

RealDistance.com



January 2007 to July 2007

Tactical Performance - Fleet Analysis Report

AVT (Actual Vessel Track) - The actual track steamed by the vessel as reported by daily noon positions or automatic tracking devices.

LDT (Least Distance Track) - The shortest distance between the start and end points of a voyage. This is generally equivalent to the distance given in a marine distance table. However the distance can be increased by the adjustment of user defined settings such as Latitude Limits, Restricted areas, Loadline settings or navigation options. For example, the LDT from Yokohama to Seattle will be longer if the vessel is loaded to summer marks in December.

LTT (Least Time Track) - The track which will permit the voyage to be completed in the least possible time. In situations where the sea surface is calm with no surface currents, the **Least Time Track** equals the **Least Distance Track**. The LTT track is calculated by the use of an isochronal routing engine in conjunction with both empirical speed reduction algorithms and observed performance of the vessel in question.

Maximum Wave Parameters - To calculate vessel performance uniformly, a clear definition of what constitutes bad weather is needed to predict when a vessel must deviate from the Least distance track. Bad weather is defined as maximum wave heights incident on the hull at any point in time. Maximum Wave Parameters can be set to vary with bow angle and are tabulated for every ten degrees of arc.

ALDT(Adjusted Least Distance Track) - The LDT as defined above increased where necessary to avoid weather which exceeds Maximum Wave Parameters.

ALTT(Adjusted Least Time Track) - The LTT as defined above increased where necessary to avoid weather which exceeds Maximum Wave Parameters.

Charter Party Performance - Established performance monitoring technique used to determine whether the vessel performed in accordance with the charter party speed and consumption warranty.

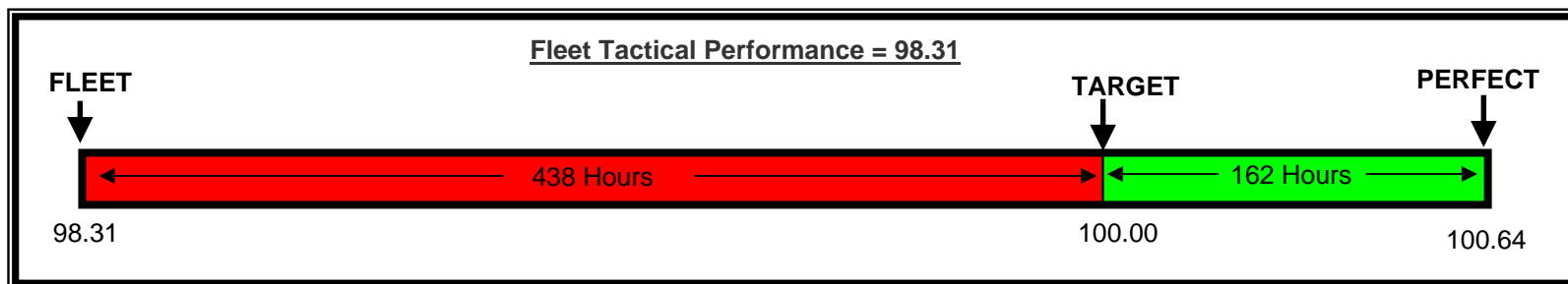
Tactical Performance - A means to assess the overall effectiveness of vessel routing. Tactical Performance is expressed mathematically as:

$$\text{Tactical Performance} = \frac{\text{ALDT hrs}}{\text{AVT hrs}} \times 100$$

Analysis Results

| Fleet | Status |
|--|---------------------|
| Ships Analyzed (Handy Size/Handy Max - Tramping Worldwide) | 22 |
| Voyages Analyzed | 80 |
| Fleet Charter Party Performance | SATISFACTORY |
| Fleet Tactical Performance | OVER BUDGET |

| | Distance n.m | Steaming Time hrs | IFO Cons mt | MDO Cons mt | CO2 mt | Fuel Cost usd | Hire Cost usd |
|--|------------------|-------------------------|-------------------|-------------------|----------------|--------------------|--------------------|
| 1. Actual Vessel Track (AVT) | 334,867 | 25,845 | 24,768 | 1,615 | 83,106 | \$9,557,102 | \$26,921,415 |
| 2. Adjusted Least Time Track (ALTT) | 329,173 | 25,245 | 24,193 | 1,578 | 81,177 | \$9,335,276 | \$26,296,552 |
| 3. Adjusted Least Distance Track (ALDT) - Budget | 327,492 | 25,407 | 24,348 | 1,588 | 81,699 | \$9,395,247 | \$26,465,483 |
| Fleet Totals (ALDT - AVT) | (7,374.3) | (437.7) | (419.5) | (27.4) | (1,407) | (\$161,856) | (\$455,931) |



Maximum Wave Height Parameters

| Maximum Permissible Significant Wave Heights (SWH) | | | | LoadLines | |
|--|-----------------|--------------|---------------------|-------------------------|---|
| <p>Head</p> <p>angle</p> <p>Beam</p> <p>Stern</p> | Head/Beam Seas | | Beam/Following Seas | | <p>LOA > 100 m = YES</p> <p>Loadlines Considered in Simulation = YES</p> |
| | Bow Angle (deg) | Max. SWH (m) | Bow Angle (deg) | Max. SWH (m) | |
| | 0 to 10 | 7.40 | 90 to 100 | 5.00 | |
| | 10 to 20 | 7.40 | 100 to 110 | 5.40 | |
| | 20 to 30 | 7.40 | 110 to 120 | 5.80 | |
| | 30 to 40 | 7.00 | 120 to 130 | 6.20 | |
| | 40 to 50 | 6.60 | 130 to 140 | 6.60 | |
| | 50 to 60 | 6.20 | 140 to 150 | 7.00 | |
| | 60 to 70 | 5.80 | 150 to 160 | 7.40 | |
| | 70 to 80 | 5.40 | 160 to 170 | 7.40 | |
| 80 to 90 | 5.0 | 170 to 180 | 7.40 | | |
| | | | | Emmissions Credit Basis | |
| | | | | 1,000 Kg of IFO = | 3,150 Kg CO2 |
| | | | | 1,000 Kg of MDO/MGO = | 3,150 Kg CO2 |



Indicates voyages where maximum wave height parameters are increased to a level consistent with that actually encountered on passage.

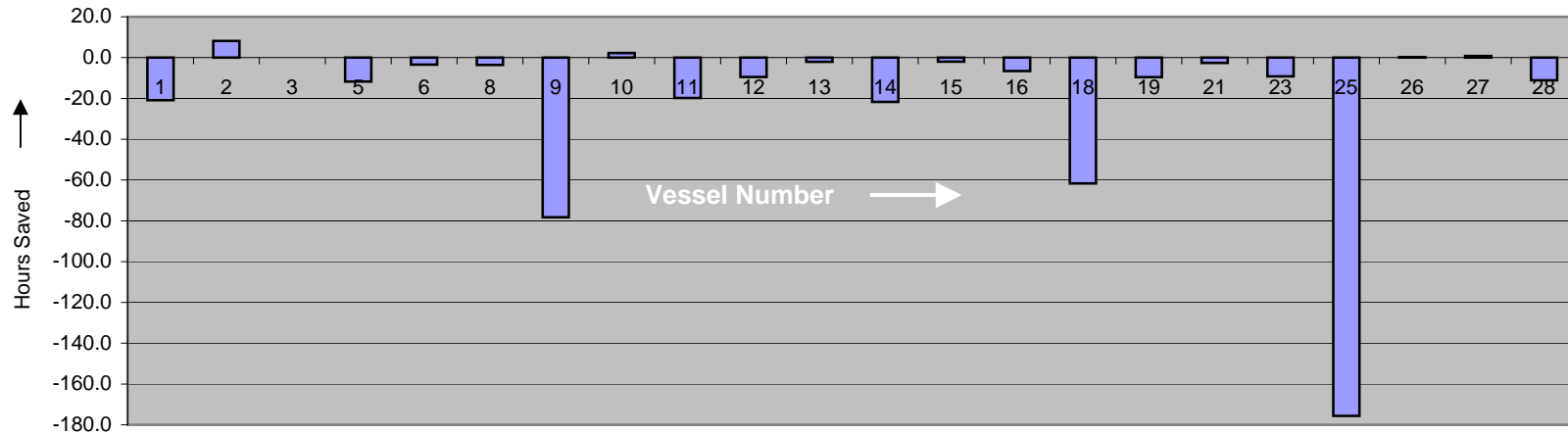
| TOP FIVE VOYAGES | | | | | | | | | | | | | | | | | | | |
|------------------|----------------------------|-----------|-----------------|-----------|----------|----------|---------------|----------|----------|----------------------|---------|--------|--------|--------------------|---------|--------|--------|----------------|-----------------|
| Voy Nbr | Video File Link (*.zip) | Vessel | Start Date Time | Distances | | | Steaming Time | | | Budget Values (ALDT) | | | | Savings (AVT-ALDT) | | | | Tactical Perf. | Wave Max. x 360 |
| | | | | AVT nm. | ALDT nm. | ALTT nm. | AVT hrs | ALDT Hrs | ALTT hrs | S.Time hrs | IFO mt. | MDO mt | CO2 mt | S.Time hrs | IFO mt. | MDO mt | CO2 mt | | |
| Voy45 | V5271.zip | Vessel 14 | 2/29/2007 | 5,015 | 4,981 | 5,024 | 347.1 | 353.3 | 346.4 | 353.3 | 338.5 | 22.1 | 1136 | 6.1 | 5.9 | 0.4 | 20 | 101.8 | Default |
| Voy8 | V82033.zip | Vessel 2 | 1/28/2007 | 4,415 | 4,432 | 4,444 | 337.0 | 342.1 | 338.1 | 342.1 | 327.9 | 21.4 | 1100 | 5.2 | 4.9 | 0.3 | 17 | 101.5 | Default |
| Voy46 | V65032.zip | Vessel 14 | 3/23/2007 | 8,517 | 8,282 | 8,596 | 614.0 | 622.6 | 612.5 | 622.6 | 596.7 | 38.9 | 2002 | 8.7 | 8.3 | 0.5 | 28 | 101.4 | Default |
| Voy42 | V22859.zip | Vessel 13 | 1/29/2007 | 4,056 | 4,010 | 4,079 | 335.2 | 339.4 | 331.3 | 339.4 | 325.2 | 21.2 | 1091 | 4.2 | 4.0 | 0.3 | 13 | 101.2 | Default |
| Voy77 | V77137.zip | Vessel 27 | 5/22/2007 | 4,007 | 4,045 | 4,048 | 313.9 | 317.7 | 317.5 | 317.7 | 304.5 | 19.9 | 1022 | 3.8 | 3.7 | 0.2 | 12 | 101.2 | Default |
| | | | | 26,011 | 25,750 | 26,191 | 1,947 | 1,975 | 1,946 | 1,975 | 1,893 | 123 | 6,351 | 28 | 27 | 2 | 90 | 101.4 | |

| BOTTOM FIVE VOYAGES (WITHIN MAX WAVE PARAMETERS) | | | | | | | | | | | | | | | | | | | |
|--|----------------------------|-----------|-----------------|-----------|----------|----------|---------------|----------|----------|----------------------|---------|--------|--------|--------------------|---------|--------|--------|----------------|-----------------|
| Voy Nbr | Video File Link (*.zip) | Vessel | Start Date Time | Distances | | | Steaming Time | | | Budget Values (ALDT) | | | | Savings (AVT-ALDT) | | | | Tactical Perf. | Wave Max. x 360 |
| | | | | AVT nm. | ALDT nm. | ALTT nm. | AVT hrs | ALDT Hrs | ALTT hrs | S.Time hrs | IFO mt. | MDO mt | CO2 mt | S.Time hrs | IFO mt. | MDO mt | CO2 mt | | |
| Voy72 | V21075.zip | Vessel 25 | 5/15/2007 | 5,833 | 4,918 | 4,930 | 410.0 | 347.7 | 346.7 | 347.7 | 333.2 | 21.7 | 1118 | (62.3) | (59.7) | (3.9) | (200) | 84.8 | Default |
| Voy23 | V32603.zip | Vessel 9 | 2/10/2007 | 6,674 | 5,894 | 5,896 | 526.2 | 466.7 | 465.8 | 466.7 | 447.2 | 29.2 | 1501 | (59.6) | (57.1) | (3.7) | (192) | 88.7 | Default |
| Voy70 | VW5473.zip | Vessel 25 | 3/14/2007 | 5,811 | 5,389 | 5,393 | 455.0 | 414.9 | 413.5 | 414.9 | 397.6 | 25.9 | 1334 | (40.1) | (38.4) | (2.5) | (129) | 91.2 | Default |
| Voy73 | V38287.zip | Vessel 25 | 6/9/2007 | 7,595 | 6,819 | 6,834 | 557.8 | 513.8 | 507.1 | 513.8 | 492.4 | 32.1 | 1652 | (44.0) | (42.1) | (2.7) | (141) | 92.1 | Default |
| Voy47 | V78333.zip | Vessel 14 | 5/11/2007 | 8,377 | 7,835 | 7,877 | 578.1 | 541.5 | 539.8 | 541.5 | 519.0 | 33.8 | 1741 | (36.6) | (35.0) | (2.3) | (118) | 93.7 | Default |
| | | | | 34,289 | 30,855 | 30,930 | 2,527 | 2,285 | 2,273 | 2,285 | 2,189 | 143 | 7,346 | (243) | (232) | (15) | (780) | 90.4 | |

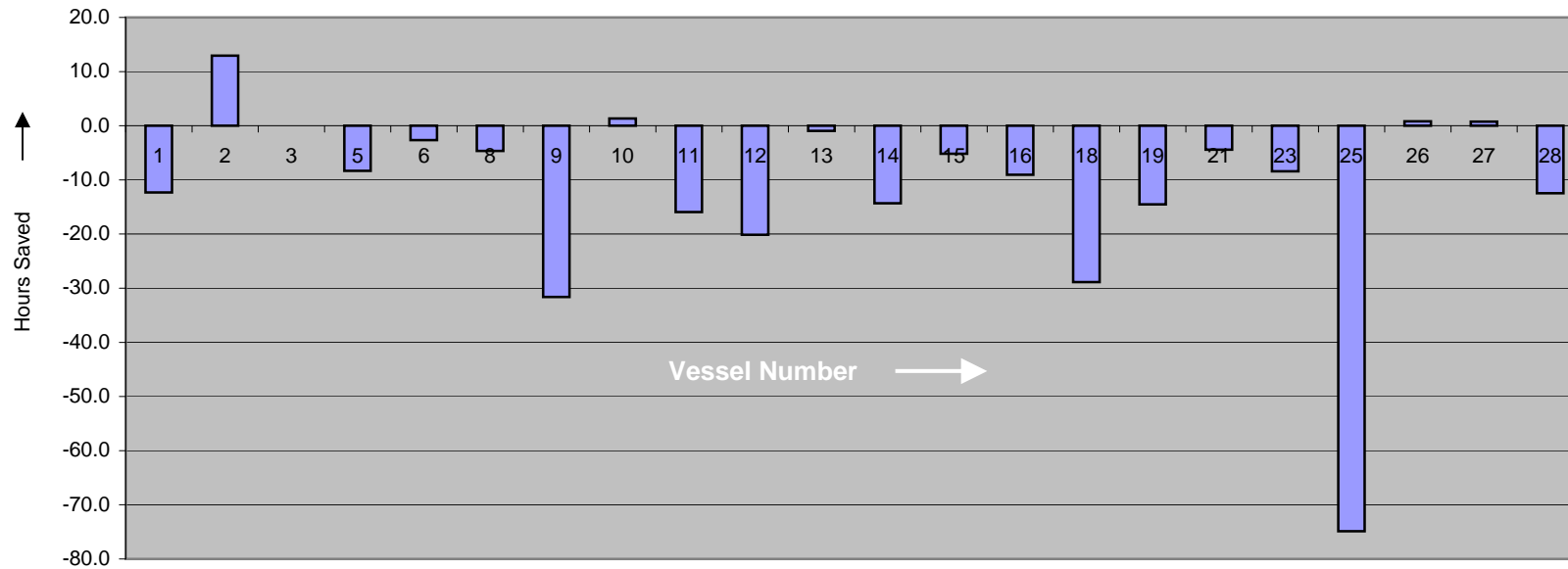
| HEAVY WEATHER VOYAGES (MAX WAVE PARAMETERS EXCEEDED) | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|-----------|-----------------|-----------|----------|----------|---------------|----------|----------|----------------------|---------|--------|--------|--------------------|---------|--------|--------|----------------|-----------------|
| Voy Nbr | Video File Link (*.zip) | Vessel | Start Date Time | Distances | | | Steaming Time | | | Budget Values (ALDT) | | | | Savings (AVT-ALDT) | | | | Tactical Perf. | Wave Max. x 360 |
| | | | | AVT nm. | ALDT nm. | ALTT nm. | AVT hrs | ALDT Hrs | ALTT hrs | S.Time hrs | IFO mt. | MDO mt | CO2 mt | S.Time hrs | IFO mt. | MDO mt | CO2 mt | | |
| Voy54 | V4312.zip | Vessel 18 | 2/2/2007 | 2,881 | 2,677 | 2,720 | 267.8 | 248.6 | 238.7 | 248.6 | 238.2 | 15.5 | 799 | (19.2) | (18.4) | (1.2) | (62) | 92.8 | 11.0 m |
| Voy42 | V22859.zip | Vessel 13 | 1/29/2007 | 4,056 | 4,010 | 4,079 | 335.2 | 339.4 | 331.3 | 339.4 | 325.2 | 21.2 | 1091 | 4.2 | 4.0 | 0.3 | 13 | 101.2 | 7.4 m |
| Voy55 | V58056.zip | Vessel 18 | 2/17/2007 | 2,544 | 2,528 | 2,528 | 261.7 | 258.4 | 258.2 | 258.4 | 247.7 | 16.2 | 831 | (3.3) | (3.1) | (0.2) | (11) | 98.7 | 8.0 m |
| Voy49 | V91871.zip | Vessel 16 | 12/10/2006 | 4,475 | 4,258 | 4,372 | 377.8 | 373.7 | 369.3 | 373.7 | 358.1 | 23.4 | 1202 | (4.2) | (4.0) | (0.3) | (13) | 98.9 | 8.0 m |
| Voy53 | V32440.zip | Vessel 18 | 1/16/2007 | 2,627 | 2,656 | 2,662 | 268.8 | 270.7 | 268.1 | 270.7 | 259.4 | 16.9 | 871 | 1.9 | 1.9 | 0.1 | 6 | 100.7 | 8.0 m |
| Voy52 | V26774.zip | Vessel 18 | 12/29/2006 | 2,847 | 2,600 | 2,623 | 254.1 | 232.5 | 229.7 | 232.5 | 222.8 | 14.5 | 748 | (21.6) | (20.7) | (1.4) | (70) | 91.5 | 9.1 m |
| | | | | 19,430 | 18,729 | 18,984 | 1,765 | 1,723 | 1,695 | 1,723 | 1,651 | 108 | 5,541 | (42) | (40) | (3) | (136) | 92 | |

Total Hours Saved per Vessel

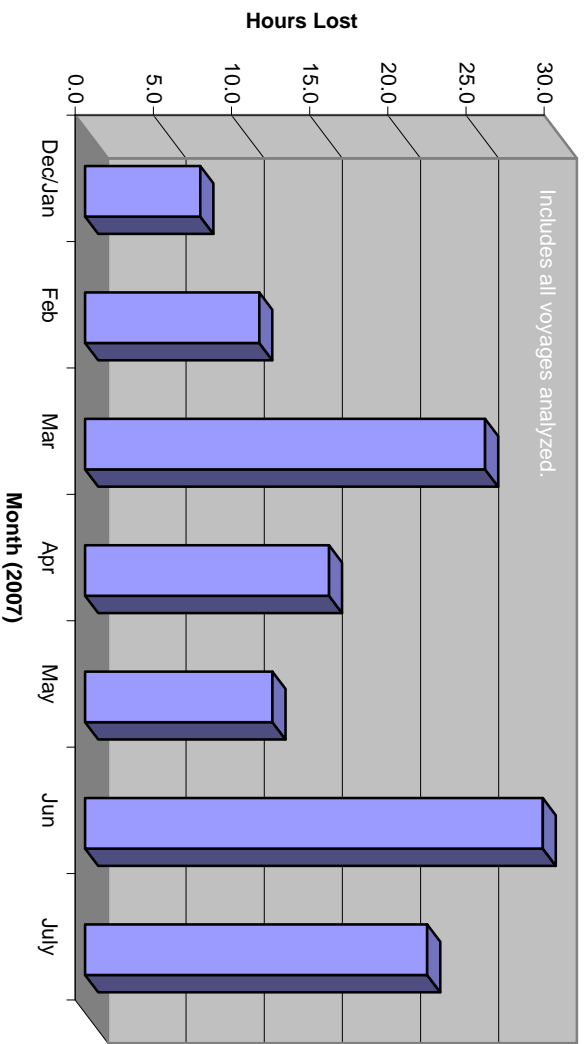
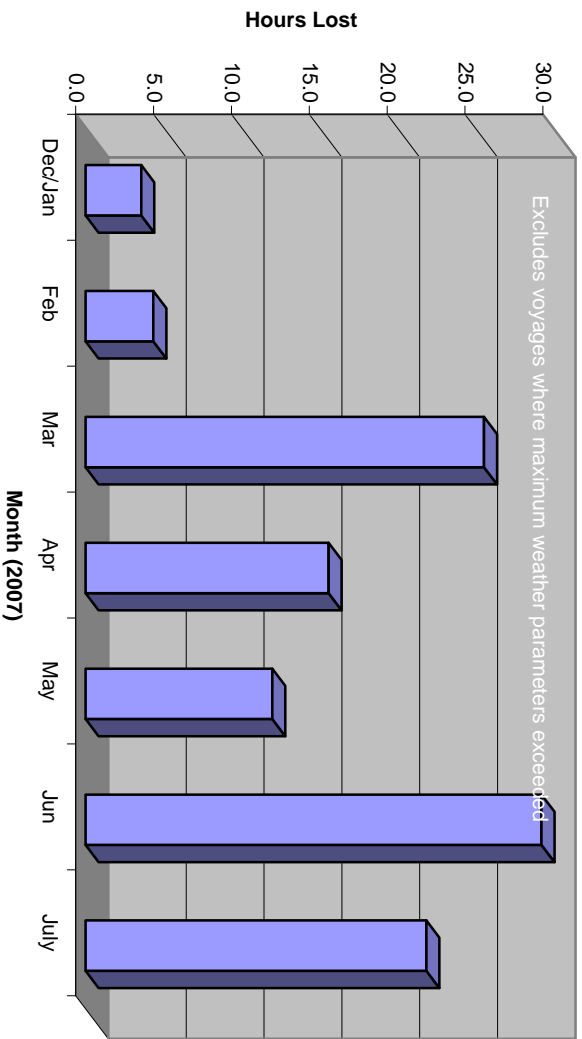
Note: Hours Saved = steaming time on ALDT - steaming time on AVT



Hours Saved per 1,000 Hours steamed.



Hours Lost per 1,000 Hours Steamed



Voyage Analysis

| Voy Nbr | Video File Link (*.zip) | Vessel | Start Date Time | Distances | | | Steaming Time | | | Budget Values (ALDT) | | | | Savings (AVT-ALDT) | | | | Tactical Perf. | Wave Max. x 360 |
|---------|----------------------------|----------|-----------------|-----------|----------|----------|---------------|----------|----------|----------------------|---------|--------|--------|--------------------|---------|--------|--------|----------------|-----------------|
| | | | | AVT nm. | ALDT nm. | ALTT nm. | AVT hrs | ALDT Hrs | ALTT hrs | S.Time hrs | IFO mt. | MDO mt | CO2 mt | S.Time hrs | IFO mt. | MDO mt | CO2 mt | | |
| Voy1 | V13040.zip | Vessel 1 | 1/13/2007 | 5,640 | 5,640 | 5,655 | 407.8 | 408.8 | 404.3 | 408.8 | 391.8 | 25.6 | 1315 | 1.1 | 1.0 | 0.1 | 3 | 100.3 | Default |
| Voy2 | V27527.zip | Vessel 1 | 3/1/2007 | 2,917 | 2,935 | 2,952 | 220.2 | 221.7 | 221.3 | 221.7 | 212.4 | 13.9 | 713 | 1.4 | 1.4 | 0.1 | 5 | 100.6 | Default |
| Voy3 | V33221.zip | Vessel 1 | 3/19/2007 | 3,629 | 3,547 | 3,549 | 271.2 | 265.7 | 265.6 | 265.7 | 254.6 | 16.6 | 854 | (5.5) | (5.3) | (0.3) | (18) | 98 | Default |
| Voy4 | V42709.zip | Vessel 1 | 4/6/2007 | 3,536 | 3,534 | 3,537 | 260.3 | 260.3 | 259.5 | 260.3 | 249.5 | 16.3 | 837 | (0.0) | (0.0) | (0.0) | (0) | 100 | Default |
| Voy5 | Coastal | Vessel 1 | COASTAL | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 | | Default |
| Voy6 | V65723.zip | Vessel 1 | 6/2/2007 | 3,692 | 3,650 | 3,651 | 265.2 | 259.7 | 259.5 | 259.7 | 248.9 | 16.2 | 835 | (5.4) | (5.2) | (0.3) | (17) | 97.9 | Default |
| Voy7 | V7709.zip | Vessel 1 | 7/7/2007 | 4,137 | 3,925 | 3,940 | 289.3 | 276.9 | 276.0 | 276.9 | 265.3 | 17.3 | 890 | (12.4) | (11.9) | (0.8) | (40) | 95.7 | Default |
| Voy8 | V82033.zip | Vessel 2 | 1/28/2007 | 4,415 | 4,432 | 4,444 | 337.0 | 342.1 | 338.1 | 342.1 | 327.9 | 21.4 | 1100 | 5.2 | 4.9 | 0.3 | 17 | 101.5 | Default |
| Voy9 | V94525.zip | Vessel 2 | 2/17/2007 | 2,666 | 2,735 | 2,728 | 287.4 | 290.4 | 282.6 | 290.4 | 278.3 | 18.2 | 934 | 3.0 | 2.9 | 0.2 | 10 | 101.1 | Default |
| Voy10 | Coastal | Vessel 3 | COASTAL | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 | | Default |
| Voy11 | V1415.zip | Vessel 5 | 12/13/2006 | 3,656 | 3,574 | 3,587 | 273.1 | 267.6 | 266.8 | 267.6 | 256.5 | 16.7 | 861 | (5.5) | (5.2) | (0.3) | (18) | 98 | Default |
| Voy12 | V277.zip | Vessel 5 | 1/29/2007 | 4,043 | 4,044 | 4,048 | 320.2 | 319.9 | 318.4 | 319.9 | 306.6 | 20.0 | 1029 | (0.3) | (0.3) | (0.0) | (1) | 99.9 | Default |
| Voy13 | V31942.zip | Vessel 5 | 2/17/2007 | 4,004 | 4,037 | 4,041 | 311.9 | 313.4 | 311.5 | 313.4 | 300.4 | 19.6 | 1008 | 1.5 | 1.4 | 0.1 | 5 | 100.5 | Default |
| Voy14 | V47740.zip | Vessel 5 | 4/11/2007 | 7,214 | 7,057 | 7,078 | 517.9 | 510.5 | 506.9 | 510.5 | 489.2 | 31.9 | 1642 | (7.4) | (7.1) | (0.5) | (24) | 98.6 | Default |
| Voy15 | V54645.zip | Vessel 6 | 1/12/2007 | 5,046 | 5,006 | 5,061 | 361.0 | 364.2 | 358.7 | 364.2 | 349.1 | 22.8 | 1171 | 3.3 | 3.1 | 0.2 | 10 | 100.9 | Default |
| Voy16 | V6410.zip | Vessel 6 | 4/25/2007 | 4,041 | 3,942 | 3,977 | 373.7 | 371.4 | 367.9 | 371.4 | 355.9 | 23.2 | 1194 | (2.3) | (2.2) | (0.1) | (7) | 99.4 | Default |
| Voy17 | V79609.zip | Vessel 6 | 5/30/2007 | 4,288 | 4,213 | 4,213 | 312.2 | 306.6 | 306.6 | 306.6 | 293.8 | 19.2 | 986 | (5.7) | (5.4) | (0.4) | (18) | 98.2 | Default |
| Voy18 | V85175.zip | Vessel 6 | 6/27/2007 | 3,235 | 3,236 | 3,273 | 240.3 | 241.6 | 240.0 | 241.6 | 231.6 | 15.1 | 777 | 1.3 | 1.2 | 0.1 | 4 | 100.5 | Default |
| Voy19 | V97966.zip | Vessel 8 | 1/24/2007 | 4,466 | 4,474 | 4,478 | 335.0 | 336.6 | 334.6 | 336.6 | 322.5 | 21.0 | 1082 | 1.5 | 1.5 | 0.1 | 5 | 100.5 | Default |
| Voy20 | V08356.zip | V8 Suez | 2/23/2007 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 | | Default |
| Voy21 | V19724.zip | Vessel 8 | 4/26/2007 | 6,138 | 6,135 | 6,144 | 444.7 | 439.5 | 437.6 | 439.5 | 421.2 | 27.5 | 1413 | (5.1) | (4.9) | (0.3) | (17) | 98.8 | Default |
| Voy22 | VW6734.zip | Vessel 9 | 1/2/2007 | 8,728 | 8,520 | 8,536 | 634.7 | 633.2 | 628.7 | 633.2 | 606.8 | 39.6 | 2036 | (1.5) | (1.4) | (0.1) | (5) | 99.8 | Default |
| Voy23 | V32603.zip | Vessel 9 | 2/10/2007 | 6,674 | 5,894 | 5,896 | 526.2 | 466.7 | 465.8 | 466.7 | 447.2 | 29.2 | 1501 | (59.6) | (57.1) | (3.7) | (192) | 88.7 | Default |
| Voy24 | V47357.zip | Vessel 9 | 3/10/2007 | 7,108 | 7,109 | 7,137 | 527.0 | 529.8 | 527.3 | 529.8 | 507.8 | 33.1 | 1704 | 2.8 | 2.7 | 0.2 | 9 | 100.5 | Default |
| Voy25 | COASTAL | COASTAL | | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 | | Default |

Voyage Analysis



Indicates voyages where maximum wave height parameters are increased to a level consistent with that actually encountered on passage.

| Voy Nbr | Video File Link (*.zip) | Vessel | Start Date Time | Distances | | | Steaming Time | | | Budget Values (ALDT) | | | | Savings (AVT-ALDT) | | | | Tactical Perf. | Wave Max. x 360 |
|---------|----------------------------|-----------|-----------------|-----------|----------|----------|---------------|----------|----------|----------------------|---------|--------|--------|--------------------|---------|--------|--------|----------------|-----------------|
| | | | | AVT nm. | ALDT nm. | ALTT nm. | AVT hrs | ALDT Hrs | ALTT hrs | S.Time hrs | IFO mt. | MDO mt | CO2 mt | S.Time hrs | IFO mt. | MDO mt | CO2 mt | | |
| Voy26 | V61685.zip | Vessel 9 | 5/11/2007 | 4,501 | 4,230 | 4,240 | 313.2 | 298.9 | 298.1 | 298.9 | 286.4 | 18.7 | 961 | (14.3) | (13.7) | (0.9) | (46) | 95.4 | Default |
| Voy27 | V78315.zip | Vessel 9 | 6/9/2007 | 3,370 | 3,369 | 3,387 | 239.3 | 239.5 | 239.2 | 239.5 | 229.5 | 15.0 | 770 | 0.3 | 0.2 | 0.0 | 1 | 100.1 | Default |
| Voy28 | V88784.zip | Vessel 9 | 6/29/2007 | 4,421 | 4,308 | 4,317 | 313.2 | 307.3 | 306.6 | 307.3 | 294.5 | 19.2 | 988 | (5.9) | (5.7) | (0.4) | (19) | 98.1 | Default |
| Voy29 | V95133.zip | Vessel 10 | 2/21/2007 | 3,349 | 3,349 | 3,354 | 262.8 | 261.9 | 261.3 | 261.9 | 250.9 | 16.4 | 842 | (0.9) | (0.9) | (0.1) | (3) | 99.7 | Default |
| Voy30 | V04162.zip | Vessel 10 | 4/1/2007 | 3,639 | 3,639 | 3,641 | 241.2 | 240.8 | 240.7 | 240.8 | 230.8 | 15.0 | 774 | (0.4) | (0.4) | (0.0) | (1) | 99.8 | Default |
| Voy31 | V13297.zip | Vessel 10 | 4/14/2007 | 4,932 | 4,949 | 4,951 | 382.8 | 384.6 | 383.1 | 384.6 | 368.6 | 24.0 | 1237 | 1.8 | 1.7 | 0.1 | 6 | 100.5 | Default |
| Voy32 | V21129.zip | Vessel 10 | 5/23/2007 | 3,388 | 3,385 | 3,391 | 239.2 | 240.2 | 239.7 | 240.2 | 230.2 | 15.0 | 772 | 0.9 | 0.9 | 0.1 | 3 | 100.4 | Default |
| Voy33 | V35581.zip | Vessel 10 | 6/6/2007 | 3,893 | 3,891 | 3,901 | 307.8 | 308.0 | 307.3 | 308.0 | 295.2 | 19.2 | 990 | 0.2 | 0.2 | 0.0 | 1 | 100.1 | Default |
| Voy34 | V46274.zip | Vessel 10 | 6/23/2007 | 3,709 | 3,702 | 3,711 | 241.4 | 242.0 | 241.3 | 242.0 | 231.9 | 15.1 | 778 | 0.6 | 0.6 | 0.0 | 2 | 100.3 | Default |
| Voy35 | V52946.zip | Vessel 11 | 12/2/2007 | 3,951 | 3,947 | 3,967 | 314.0 | 314.8 | 313.2 | 314.8 | 301.7 | 19.7 | 1012 | 0.8 | 0.8 | 0.1 | 3 | 100.3 | Default |
| Voy36 | V67176.zip | Vessel 11 | 1/28/2007 | 3,073 | 3,009 | 3,009 | 229.8 | 224.5 | 224.3 | 224.5 | 215.2 | 14.0 | 722 | (5.3) | (5.0) | (0.3) | (17) | 97.7 | Default |
| Voy37 | V74782.zip | Vessel 11 | 3/27/2007 | 4,101 | 3,942 | 3,942 | 334.8 | 318.3 | 318.3 | 318.3 | 305.0 | 19.9 | 1023 | (16.5) | (15.9) | (1.0) | (53) | 95.1 | Default |
| Voy38 | V87099.zip | Vessel 11 | 4/14/2007 | 3,930 | 3,945 | 3,948 | 382.2 | 383.4 | 380.4 | 383.4 | 367.4 | 24.0 | 1233 | 1.2 | 1.2 | 0.1 | 4 | 100.3 | Default |
| Voy39 | V91126.zip | Vessel 12 | 6/14/2007 | 5,781 | 5,678 | 5,687 | 482.0 | 472.5 | 472.1 | 472.5 | 452.8 | 29.5 | 1519 | (9.5) | (9.1) | (0.6) | (31) | 98 | Default |
| Voy40 | V02820.zip | Vessel 13 | 12/17/2006 | 5,668 | 5,647 | 5,787 | 526.1 | 516.2 | 515.2 | 516.2 | 494.7 | 32.3 | 1660 | (9.9) | (9.4) | (0.6) | (32) | 98.1 | Default |
| Voy41 | V17400.zip | Vessel 13 | 1/12/2007 | 4,515 | 4,441 | 4,468 | 337.1 | 336.8 | 332.1 | 336.8 | 322.8 | 21.1 | 1083 | (0.3) | (0.2) | (0.0) | (1) | 99.9 | Default |
| Voy42 | V22859.zip | Vessel 13 | 1/29/2007 | 4,056 | 4,010 | 4,079 | 335.2 | 339.4 | 331.3 | 339.4 | 325.2 | 21.2 | 1091 | 4.2 | 4.0 | 0.3 | 13 | 101.2 | 7.4 m |
| Voy43 | V36623.zip | Vessel 13 | 4/14/2007 | 7,569 | 7,565 | 7,624 | 573.9 | 575.8 | 566.1 | 575.8 | 551.8 | 36.0 | 1851 | 1.8 | 1.8 | 0.1 | 6 | 100.3 | Default |
| Voy44 | V48434.zip | Vessel 13 | 5/26/2007 | 4,169 | 4,179 | 4,219 | 335.0 | 337.1 | 333.5 | 337.1 | 323.0 | 21.1 | 1084 | 2.1 | 2.0 | 0.1 | 7 | 100.6 | Default |
| Voy45 | V5271.zip | Vessel 14 | 2/29/2007 | 5,015 | 4,981 | 5,024 | 347.1 | 353.3 | 346.4 | 353.3 | 338.5 | 22.1 | 1136 | 6.1 | 5.9 | 0.4 | 20 | 101.8 | Default |
| Voy46 | V65032.zip | Vessel 14 | 3/23/2007 | 8,517 | 8,282 | 8,596 | 614.0 | 622.6 | 612.5 | 622.6 | 596.7 | 38.9 | 2002 | 8.7 | 8.3 | 0.5 | 28 | 101.4 | Default |
| Voy47 | V78333.zip | Vessel 14 | 5/11/2007 | 8,377 | 7,835 | 7,877 | 578.1 | 541.5 | 539.8 | 541.5 | 519.0 | 33.8 | 1741 | (36.6) | (35.0) | (2.3) | (118) | 93.7 | Default |
| Voy48 | V89991.zip | Vessel 15 | 6/24/2007 | 4,323 | 4,302 | 4,315 | 383.0 | 381.0 | 379.0 | 381.0 | 365.1 | 23.8 | 1225 | (2.0) | (1.9) | (0.1) | (6) | 99.5 | Default |
| Voy49 | V91871.zip | Vessel 16 | 12/10/2006 | 4,475 | 4,258 | 4,372 | 377.8 | 373.7 | 369.3 | 373.7 | 358.1 | 23.4 | 1202 | (4.2) | (4.0) | (0.3) | (13) | 98.9 | 8.0 m |
| Voy50 | V01065.zip | Vessel 16 | 1/2/2007 | 7,364 | 7,359 | 7,426 | 356.0 | 353.6 | 351.6 | 353.6 | 338.8 | 22.1 | 1137 | (2.4) | (2.3) | (0.1) | (8) | 99.3 | Default |

Voyage Analysis



Indicates voyages where maximum wave height parameters are increased to a level consistent with that actually encountered on passage.

| Voy Nbr | Video File Link (*.zip) | Vessel | Start Date Time | Distances | | | Steaming Time | | | Budget Values (ALDT) | | | | Savings (AVT-ALDT) | | | | Tactical Perf. | Wave Max. x 360 |
|---------|----------------------------|-----------|-----------------|-----------|----------|----------|---------------|----------|----------|----------------------|---------|--------|--------|--------------------|---------|--------|--------|----------------|-----------------|
| | | | | AVT nm. | ALDT nm. | ALTT nm. | AVT hrs | ALDT Hrs | ALTT hrs | S.Time hrs | IFO mt. | MDO mt | CO2 mt | S.Time hrs | IFO mt. | MDO mt | CO2 mt | | |
| Voy51 | V14748.zip | Vessel 18 | 12/2/2007 | 2,826 | 2,820 | 2,820 | 260.8 | 260.4 | 260.4 | 260.4 | 249.6 | 16.3 | 837 | (0.4) | (0.3) | (0.0) | (1) | 99.9 | Default |
| Voy52 | V26774.zip | Vessel 18 | 12/29/2006 | 2,847 | 2,600 | 2,623 | 254.1 | 232.5 | 229.7 | 232.5 | 222.8 | 14.5 | 748 | (21.6) | (20.7) | (1.4) | (70) | 91.5 | 9.1 m |
| Voy53 | V32440.zip | Vessel 18 | 1/16/2007 | 2,627 | 2,656 | 2,662 | 268.8 | 270.7 | 268.1 | 270.7 | 259.4 | 16.9 | 871 | 1.9 | 1.9 | 0.1 | 6 | 100.7 | 8.0 m |
| Voy54 | V4312.zip | Vessel 18 | 2/2/2007 | 2,881 | 2,677 | 2,720 | 267.8 | 248.6 | 238.7 | 248.6 | 238.2 | 15.5 | 799 | (19.2) | (18.4) | (1.2) | (62) | 92.8 | 11.0 m |
| Voy55 | V58056.zip | Vessel 18 | 2/17/2007 | 2,544 | 2,528 | 2,528 | 261.7 | 258.4 | 258.2 | 258.4 | 247.7 | 16.2 | 831 | (3.3) | (3.1) | (0.2) | (11) | 98.7 | 8.0 m |
| Voy56 | V62712 | Vessel 18 | 3/3/2007 | 2,537 | 2,546 | 2,565 | 205.7 | 207.1 | 206.4 | 207.1 | 198.4 | 12.9 | 666 | 1.4 | 1.3 | 0.1 | 4 | 100.7 | Default |
| Voy57 | V78404.zip | Vessel 18 | 3/19/2007 | 2,399 | 2,335 | 2,358 | 217.7 | 211.9 | 211.1 | 211.9 | 203.1 | 13.2 | 681 | (5.8) | (5.5) | (0.4) | (18) | 97.4 | Default |
| Voy58 | V85993.zip | Vessel 18 | 4/1/2007 | 2,902 | 2,710 | 2,710 | 241.7 | 230.5 | 230.5 | 230.5 | 220.8 | 14.4 | 741 | (11.3) | (10.8) | (0.7) | (36) | 95.3 | Default |
| Voy59 | V9666.zip | Vessel 18 | 4/25/2007 | 2,715 | 2,679 | 2,679 | 218.9 | 215.5 | 215.4 | 215.5 | 206.5 | 13.5 | 693 | (3.4) | (3.3) | (0.2) | (11) | 98.4 | Default |
| Voy60 | V01399.zip | Vessel 19 | 6/13/2007 | 4,513 | 4,373 | 4,378 | 330.2 | 320.3 | 320.0 | 320.3 | 306.9 | 20.0 | 1030 | (9.9) | (9.5) | (0.6) | (32) | 97 | Default |
| Voy61 | V18078.zip | Vessel 19 | 7/1/2007 | 4,472 | 4,454 | 4,489 | 338.0 | 338.4 | 336.6 | 338.4 | 324.3 | 21.1 | 1088 | 0.4 | 0.3 | 0.0 | 1 | 100.1 | Default |
| Voy62 | COASTAL | | | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 | | |
| Voy63 | V38151.zip | Vessel 21 | 5/24/2007 | 4,062 | 3,975 | 4,004 | 326.0 | 321.8 | 321.4 | 321.8 | 308.4 | 20.1 | 1035 | (4.2) | (4.0) | (0.3) | (14) | 98.7 | Default |
| Voy64 | V49843.zip | Vessel 21 | 6/21/2007 | 3,302 | 3,303 | 3,325 | 261.8 | 263.4 | 262.0 | 263.4 | 252.4 | 16.5 | 847 | 1.6 | 1.6 | 0.1 | 5 | 100.6 | Default |
| Voy65 | V56357.zip | Vessel 23 | 2/25/2007 | 4,036 | 3,919 | 3,928 | 335.0 | 331.9 | 330.9 | 331.9 | 318.0 | 20.7 | 1067 | (3.2) | (3.0) | (0.2) | (10) | 99.1 | Default |
| Voy66 | V66933.zip | Vessel 23 | 4/15/2007 | 4,309 | 4,295 | 4,314 | 359.0 | 360.0 | 358.6 | 360.0 | 345.0 | 22.5 | 1158 | 1.0 | 1.0 | 0.1 | 3 | 100.3 | Default |
| Voy67 | V74315.zip | Vessel 23 | 6/26/2007 | 5,127 | 5,061 | 5,078 | 406.9 | 399.8 | 399.4 | 399.8 | 383.2 | 25.0 | 1286 | (7.1) | (6.8) | (0.4) | (23) | 98.3 | Default |
| Voy68 | V8636.zip | Vessel 25 | 1/8/2007 | 5,805 | 5,821 | 5,829 | 404.1 | 404.8 | 403.2 | 404.8 | 387.9 | 25.3 | 1302 | 0.6 | 0.6 | 0.0 | 2 | 100.2 | Default |
| Voy69 | V94011.zip | Vessel 25 | 2/8/2007 | 3,219 | 3,123 | 3,149 | 262.8 | 251.3 | 248.8 | 251.3 | 240.8 | 15.7 | 808 | (11.5) | (11.0) | (0.7) | (37) | 95.6 | Default |
| Voy70 | VW5473.zip | Vessel 25 | 3/14/2007 | 5,811 | 5,389 | 5,393 | 455.0 | 414.9 | 413.5 | 414.9 | 397.6 | 25.9 | 1334 | (40.1) | (38.4) | (2.5) | (129) | 91.2 | Default |
| Voy71 | V13964.zip | Vessel 25 | 5/22/2007 | 5,204 | 4,888 | 4,896 | 431.2 | 412.8 | 411.7 | 412.8 | 395.6 | 25.8 | 1327 | (18.4) | (17.6) | (1.1) | (59) | 95.7 | Default |
| Voy72 | V21075.zip | Vessel 25 | 5/15/2007 | 5,833 | 4,918 | 4,930 | 410.0 | 347.7 | 346.7 | 347.7 | 333.2 | 21.7 | 1118 | (62.3) | (59.7) | (3.9) | (200) | 84.8 | Default |
| Voy73 | V38287.zip | Vessel 25 | 6/9/2007 | 7,595 | 6,819 | 6,834 | 557.8 | 513.8 | 507.1 | 513.8 | 492.4 | 32.1 | 1652 | (44.0) | (42.1) | (2.7) | (141) | 92.1 | Default |
| Voy74 | V45208.zip | Vessel 26 | 12/20/2006 | 4,022 | 4,024 | 4,028 | 311.0 | 311.2 | 310.4 | 311.2 | 298.3 | 19.5 | 1001 | 0.3 | 0.2 | 0.0 | 1 | 100.1 | Default |
| Voy75 | V5655.zip | Vessel 27 | 3/31/2007 | 5,583 | 5,528 | 5,544 | 436.1 | 434.4 | 431.5 | 434.4 | 416.3 | 27.1 | 1397 | (1.7) | (1.6) | (0.1) | (5) | 99.6 | Default |

Voyage Analysis

| Voy Nbr | Video File Link (*.zip) | Vessel | Start Date Time | Distances | | | Steaming Time | | | Budget Values (ALDT) | | | | Savings (AVT-ALDT) | | | | Tactical Perf. | Wave Max. x 360 |
|---------|----------------------------|-----------|-----------------|-----------|----------|----------|---------------|----------|----------|----------------------|---------|--------|--------|--------------------|---------|--------|--------|----------------|-----------------|
| | | | | AVT nm. | ALDT nm. | ALTT nm. | AVT hrs | ALDT Hrs | ALTT hrs | S.Time hrs | IFO mt. | MDO mt | CO2 mt | S.Time hrs | IFO mt. | MDO mt | CO2 mt | | |
| Voy69 | V94011.zip | Vessel 25 | 2/8/2007 | 3,219 | 3,123 | 3,149 | 262.8 | 251.3 | 248.8 | 251.3 | 240.8 | 15.7 | 808 | (11.5) | (11.0) | (0.7) | (37) | 95.6 | Default |
| Voy70 | VW5473.zip | Vessel 25 | 3/14/2007 | 5,811 | 5,389 | 5,393 | 455.0 | 414.9 | 413.5 | 414.9 | 397.6 | 25.9 | 1334 | (40.1) | (38.4) | (2.5) | (129) | 91.2 | Default |
| Voy71 | V13964.zip | Vessel 25 | 5/22/2007 | 5,204 | 4,888 | 4,896 | 431.2 | 412.8 | 411.7 | 412.8 | 395.6 | 25.8 | 1327 | (18.4) | (17.6) | (1.1) | (59) | 95.7 | Default |
| Voy72 | V21075.zip | Vessel 25 | 5/15/2007 | 5,833 | 4,918 | 4,930 | 410.0 | 347.7 | 346.7 | 347.7 | 333.2 | 21.7 | 1118 | (62.3) | (59.7) | (3.9) | (200) | 84.8 | Default |
| Voy73 | V38287.zip | Vessel 25 | 6/9/2007 | 7,595 | 6,819 | 6,834 | 557.8 | 513.8 | 507.1 | 513.8 | 492.4 | 32.1 | 1652 | (44.0) | (42.1) | (2.7) | (141) | 92.1 | Default |
| Voy74 | V45208.zip | Vessel 26 | 12/20/2006 | 4,022 | 4,024 | 4,028 | 311.0 | 311.2 | 310.4 | 311.2 | 298.3 | 19.5 | 1001 | 0.3 | 0.2 | 0.0 | 1 | 100.1 | Default |
| Voy75 | V5655.zip | Vessel 27 | 3/31/2007 | 5,583 | 5,528 | 5,544 | 436.1 | 434.4 | 431.5 | 434.4 | 416.3 | 27.1 | 1397 | (1.7) | (1.6) | (0.1) | (5) | 99.6 | Default |
| Voy76 | V63331.zip | Vessel 27 | 5/5/2007 | 2,987 | 2,966 | 2,973 | 241.8 | 240.4 | 240.2 | 240.4 | 230.4 | 15.0 | 773 | (1.4) | (1.3) | (0.1) | (4) | 99.4 | Default |
| Voy77 | V77137.zip | Vessel 27 | 5/22/2007 | 4,007 | 4,045 | 4,048 | 313.9 | 317.7 | 317.5 | 317.7 | 304.5 | 19.9 | 1022 | 3.8 | 3.7 | 0.2 | 12 | 101.2 | Default |
| Voy78 | V8611.zip | Vessel 28 | 1/2/2007 | 4,642 | 4,618 | 4,623 | 356.0 | 353.6 | 351.6 | 353.6 | 338.8 | 22.1 | 1137 | (2.4) | (2.3) | (0.1) | (8) | 99.3 | Default |
| Voy79 | V94875.zip | Vessel 28 | 2/1/2007 | 3,122 | 3,013 | 3,020 | 279.9 | 269.3 | 266.7 | 269.3 | 258.1 | 16.8 | 866 | (10.6) | (10.1) | (0.7) | (34) | 96.2 | Default |
| Voy 80 | V04566.zip | Vessel 28 | 5/31/2007 | 3,581 | 3,564 | 3,569 | 267.8 | 269.6 | 268.1 | 269.6 | 258.4 | 16.9 | 867 | 1.8 | 1.8 | 0.1 | 6 | 100.7 | Default |
| | | | | 334,867 | 327,492 | 329,173 | 25,845 | 25,407 | 25,245 | 25,407 | 24,348 | 1,588 | 81,699 | (437.7) | (419.5) | (27.4) | (1407) | 98 | |