertin | ----- | 15N 46E | 060 | Screen |
| | Jean de Vienne | ----- | 06N 46E | 062 | Screen |
| 11thFlot | 11th Flot (8) | ----- | 21N 38E | 090 | Independent |
| 12thFlot | 12th Flot (8) | ----- | 25N 34E | 090 | Independent |
| FR-1 | FR-1 (8) | ----- | 14N 34E | 090 | Independent |
| FR-2 | FR-2 (8) | ----- | 10N 30E | 090 | Independent |

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Orders for turn 4

| Unit | Lead Ship | Crs | Spd | Formation | Primary/Torpedo Target |
|----------|-----------------------|-----|-----|-------------|-------------------------|
| 1st-Div | Invincible | 030 | 30 | Line Ahead | auto Salzb / auto |
| 2nd-Div | Nile | 090 | 20 | Line Ahead | auto / auto |
| 1reDivL | Dunkerque | 100 | 25 | Line Ahead | auto / auto |
| 1reEsc | Lyon | 090 | 20 | Line Ahead | auto / auto |
| 1-LCS | Centaur | 180 | 28 | Line Ahead | auto Novar / auto Salzb |
| 1-legere | Emile Bertin | 060 | 29 | Screen | auto Novar / auto |
| 11thFlot | 11th Flot (8) | 090 | 25 | Independent | none / auto |
| | Station on Invincible | | | | bearing 315, 2000 yards |
| 12thFlot | 12th Flot (8) | 090 | 25 | Independent | none / auto |
| | Station on Nile | | | | bearing 315, 2000 yards |
| FR-1 | FR-1 (8) | 090 | 20 | Independent | none / auto |
| | Station on Dunkerque | | | | bearing 315, 2000 yards |
| FR-2 | FR-2 (8) | 090 | 20 | Independent | none / auto |
| | Station on Lyon | | | | bearing 315, 2000 yards |

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Turn 4 06:35 Hrs Real Time 02:40:53 PM 08/15/2019
Visibility 24,000 yards (48 inches), steady

REPORTS

Sighted 7 destroyers ----- 42N 89E, Crs 320, Spd 15 from Centaur

TARGETING

| Firing Ship | Pos. | Target class | Range yds | Arc | Con | Obstruction |
|---------------|--------|--|-------------|-----|-----|-------------------------------------|
| Invincible | -----> | 1 Salzburg | -----17,543 | 6 | 6 | Admiral Spaun class Range rate high |
| Indomitable | -----> | 1 Salzburg | -----18,163 | 6 | 6 | Invincible 2ptsS Range rate high |
| Inflexible | -----> | 2 Salzburg | -----18,967 | 6 | | Indomitable 2ptsS Range rate high |
| Indefatigable | -----> | 1 Salzburg | -----19,429 | 6 | 6 | Inflexible 2ptsS Range rate high |
| Nile | -----> | 1 Salzburg | -----22,288 | 6 | 6 | Invincible Range rate high |
| Namur | -----> | 1 Salzburg | -----22,968 | 6 | 6 | Nile 2ptsP |
| Naseby | -----> | 1 Salzburg | -----23,652 | 6 | 6 | Namur 2ptsP |
| Emile Bertin | -----> | 2 Novara | -----6,713 | 4 | 4 | |
| | | third ship in enemy unit, Salzburg class not under fire | | | | |
| | | fourth ship in enemy unit, Salzburg class not under fire | | | | |

POSITIONS

| Unit | Lead, screen, out of form. | Pos (in.) | Crs | Spd(ord/cur/avg /max/unit) |
|----------|----------------------------|-----------|-----|----------------------------|
| 1st-Div | Invincible | 28N 39E | 030 | 30 24 23.2 32 32 |
| 2nd-Div | Nile | 23N 31E | 090 | 20 20 20.0 23 23 |
| 1reDivL | Dunkerque | 12N 38E | 100 | 25 24 22.8 28 28 |
| 1reEsc | Lyon | 15N 29E | 090 | 20 20 20.0 21 21 |
| 1-LCS | Centaur | 32N 52E | 180 | 28 22 20.4 28 28 |
| | 821 yds Concord | 34N 53E | 090 | 25 21 22.2 28 -- |
| 1-legere | Emile Bertin | 20N 54E | 060 | 29 28 27.6 29 29 |

| | | | | | | | | | |
|----------|------------------|-------|---------|-----|----|----|------|----|----|
| 2375 yds | Jean de Vienne | ----- | 11N 54E | 061 | 29 | 28 | 28.0 | 29 | -- |
| 11thFlot | 11th Flot (8)(8) | ----- | 30N 38E | 000 | 36 | 25 | 23.0 | 36 | 36 |
| 12thFlot | 12th Flot (8)(8) | ----- | 26N 33E | 090 | 20 | 17 | 20.8 | 36 | 36 |
| FR-1 | FR-1 (8)(8) | ----- | 15N 41E | 100 | 25 | 23 | 21.2 | 32 | 32 |
| FR-2 | FR-2 (8)(8) | ----- | 17N 31E | 004 | 32 | 24 | 21.2 | 32 | 32 |

HITS Heavy caliber Medium caliber
 1 Salzburg class ----- 1 hit, 1 total

Orders for turn 5

| Unit | Lead Ship | Crs | Spd | Formation | Primary/Torpedo Target |
|----------|-----------------------|-----|-----|-------------------------|-------------------------|
| 1st-Div | Invincible | 020 | 30 | Line Ahead | auto Salzb / auto Salzb |
| 2nd-Div | Nile | 090 | 20 | Line Ahead | auto Salzb / auto Salzb |
| 1reDivL | Dunkerque | 080 | 28 | Line Ahead | auto / auto |
| 1reEsc | Lyon | 090 | 20 | Line Ahead | auto / auto |
| 1-LCS | Centaur | 300 | 25 | Line Ahead | auto Novar / auto Salzb |
| 1-legere | Emile Bertin | 300 | 15 | Screen | auto Novar / auto Arpad |
| 11thFlot | 11th Flot (8) | 000 | 36 | Independent | none / auto |
| | Station on Invincible | | | bearing 315, 2000 yards | |
| 12thFlot | 12th Flot (8) | 090 | 20 | Independent | none / auto |
| | Station on Nile | | | bearing 315, 2000 yards | |
| FR-1 | FR-1 (8) | 100 | 25 | Independent | none / auto |
| | Station on Dunkerque | | | bearing 315, 2000 yards | |
| FR-2 | FR-2 (8) | 004 | 32 | Independent | none / auto Salzb |
| | Station on Lyon | | | bearing 315, 2000 yards | |

Turn 5 06:40 Hrs Real Time 03:20:18 PM 08/15/2019
 Visibility 24,000 yards (48 inches), steady

REPORTS

Invincible avoiding torpedoes (toward)
 Indomitable avoiding torpedoes (toward)
 Inflexible avoiding torpedoes (toward)
 Indomitable combing torpedoes (toward)
 Invincible combing torpedoes (toward)

TARGETING

| Firing Ship | Pos. | Target class | Range yds | Arc | Con | Obstruction |
|----------------|--------|-----------------|-------------|-----|-----|--------------------------------|
| Invincible | -----> | 1 Salzburg | -----13,837 | 6 | 2 | Range rate high |
| Indomitable | -----> | 2 Salzburg | -----14,286 | 6 | 2 | Salzburg class Range rate high |
| Inflexible | -----> | 3 Salzburg | -----14,906 | 6 | 2 | Invincible Range rate high |
| Indefatigable | -----> | 4 Salzburg | -----16,144 | 6 | 3 | Inflexible Range rate high |
| Nile | -----> | 1 Salzburg | -----19,672 | 6 | 2 | |
| Namur | -----> | 2 Salzburg | -----20,091 | 6 | 2 | Nile 2ptsP |
| Naseby | -----> | 3 Salzburg | -----20,584 | 6 | 2 | Namur 2ptsP |
| Northumberland | -----> | 4 Salzburg | -----21,213 | 6 | 3 | Naseby 2ptsP Range rate high |
| Dunkerque | -----> | 4 Salzburg | -----19,541 | 4 | 3 | Smokescreen |
| Centaur | -----> | 1 Novara | -----6,914 | | 4 | |
| Concord | -----> | 1 Novara | -----6,308 | | 4 | |
| Emile Bertin | -----> | 2 Novara | -----8,749 | | 3 | |
| 11th Flot (8) | -----> | 4 Admiral Spaun | -----8,922 | | 2 | |

first ship in enemy unit, Arpad class not under fire
 second ship in enemy unit, Arpad class not under fire
 third ship in enemy unit, Arpad class not under fire
 fourth ship in enemy unit, Arpad class not under fire
 first ship in enemy unit, Monarch class not under fire
 second ship in enemy unit, Monarch class not under fire
 third ship in enemy unit, Monarch class not under fire
 fourth ship in enemy unit, Monarch class not under fire
 first ship in enemy unit, Tegetthoff class not under fire

POSITIONS

| Unit | Lead, screen, out of form. | Pos (in.) | Crs | Spd(ord/cur/avg /max/unit) |
|---------|----------------------------|-----------|-----|----------------------------|
| 1st-Div | Invincible | 34N 44E | 020 | 30 23 24.6 32 32 |
| | 1222 yds Indefatigable | 31N 40E | 069 | 30 26 24.0 32 -- |
| 2nd-Div | Nile | 23N 37E | 090 | 20 20 20.0 23 23 |
| 1reDivL | Dunkerque | 14N 46E | 080 | 28 26 25.4 28 28 |
| 1reEsc | Lyon | 15N 36E | 090 | 20 20 20.0 21 21 |

| | | | | | | | | | | |
|----------|----------|------------------|-------|---------|-----|----|----|------|----|----|
| 1-LCS | ----- | Centaur | ----- | 33N 47E | 300 | 25 | 21 | 19.2 | 28 | 28 |
| | 531 yds | Concord | ----- | 32N 49E | 293 | 25 | 15 | 15.0 | 28 | -- |
| 1-legere | ---- | Emile Bertin | ----- | 23N 51E | 300 | 15 | 15 | 17.2 | 29 | 29 |
| | 5472 yds | Jean de Vienne | ----- | 19N 52E | 346 | 29 | 25 | 24.6 | 29 | -- |
| 11thFlot | ---- | 11th Flot (8)(8) | ----- | 38N 42E | 020 | 30 | 23 | 28.2 | 36 | 36 |
| 12thFlot | ---- | 12th Flot (8)(8) | ----- | 26N 40E | 090 | 20 | 20 | 19.6 | 36 | 36 |
| FR-1 | ----- | FR-1 (8)(8) | ----- | 17N 49E | 080 | 28 | 28 | 27.2 | 32 | 32 |
| FR-2 | ----- | FR-2 (8)(8) | ----- | 18N 39E | 090 | 20 | 20 | 22.4 | 32 | 32 |

HITS Heavy caliber Medium caliber
 3 Salzburg class ----- 1 hit, 1 total

Orders for turn 6

| Unit | Lead Ship | Crs | Spd | Formation | Primary/Torpedo Target | |
|----------|-----------|-----------------------|-------|-----------|-------------------------|-------------------------|
| 1st-Div | ----- | Invincible | ----- | 315 30 | Line Ahead | auto Salzb / auto Salzb |
| 2nd-Div | ----- | Nile | ----- | 020 20 | Line Ahead | auto Salzb / auto |
| 1reDivL | ----- | Dunkerque | ----- | 020 26 | Line Ahead | Monarch / auto Salzb |
| 1reEsc | ----- | Lyon | ----- | 090 20 | Line Ahead | auto / auto Salzb |
| 1-LCS | ----- | Centaur | ----- | 300 28 | Line Ahead | auto Novar / auto |
| 1-legere | ---- | Emile Bertin | ----- | 300 15 | Line Ahead | auto Novar / auto |
| 11thFlot | ---- | 11th Flot (8) | ----- | 020 30 | Independent | Admiral Spaun / auto |
| | | Station on Invincible | | | bearing 315, 2000 yards | |
| 12thFlot | ---- | 12th Flot (8) | ----- | 090 20 | Independent | none / auto |
| | | Station on Nile | | | bearing 315, 2000 yards | |
| FR-1 | ----- | FR-1 (8) | ----- | 080 28 | Independent | none / auto |
| | | Station on Dunkerque | | | bearing 315, 2000 yards | |
| FR-2 | ----- | FR-2 (8) | ----- | 090 20 | Independent | none / auto |
| | | Station on Lyon | | | bearing 315, 2000 yards | |

Turn 6 06:45 Hrs Real Time 01:35:43 PM 08/20/2019
 Visibility 24,000 yards (48 inches), steady

REPORTS

TARGETING

| Firing Ship | Pos. | Target class | Range yds | Arc | Con | Obstruction |
|----------------|--------|-----------------|-----------|--------|-----|-----------------------------|
| Invincible | -----> | 1 Salzburg | ----- | 14,312 | 3 | |
| Indomitable | -----> | 2 Salzburg | ----- | 14,120 | | Centaur |
| Inflexible | -----> | 3 Salzburg | ----- | 13,914 | | Indomitable |
| Indefatigable | -----> | 4 Salzburg | ----- | 13,687 | 6 | Inflexible 3ptsS |
| Nile | -----> | 1 Salzburg | ----- | 18,521 | 6 | 3 Indefatigable |
| Namur | -----> | 1 Arpad | ----- | 22,219 | 6 | Nile Range rate high |
| Naseby | -----> | 2 Arpad | ----- | 22,986 | 6 | Namur 3ptsS Range rate high |
| Northumberland | -----> | 1 Salzburg | ----- | 20,707 | 6 | 3 Naseby 3ptsS |
| Centaur | -----> | 1 Novara | ----- | 9,554 | 3 | Invincible |
| Concord | -----> | 2 Novara | ----- | 8,380 | 3 | |
| Emile Bertin | -----> | 3 Novara | ----- | 11,896 | 3 | |
| Jean de Vienne | -----> | 4 Admiral Spaun | ----- | 11,351 | 3 | Emile Bertin 3ptsS |

third ship in enemy unit, Arpad class not under fire
 fourth ship in enemy unit, Arpad class not under fire

POSITIONS

| Unit | Lead, screen, out of form. | Pos (in.) | Crs | Spd(ord/cur/avg /max/unit) | |
|----------|----------------------------|------------------|-------|----------------------------|----------------------|
| 1st-Div | ----- | Invincible | ----- | 28N 49E | 315 30 21 19.4 32 32 |
| | 342 yds | Inflexible | ----- | 26N 52E | 314 30 14 16.6 32 -- |
| 2nd-Div | ----- | Nile | ----- | 19N 49E | 020 20 18 17.2 23 23 |
| 1reDivL | ----- | Dunkerque | ----- | 11N 59E | 020 26 23 22.4 28 28 |
| 1reEsc | ----- | Lyon | ----- | 05N 52E | 090 20 20 20.0 21 21 |
| 1-LCS | ----- | Centaur | ----- | 27N 50E | 300 28 26 24.8 28 28 |
| | 1138 yds | Concord | ----- | 26N 53E | 299 25 25 21.0 28 -- |
| 1-legere | ---- | Emile Bertin | ----- | 15N 56E | 300 15 15 15.0 29 29 |
| 11thFlot | ---- | 11th Flot (8)(8) | ----- | 29N 45E | 315 30 18 20.6 36 36 |
| 12thFlot | ---- | 12th Flot (8)(8) | ----- | 22N 48E | 020 20 17 18.6 36 36 |
| FR-1 | ----- | FR-1 (8)(8) | ----- | 15N 57E | 020 26 20 21.2 32 32 |
| FR-2 | ----- | FR-2 (8)(8) | ----- | 08N 55E | 090 20 20 20.0 32 32 |

HITS Heavy caliber Medium caliber
 Invincible ----- 1 hit, 1 total

Inflexible ----- 1 hit, 1 total
 1 Salzburg class ----- 6 hits, 7 total
 2 Salzburg class ----- 1 hit, 1 total
 3 Salzburg class ----- 1 hit, 2 total
 4 Salzburg class ----- 1 hit, 1 total

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 Orders for turn 7

| Unit | Lead Ship | Crs | Spd | Formation | Primary/Torpedo Target |
|----------|-----------------------|-----|-----|--------------|-------------------------|
| 1st-Div | Invincible | 340 | 30 | Line Ahead | auto Salzb / auto Salzb |
| 2nd-Div | Nile | 000 | 20 | Line Ahead | auto Salzb / auto Arpad |
| 1reDivL | Dunkerque | 000 | 26 | Line Ahead | Monarch / auto Monar |
| 1reEsc | Lyon | 000 | 20 | Line Ahead | auto / auto |
| 1-LCS | Centaur | 300 | 28 | Line Ahead | auto Novar / auto |
| | Station on Nile | | | bearing 000, | 2000 yards |
| 1-legere | Emile Bertin | 300 | 15 | Line Ahead | auto Novar / auto |
| | Station on Dunkerque | | | bearing 000, | 4000 yards |
| 11thFlot | 11th Flot (8) | 315 | 30 | Independent | none / auto |
| | Station on Invincible | | | bearing 315, | 2000 yards |
| 12thFlot | 12th Flot (8) | 020 | 20 | Independent | none / auto |
| | Station on Nile | | | bearing 315, | 2000 yards |
| FR-1 | FR-1 (8) | 020 | 26 | Independent | none / auto |
| | Station on Dunkerque | | | bearing 315, | 2000 yards |
| FR-2 | FR-2 (8) | 090 | 20 | Independent | none / auto Arpad |
| | Station on Lyon | | | bearing 315, | 2000 yards |

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 Turn 7 06:50 Hrs Real Time 02:06:29 PM 08/20/2019
 Visibility 24,000 yards (48 inches), steady

REPORTS

TARGETING

| Firing Ship | Pos. | Target class | Range yds | Arc | Con | Obstruction |
|----------------|------|---------------|-----------|-----|-----|---------------------------------|
| Invincible | 1 | Salzburg | 13,015 | | 2 | |
| Indomitable | 2 | Salzburg | 13,593 | | | Salzburg class |
| Inflexible | 3 | Salzburg | 14,116 | | | Salzburg class |
| Indefatigable | 4 | Salzburg | 14,218 | | | Inflexible 3ptsS |
| Nile | 1 | Arpad | 17,907 | | 2 | Range rate high |
| Namur | 2 | Arpad | 18,766 | | | Nile 3ptsS Range rate high |
| Naseby | 1 | Salzburg | 18,490 | 6 | 2 | Namur |
| Northumberland | 1 | Arpad | 19,646 | 6 | 2 | Naseby Range rate high |
| Dunkerque | 1 | Monarch | 16,922 | | | Range rate high |
| Calais | 2 | Monarch | 17,953 | | | Dunkerque 2ptsS Range rate high |
| Cherbourg | 3 | Monarch | 18,914 | 4 | | Calais Range rate high |
| Emile Bertin | 1 | Novara | 13,730 | 2 | 4 | |
| Jean de Vienne | 4 | Admiral Spaun | 12,392 | 2 | 4 | Emile Bertin |

third ship in enemy unit, Arpad class not under fire
 fourth ship in enemy unit, Arpad class not under fire

POSITIONS

| Unit | Lead, screen, out of form. | Pos (in.) | Crs | Spd(ord/cur/avg /max/unit) |
|----------|----------------------------|-----------|-----|----------------------------|
| 1st-Div | Invincible | 36N 46E | 340 | 30 25 23.2 32 32 |
| | 541 yds Indomitable | 33N 47E | 338 | 30 23 21.0 32 -- |
| | 1324 yds Inflexible | 31N 49E | 335 | 30 19 17.0 32 -- |
| | 957 yds Indefatigable | 30N 49E | 335 | 30 19 17.0 32 -- |
| 2nd-Div | Nile | 25N 49E | 000 | 20 20 19.6 23 23 |
| | 292 yds Northumberland | 20N 49E | 004 | 20 19 17.8 23 -- |
| 1reDivL | Dunkerque | 19N 59E | 000 | 26 25 24.6 28 28 |
| | 355 yds Cherbourg | 16N 59E | 002 | 26 24 22.8 28 -- |
| | 405 yds Le Havre | 14N 59E | 003 | 26 24 22.0 28 -- |
| 1reEsc | Lyon | 11N 52E | 000 | 20 16 15.6 21 21 |
| 1-LCS | Centaur | 29N 49E | 000 | 20 15 16.8 28 28 |
| 1-legere | Emile Bertin | 21N 58E | 016 | 27 20 17.0 29 29 |
| 11thFlot | 11th Flot (8)(8) | 38N 43E | 340 | 30 27 23.2 36 36 |
| 12thFlot | 12th Flot (8)(8) | 28N 46E | 000 | 20 20 17.4 36 36 |
| FR-1 | FR-1 (8)(8) | 22N 56E | 000 | 26 26 24.8 32 32 |
| FR-2 | FR-2 (8)(8) | 13N 51E | 314 | 32 22 19.6 32 32 |

HITS Heavy caliber Medium caliber

Invincible ----- 1 hit, 2 total
 Indomitable ----- 1 hit, 1 total
 Inflexible ----- 1 hit, 2 total
 1 Salzburg class ----- 2 hits, 9 total
 2 Salzburg class ----- 1 hit, 2 total
 3 Salzburg class ----- 2 hits, 4 total
 1 Arpad class ----- 1 hit, 1 total

=====
 Orders for turn 8

| Unit | Lead Ship | Crs | Spd | Formation | Primary/Torpedo Target |
|----------|-----------------------|-----|-----|--------------|-------------------------|
| 1st-Div | Invincible | 340 | 24 | Line Ahead | auto Salzb / auto |
| 2nd-Div | Nile | 350 | 18 | Line Ahead | auto Arpad / auto Arpad |
| 1reDivL | Dunkerque | 345 | 24 | Line Ahead | Monarch / auto Monar |
| 1reEsc | Lyon | 000 | 20 | Line Ahead | auto / auto |
| 1-LCS | Centaur | 000 | 20 | Line Ahead | auto Novar / auto |
| | Station on Nile | | | bearing 000, | 2000 yards |
| 1-legere | Emile Bertin | 016 | 27 | Line Ahead | auto Novar / auto |
| | Station on Dunkerque | | | bearing 000, | 4000 yards |
| 11thFlot | 11th Flot (8) | 340 | 30 | Independent | none / auto |
| | Station on Invincible | | | bearing 315, | 2000 yards |
| 12thFlot | 12th Flot (8) | 000 | 20 | Independent | none / auto |
| | Station on Nile | | | bearing 315, | 2000 yards |
| FR-1 | FR-1 (8) | 000 | 26 | Independent | none / auto |
| | Station on Dunkerque | | | bearing 315, | 2000 yards |
| FR-2 | FR-2 (8) | 314 | 32 | Independent | none / auto |
| | Station on Lyon | | | bearing 315, | 2000 yards |

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 Turn 8 06:55 Hrs Real Time 02:31:29 PM 08/20/2019
 Visibility 24,000 yards (48 inches), steady

REPORTS

Naseby bridge hit, turning to port

TARGETING

| Firing Ship | Pos. | Target class | Range yds | Arc | Con | Obstruction |
|----------------|------|--------------|-----------|-----|-----|---------------------------------|
| Invincible | > 1 | Salzburg | 9,872 | | 3 | |
| Indomitable | > 2 | Salzburg | 10,492 | | | Invincible 2ptsS |
| Inflexible | > 3 | Salzburg | 12,080 | | | Salzburg class |
| Indefatigable | > 4 | Salzburg | 12,467 | | | Inflexible 3ptsS |
| Nile | > 1 | Arpad | 14,043 | | 3 | Range rate high |
| Namur | > 2 | Arpad | 14,898 | | | Nile 3ptsS Range rate high |
| Naseby | > 1 | Salzburg | 16,133 | 6 | 3 | Nile |
| Northumberland | > 1 | Salzburg | 16,617 | 6 | 3 | |
| Dunkerque | > 1 | Monarch | 12,978 | | 2 | Range rate high |
| Calais | > 2 | Monarch | 14,248 | | | Dunkerque 3ptsS Range rate high |
| Cherbourg | > 3 | Monarch | 14,582 | | | Calais 3ptsS Range rate high |
| Le Havre | > 4 | Monarch | 15,847 | | | Cherbourg 3ptsS |
| Lyon | > 1 | Arpad | 18,362 | 4 | 3 | Dunkerque Range rate high |
| Lille | > 1 | Monarch | 18,839 | 4 | 2 | Lyon 3ptsS Range rate high |
| Duquesne | > 1 | Arpad | 19,684 | 4 | 3 | Lille 3ptsS |
| Centaur | > 1 | Novara | 11,278 | 1 | 4 | |
| Emile Bertin | > 1 | Novara | 13,323 | 2 | 4 | FR-1 (8) |
| Jean de Vienne | > 3 | Novara | 13,316 | 2 | 3 | Emile Bertin 2ptsS |

third ship in enemy unit, Arpad class not under fire
 fourth ship in enemy unit, Arpad class not under fire
 first ship in enemy unit, Tegetthoff class not under fire
 second ship in enemy unit, Tegetthoff class not under fire
 third ship in enemy unit, Tegetthoff class not under fire
 fourth ship in enemy unit, Tegetthoff class not under fire

POSITIONS

| Unit | Lead, screen, out of form. | Pos (in.) | Crs | Spd(ord/cur/avg /max/unit) |
|---------|----------------------------|-----------|-----|----------------------------|
| 1st-Div | Invincible | 33N 44E | 340 | 24 24 24.0 32 32 |
| | 1641 yds Inflexible | 27N 46E | 338 | 30 24 22.0 32 -- |
| | 1274 yds Indefatigable | 27N 46E | 339 | 30 24 22.0 32 -- |
| 2nd-Div | Nile | 21N 48E | 350 | 18 18 18.2 23 23 |
| | indep. Naseby | 18N 48E | 331 | 18 18 18.2 23 -- |
| 1reDivL | Dunkerque | 17N 57E | 345 | 24 24 24.0 28 28 |

| | | | | | | | | | | |
|----------|-------|------------------|-------|---------|-----|----|----|------|----|----|
| 1reEsc | ----- | Lyon | ----- | 06N 52E | 000 | 20 | 18 | 17.6 | 21 | 21 |
| 1-LCS | ----- | Centaur | ----- | 25N 48E | 350 | 18 | 18 | 17.8 | 28 | 28 |
| 1-legere | ---- | Emile Bertin | ----- | 19N 56E | 347 | 27 | 26 | 24.2 | 29 | 29 |
| 11thFlot | ---- | 11th Flot (8)(8) | ----- | 35N 40E | 340 | 24 | 24 | 24.0 | 36 | 36 |
| 12thFlot | ---- | 12th Flot (8)(8) | ----- | 25N 46E | 000 | 20 | 20 | 20.0 | 36 | 36 |
| FR-1 | ----- | FR-1 (8)(8) | ----- | 21N 56E | 000 | 26 | 26 | 26.0 | 32 | 32 |
| FR-2 | ----- | FR-2 (8)(8) | ----- | 09N 50E | 000 | 20 | 20 | 19.8 | 32 | 32 |

HITS

| | Heavy caliber | Medium caliber |
|------------------|---------------|------------------|
| Invincible | ----- | 2 hits, 4 total |
| Inflexible | ----- | 4 hits, 6 total |
| Indefatigable | ----- | 1 hit, 1 total |
| Naseby | ----- | 1 hit, 1 total |
| Northumberland | ----- | 1 hit, 1 total |
| Dunkerque | ----- | 2 hits, 2 total |
| Cherbourg | ----- | 1 hit, 1 total |
| 1 Salzburg class | ----- | 2 hits, 11 total |
| 2 Salzburg class | ----- | 1 hit, 3 total |
| 3 Salzburg class | ----- | 5 hits, 9 total |
| 4 Salzburg class | ----- | 2 hits, 3 total |
| 1 Arpad class | ----- | 5 hits, 6 total |
| 2 Arpad class | ----- | 1 hit, 1 total |

=====
Orders for turn 9

| Unit | Lead Ship | Crs Spd | Formation | Primary/Torpedo Target |
|----------|-----------|----------------------|-----------|---|
| 1st-Div | ----- | Invincible | ----- | 280 20 Line Ahead auto Salzb / auto |
| 2nd-Div | ----- | Nile | ----- | 280 18 Line Ahead auto Arpad / auto Arpad |
| 1reDivL | ----- | Dunkerque | ----- | 280 18 Line Ahead Monarch / auto Monar |
| 1reEsc | ----- | Lyon | ----- | 000 20 Line Ahead auto Arpad / auto Arpad |
| 1-LCS | ----- | Centaur | ----- | 350 18 Line Ahead auto Novar / auto Arpad |
| | | Station on Nile | | bearing 000, 2000 yards |
| 1-legere | ---- | Emile Bertin | ----- | 347 27 Line Ahead auto Novar / auto |
| | | Station on Dunkerque | | bearing 000, 4000 yards |
| 11thFlot | ---- | 11th Flot (8) | ----- | 340 26 Independent none / auto |
| 12thFlot | ---- | 12th Flot (8) | ----- | 000 20 Independent none / auto Arpad |
| | | Station on Nile | | bearing 315, 2000 yards |
| FR-1 | ----- | FR-1 (8) | ----- | 000 26 Independent none / auto Arpad |
| | | Station on Dunkerque | | bearing 315, 2000 yards |
| FR-2 | ----- | FR-2 (8) | ----- | 000 20 Independent none / auto |
| | | Station on Lyon | | bearing 315, 2000 yards |

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Turn 9 06:60 Hrs Real Time 03:13:53 PM 08/20/2019
Visibility 24,000 yards (48 inches), steady

REPORTS

12th Flot (8) launches torpedoes and turns to southwest
FR-1 (8) launches torpedoes and turns to southwest
Naseby regains steering (unit course and formation orders restored)

TARGETING

| Firing Ship | Pos. | Target class | Range yds | Arc | Con | Obstruction |
|----------------|--------|--------------|-----------|--------|-----|----------------------------------|
| Invincible | -----> | Salzburg | ----- | 10,933 | 3 | Range rate high |
| Indomitable | -----> | 1 Salzburg | ----- | 9,485 | | |
| Inflexible | -----> | 2 Salzburg | ----- | 9,379 | | Indomitable 2ptsS |
| Indefatigable | -----> | 3 Salzburg | ----- | 9,242 | | Salzburg class Range rate high |
| Namur | -----> | 1 Arpad | ----- | 12,798 | 2 | |
| Naseby | -----> | Salzburg | ----- | 14,004 | 3 | Nile 2ptsS |
| Northumberland | -----> | Salzburg | ----- | 13,564 | 6 | 3 |
| Dunkerque | -----> | 1 Monarch | ----- | 12,314 | 2 | Jean de Vienne |
| Calais | -----> | 2 Monarch | ----- | 12,798 | | Dunkerque 2ptsS |
| Cherbourg | -----> | 3 Monarch | ----- | 12,314 | | Calais 2ptsS |
| Le Havre | -----> | 4 Monarch | ----- | 13,057 | 4 | Cherbourg 2ptsS |
| Lyon | -----> | 1 Arpad | ----- | 14,717 | 4 | 2 Cherbourg Range rate high |
| Lille | -----> | 2 Arpad | ----- | 15,593 | 4 | Lyon 3ptsS |
| Duquesne | -----> | 3 Arpad | ----- | 16,479 | 4 | Lille 3ptsS Range rate high |
| Tourville | -----> | 1 Monarch | ----- | 16,083 | 4 | 2 Duquesne 3ptsS Range rate high |
| Centaur | -----> | 2 Novara | ----- | 14,205 | 2 | Salzburg class |
| Emile Bertin | -----> | 3 Novara | ----- | 15,321 | 3 | Novara class |

| | | | | |
|-----------------------|-----------------------|--------|---|-----------------|
| Jean de Vienne -----> | 4 Admiral Spaun ----- | 13,699 | 2 | Range rate high |
| 11th Flot (8) -----> | 3 Novara ----- | 8,766 | 2 | Salzburg class |
| FR-1 (8) -----> | Tatra Destroyer ----- | 8,997 | 7 | Range rate high |

first ship in enemy unit, Tegetthoff class not under fire
 second ship in enemy unit, Tegetthoff class not under fire
 third ship in enemy unit, Tegetthoff class not under fire
 fourth ship in enemy unit, Tegetthoff class not under fire

POSITIONS

| Unit | Lead, screen, out of form. | Pos (in.) | Crs | Spd(ord/cur/avg /max/unit) | | | | |
|---------------|----------------------------|-----------|-----|----------------------------|----|------|----|----|
| 1st-Div ----- | Invincible ----- | 34N 37E | 280 | 20 | 20 | 20.4 | 32 | 32 |
| 2nd-Div ----- | Nile ----- | 22N 43E | 280 | 18 | 17 | 16.0 | 23 | 23 |
| 1reDivL ----- | Dunkerque ----- | 18N 50E | 280 | 18 | 18 | 19.0 | 28 | 28 |
| 1reEsc ----- | Lyon ----- | 13N 52E | 000 | 20 | 20 | 19.2 | 21 | 21 |
| 1-LCS ----- | Centaur ----- | 23N 42E | 251 | 17 | 17 | 17.2 | 28 | 28 |
| 1-legere ---- | Emile Bertin ----- | 19N 48E | 269 | 27 | 24 | 22.0 | 29 | 29 |
| 11thFlot ---- | 11th Flot (8)(8) ----- | 44N 37E | 340 | 36 | 32 | 29.6 | 36 | 36 |
| 12thFlot ---- | 12th Flot (8) reform ----- | 26N 43E | 243 | 20 | 17 | 18.4 | 36 | 36 |
| FR-1 ----- | FR-1 (8)(6) ----- | 23N 54E | 219 | 26 | 18 | 24.4 | 32 | 32 |
| FR-2 ----- | FR-2 (8)(8) ----- | 16N 50E | 000 | 20 | 20 | 20.0 | 32 | 32 |

HITS

| | Heavy caliber | Medium caliber |
|------------------------|------------------|----------------|
| Invincible ----- | 1 hit, 5 total | |
| Indefatigable ----- | 1 hit, 2 total | |
| Naseby ----- | 1 hit, 2 total | |
| Northumberland ----- | 3 hits, 4 total | |
| Calais ----- | 1 hit, 1 total | |
| Le Havre ----- | 1 hit, 1 total | |
| FR-1 (8) medium damage | | |
| Salzburg class ----- | 1 hit, 12 total | |
| 1 Salzburg class ----- | 3 hits, 6 total | |
| 2 Salzburg class ----- | 4 hits, 13 total | |
| 3 Salzburg class ----- | 2 hits, 5 total | |
| 1 Arpad class ----- | 2 hits, 3 total | |
| 2 Monarch class ----- | 2 hits, 2 total | |
| 4 Monarch class ----- | 1 hit, 1 total | |