TACTICAL SURFACE COMBAT

by Chandler Toddahl

The four years of the war in the Pacific was a study of the strengths and weaknesses of the two major navies. The U.S. Navy's Island Chain strategy was successful in preventing the Japanese from advancing further south. However, the U.S. Navy had to fight a long war, and the Japanese had a larger navy. The U.S. Navy was able to maintain a strong presence in the Pacific, but the Japanese were able to launch a surprise attack on Pearl Harbor on December 7, 1941.

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A rough map, this should be done
in the WIP map, this should be done

for each feature, the "feature point"

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**COMMODORE COMMAND**

- **187-1065**

**CONTROLmarkt**

- **Select ship**
- **Select weapon**
- **Select target**
- **Select mode**
- **Select range**

**MISSION**

- **Survive**
- **Destroy enemy ships**
- **Capture objectives**

**SPECIAL INSTRUCTIONS**

- **Avoid enemy ships**
- **Stay close to the target**
- **Use maximum speed**

**RELOADING**

- **All weapons except CT 16, 12, 7-20.**

**YARDAGE COMPARISON**

<table>
<thead>
<tr>
<th>Range</th>
<th>Distance</th>
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<tr>
<td>1-5</td>
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<td>-</td>
<td>4</td>
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<td>6-10</td>
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<td>2</td>
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<td>11-15</td>
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<td>16-20</td>
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**NOTE**

- **All weapons except CT 16, 12, 7-20.**

- **Range**
  - **Surface/underwater target**
  - **Target**

- **Maximum range**
  - **6,000 yards**

**MODIFICATIONS**

- **Add additional armor**
- **Increase engine power**
- **Upgrade weapons**

**COMMENTS**

- **Effective range**
- **High speed**
- **Able to evade enemy ships**
### Key to Illustrations

- **3-2-1** = use day table.
- **Z** = subject number from the day.
- **Z** = no spotter available.

<table>
<thead>
<tr>
<th>Day</th>
<th>Z</th>
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<th>Z</th>
<th>Z</th>
<th>Z</th>
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**Cycle Date**

- Jan. 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30
- Feb. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

**Spotting Table**

<table>
<thead>
<tr>
<th>Day</th>
<th>1-2</th>
<th>3-4</th>
<th>5-6</th>
<th>7-8</th>
<th>9-12</th>
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<tr>
<td>RA NA</td>
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</tbody>
</table>

### Scenarios

1. **Daylight**
   - **Special intervals** are in one on one traction pattern.
   - **OS**: 0-2, 10, 16, 23, 30, 37
   - **O.S.**: 0-1, 7, 14, 21, 28, 35
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37

2. **Night**
   - **Special intervals** are in one on one traction pattern.
   - **OS**: 0-2, 10, 16, 23, 30, 37
   - **O.S.**: 0-1, 7, 14, 21, 28, 35
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37

3. **Rain**
   - **Special intervals** are in one on one traction pattern.
   - **OS**: 0-2, 10, 16, 23, 30, 37
   - **O.S.**: 0-1, 7, 14, 21, 28, 35
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37

4. **Snow**
   - **Special intervals** are in one on one traction pattern.
   - **OS**: 0-2, 10, 16, 23, 30, 37
   - **O.S.**: 0-1, 7, 14, 21, 28, 35
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37

5. **Tornado**
   - **Special intervals** are in one on one traction pattern.
   - **OS**: 0-2, 10, 16, 23, 30, 37
   - **O.S.**: 0-1, 7, 14, 21, 28, 35
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37

6. **Microburst**
   - **Special intervals** are in one on one traction pattern.
   - **OS**: 0-2, 10, 16, 23, 30, 37
   - **O.S.**: 0-1, 7, 14, 21, 28, 35
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37

7. **Megastorm**
   - **Special intervals** are in one on one traction pattern.
   - **OS**: 0-2, 10, 16, 23, 30, 37
   - **O.S.**: 0-1, 7, 14, 21, 28, 35
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37

8. **Low Pressure**
   - **Special intervals** are in one on one traction pattern.
   - **OS**: 0-2, 10, 16, 23, 30, 37
   - **O.S.**: 0-1, 7, 14, 21, 28, 35
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37

9. **High Pressure**
   - **Special intervals** are in one on one traction pattern.
   - **OS**: 0-2, 10, 16, 23, 30, 37
   - **O.S.**: 0-1, 7, 14, 21, 28, 35
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37
   - **S**: 0-9, 16, 23, 30, 37