



UNDER SECRETARY OF DEFENSE  
1 100 DEFENSE PENTAGON  
WASHINGTON, DC 20301-1100

COMPTROLLER

MEMORANDUM FOR UNDER SECRETARY OF DEFENSE FOR ACQUISITION  
AND SUSTAINMENT  
ASSISTANT SECRETARY OF THE ARMY (FINANCIAL  
MANAGEMENT AND COMPTROLLER)  
ASSISTANT SECRETARY OF THE NAVY (FINANCIAL  
MANAGEMENT AND COMPTROLLER)  
ASSISTANT SECRETARY OF THE AIR FORCE (FINANCIAL  
MANAGEMENT AND COMPTROLLER)  
DIRECTORS, DEFENSE AGENCIES  
DIRECTOR, PROGRAM ANALYSIS AND FINANCIAL  
MANAGEMENT, UNITED STATES TRANSPORTATION  
COMMAND

SUBJECT: Fiscal Year (FY) 2022 Standard Fuel Price Change

Effective January 1, 2022, the FY 2022 Standard Fuel Price (SFP) will be set at \$129.36 per barrel. This price adjustment is necessary due to the ongoing increases in the fuel market cost for refined fuel product. The Defense Logistics Agency (DLA) Energy Shortlist of fuel prices by type is attached. The DLA will publish a full list of fuel product prices on the DLA Energy website. The Department will continue to monitor the cost of refined oil products and make adjustments to the SFP as required.

My staff is available to provide additional information regarding fuel price assumptions. My point of contact is Ms. Julian David, 703-692-6272, julian.v.david.civ@mail.mil.

A handwritten signature in blue ink that reads "Michael McCord".

Michael McCord

Attachment:  
As stated

**Standard Fuel Prices in Dollars**  
**FY2022 Short List \$129.36**  
**Effective January 1, 2022**

|                                 |                    | <b>Per Gallon</b> | <b>Per Barrel</b> |
|---------------------------------|--------------------|-------------------|-------------------|
| AVGAS (CONUS)                   | 130                | 3.50              | 147.00            |
| AVGAS (OCONUS) -LL              | LL                 | 13.77             | 578.34            |
| <b>Diesel Fuel:</b>             |                    |                   |                   |
| Distillates                     | F76                | 3.10              | 130.20            |
| High Sulfur                     | DF1                | 3.08              | 129.36            |
| Generic (High Sulfur)           | DF2                | 2.76              | 115.92            |
| Ultra Low Sulfur                | DS1                | 3.15              | 132.30            |
| Ultra Low Sulfur                | DS2                | 2.98              | 125.16            |
| Burner Grade                    | FS1                | 3.01              | 126.42            |
| Burner Grade                    | FS2                | 2.66              | 111.72            |
| Biodiesel                       | BDI                | 2.98              | 125.16            |
| <b>Jet Fuel:</b>                |                    |                   |                   |
|                                 | JP8 & JA1          | 3.08              | 129.36            |
|                                 | JAA                | 3.06              | 128.52            |
|                                 | JP5                | 3.11              | 130.62            |
|                                 | JTS                | 4.79              | 201.18            |
| Kerosene                        | KS1                | 3.03              | 127.26            |
| <b>Motor Gasoline:</b>          |                    |                   |                   |
| Regular, Unleaded               | MUR                | 3.01              | 126.42            |
| Midgrade, Unleaded              | MUM                | 3.19              | 133.98            |
| Premium, Unleaded               | MUP                | 3.55              | 149.10            |
| Gasohol                         | GUM                | 3.19              | 133.98            |
| Ethanol                         | E85                | 3.01              | 126.42            |
| <b>Residual:</b>                |                    |                   |                   |
| Burner Grade                    | FS4                | 1.97              | 82.74             |
| Residual (Burner Grade)         | FS6                | 1.56              | 65.52             |
| FOR                             | FOR                | 0.95              | 39.90             |
| Bunkers Marine (MGO)            | MGO                | 3.18              | 133.56            |
| Bunkers Intermediate Grade      | 180, 380           | 2.33              | 97.86             |
| Intoplane Jet Fuel              | IA1, IAA, IAB, IP8 | 3.50              | 147.00            |
| Local Purchase Jet Fuel         | NA1, NAA           | 3.77              | 158.34            |
| Local Purchase Ground Fuel      | NLS, NMU           | 3.22              | 135.24            |
| <b>Composite Standard Price</b> |                    | <b>3.08</b>       | <b>129.36</b>     |

**In the year of execution, a complete list of standard fuel prices will be available on the DLA Energy website: <http://www.dla.mil/Energy/Business/StandardPrices.aspx>**

| PROGRAM                                  | NATIONAL STOCK NUMBER | PRODUCT DESCRIPTION  | PRODUCT CODE | UNIT OF ISSUE | FY22 Jan 1- \$129.36 PRICE / UoM |
|--|-----------------------|--|--------------|---------------|----------------------------------|
| <b>Top Ten Product Orders (Quantity)</b> |                       |  |              |               |                                  |
| BULK and PC&S                            | 9130-00-359-2026      | Turbine Fuel, Aviation, Jet A (Jet A with additives {F24})   | JAA          | GL            | \$3.06                           |
| BULK and PC&S                            | 9130-01-031-5816      | Turbine Fuel, Aviation, JP-8   | JP8          | GL            | \$3.08                           |
| BULK and PC&S                            | 9140-00-273-2377      | Fuel Oil, Naval, Distillate  | F76          | GL            | \$3.10                           |
| BULK and PC&S                            | 9130-00-273-2379      | Turbine Fuel, Aviation JP-5  | JP5          | GL            | \$3.11                           |
| INTOPLANE                                | 9130-01-305-4097      | Turbine Fuel, Aviation, Jet A (Into-Plane)   | IAA          | GL            | \$3.50                           |
| BULK and PC&S                            | 9140-00-286-5294      | Diesel Fuel, Grade 2-D, S5000, Dyed Red  | DF2          | GL            | \$2.76                           |
| BUNKERS                                  | 9140-01-313-7776      | Gas Oil, Marine (Bunker Program Only)  | MGO          | GL            | \$3.18                           |
| BULK and PC&S                            | 9140-01-524-0139      | Diesel Fuel, Grade 2-D S15   | DS2          | GL            | \$2.98                           |
| BULK and PC&S                            | 9130-01-481-6869      | Turbine Fuel, Aviation, Jet A-1 (Non Contract Source at an Airport)                                    | NA1          | GL            | \$3.77                           |
| BULK and PC&S                            | 9130-01-481-6836      | Turbine Fuel, Aviation, Jet A (Non Contract Source at an Airport)                                      | NAA          | GL            | \$3.77                           |
| <b>Aviation Gasoline</b>                 |                       |  |              |               |                                  |
| BULK and PC&S                            | 9130-00-179-1122      | Gasoline, Aviation, Grade 100LL  | 130          | GL            | \$3.50                           |
| BULK and PC&S                            | 9130-01-531-4426      | Gasoline, Aviation 100LL, OCONUS   | 100 (LL)     | GL            | \$13.77                          |
| BULK and PC&S                            | 9130-01-493-5112      | Gasoline, Aviation, Any Grade (Non Contract Source at an Airport)                                      | N13          | GL            | \$6.73                           |
| <b>Automotive Gasoline</b>               |                       |  |              |               |                                  |
| BULK and PC&S                            | 9130-01-542-5289      | Tupras 243 Spec Gasoline   | MUJ          | GL            | \$4.33                           |
| BULK and PC&S                            | 9130-01-470-2024      | Gasoline, Automotive (Fuel Ethanol), Grade Ed85  | E85          | GL            | \$3.01                           |
| BULK and PC&S                            | 9130-01-355-2393      | Gasoline, Automotive (Gasohol), Unleaded, Mid-Grade, AKI 89  | GUM          | GL            | \$3.19                           |
| BULK and PC&S                            | 9130-01-090-1094      | Gasoline, Automotive (Gasohol), Unleaded, Premium, AKI 91  | GUP          | GL            | \$3.54                           |
| BULK and PC&S                            | 9130-01-090-1093      | Gasoline, Automotive (Gasohol), Unleaded, Regular, AKI 87  | GUR          | GL            | \$3.01                           |
| BULK and PC&S                            | 9130-01-388-4080      | Gasoline, Automotive (Fuel Methanol), Grade M85  | M85          | GL            | \$2.65                           |
| BULK and PC&S                            | 9130-01-289-8638      | Gasoline, Automotive, Unleaded, Grade 2, RON 89 (Korea PC&S Only)                                      | MG7          | GL            | \$3.67                           |
| BULK and PC&S                            | 9130-01-388-4513      | Gasoline, Automotive, Reformulated, Mid-Grade, AKI 89  | MMR          | GL            | \$3.19                           |
| BULK and PC&S                            | 9130-01-388-4524      | Gasoline, Automotive, Reformulated, Premium, AKI 91  | MPR          | GL            | \$3.57                           |
| BULK and PC&S                            | 9130-01-388-4080      | Gasoline, Automotive, Reformulated, Regular, AKI 87  | MRR          | GL            | \$3.03                           |
| BULK and PC&S                            | 9130-01-466-9213      | Gasoline, Automotive, Unleaded, Premium Grade (Turkey PC&S Only)                                       | MTP          | GL            | \$3.57                           |
| BULK and PC&S                            | 9130-01-272-0983      | Gasoline, Automotive, Unleaded, Mid-Grade, AKI 89  | MUM          | GL            | \$3.19                           |
| BULK and PC&S                            | 9130-00-148-7104      | Gasoline, Automotive, Unleaded, Premium, AKI 91  | MUP          | GL            | \$3.55                           |
| BULK and PC&S                            | 9130-00-148-7103      | Gasoline, Automotive, Unleaded, Regular, AKI 87  | MUR          | GL            | \$3.01                           |
| BULK and PC&S                            | 9130-01-493-5176      | Gasoline, Automotive (Fuel Ethanol) (Any Grade) (Non Contract Source at a Gas Station)                 | N85          | GL            | \$3.22                           |
| BULK and PC&S                            | 9130-01-485-0982      | Gasoline, Automotive Any Type or Grade (Non Contract Source at a Gas Station)                          | NMU          | GL            | \$3.22                           |
| BULK and PC&S                            | 9130-01-578-0515      | Liquid Fuel (Non-Contract NATO Ground Fuel), Afghanistan   | NNF          | GL            | \$5.00                           |
| BULK and PC&S                            | 9130-01-526-4844      | Gasoline, Automotive, Unleaded, RON 92 (For Pakistan and Afghanistan Only)                             | PAG          | GL            | \$3.57                           |
| BULK and PC&S                            | 9130-01-527-5763      | Gasoline, Automotive, Premium, 50ppm Sulfur  | ULG          | GL            | \$3.57                           |
| <b>Aviation Turbine Fuel</b>             |                       |  |              |               |                                  |
| BULK and PC&S                            | 9130-01-373-0208      | Turbine Fuel, Aviation, Freeze Point -72 F   | AN8          | GL            | \$3.94                           |
| BULK and PC&S                            | 9130-01-545-8464      | Turbine Fuels, Aviation, Kerosene Types, NATO F-34   | F34          | GL            | \$3.08                           |
| INTOPLANE                                | 9130-01-305-5597      | Turbine Fuel, Aviation, JP-8 (Into-Plane)  | IP8          | GL            | \$3.50                           |
| BULK and PC&S                            | 9130-01-234-1738      | Turbine Fuel, Aviation, Freeze Point -50 F   | J50          | GL            | \$3.08                           |
| BULK and PC&S                            | 9130-00-753-5026      | Turbine Fuel, Aviation, Jet A-1  | JA1          | GL            | \$3.08                           |
| BULK and PC&S                            | 9130-00-359-2026      | Turbine Fuel, Aviation, Jet A (Jet A with additives {F24})   | JAA          | GL            | \$3.06                           |
| BULK and PC&S                            | 9130-01-234-1737      | Turbine Fuel, Aviation Jet B   | JAB          | GL            | \$3.19                           |
| BULK and PC&S                            | 9130-00-256-8613      | Turbine Fuel, Aviation JP-4  | JP4          | GL            | \$3.19                           |
| BULK and PC&S                            | 9130-00-273-2379      | Turbine Fuel, Aviation JP-5  | JP5          | GL            | \$3.11                           |
| BULK and PC&S                            | 9130-01-499-9521      | Turbine Fuel, Aviation, JP-5 (For OCONUS Bunker Program Only)  | JP5          | MT            | \$1,003.91                       |
| BULK and PC&S                            | 9130-01-031-5816      | Turbine Fuel, Aviation, JP-8   | JP8          | GL            | \$3.08                           |
| BULK and PC&S                            | 9130-00-551-2264      | Turbine Fuel, Aviation, Thermally Stable   | JPTS         | GL            | \$4.79                           |
| BULK and PC&S                            | 9130-01-481-6869      | Turbine Fuel, Aviation, Jet A-1 (Non Contract Source at an Airport)                                    | NA1          | GL            | \$3.77                           |
| BULK and PC&S                            | 9130-01-481-6836      | Turbine Fuel, Aviation, Jet A (Non Contract Source at an Airport)                                      | NAA          | GL            | \$3.77                           |
| BULK and PC&S                            | 9130-01-481-6868      | Turbine Fuel, Aviation, Jet B (Non Contract Source at an Airport)                                      | NAB          | GL            | \$3.89                           |
| BULK and PC&S                            | 9130-01-572-4320      | Turbine Fuels, Aviation, Kerosene Types, NATO F-34 (Local Purchase)                                    | NNJ          | GL            | \$5.00                           |
| BULK and PC&S                            | 9130-01-491-2201      | Turbine Fuel, Aviation, Grade TS-1   | TS1          | GL            | \$3.08                           |
| BULK and PC&S                            | 9130-21-905-7412      | Turbine Fuel, Aviation, Canadian JA1   | CA1          | GL            | \$3.08                           |
| INTOPLANE                                | 9130-01-305-4096      | Turbine Fuel, Aviation, Jet A-1 (Into-Plane)   | IA1          | GL            | \$3.50                           |
| INTOPLANE                                | 9130-01-525-4045      | Turbine Fuel, Aviation, Jet A-1 Reduced Price Fuel Kuwait IAP Only (Into-Plane)                        | JF1          | GL            | \$0.18                           |
| INTOPLANE                                | 9130-01-305-4097      | Turbine Fuel, Aviation, Jet A (Into-Plane)   | IAA          | GL            | \$3.50                           |
| INTOPLANE                                | 9130-01-305-5595      | Turbine Fuel, Aviation, Jet B (Into-Plane)   | IAB          | GL            | \$3.50                           |
| INTOPLANE                                | 9130-01-481-6869      | Turbine Fuel, Aviation, Jet A-1 (Non Contract Source at an Airport)                                    | NA1          | GL            | \$3.77                           |
| INTOPLANE                                | 9130-01-481-6836      | Turbine Fuel, Aviation, Jet A (Non Contract Source at an Airport)                                      | NAA          | GL            | \$3.77                           |
| INTOPLANE                                | 9130-01-481-6868      | Turbine Fuel, Aviation, Jet B (Non Contract Source at an Airport)                                      | NAB          | GL            | \$3.89                           |
| INTOPLANE                                | 9130-01-492-4931      | Turbine Fuel, Aviation, Grade TS-1   | TS1          | GL            | \$3.08                           |
| <b>Diesel Fuel</b>                       |                       |  |              |               |                                  |
| BULK and PC&S                            | 9140-01-527-4321      | Diesel Fuel, Grade 1-D S5000 (Not Dyed) (For Alaska PC&S Only)   | AG1          | GL            | \$3.40                           |
| BULK and PC&S                            | 9140-01-527-4363      | Diesel Fuel, Grade 2-D S5000 (Not Dyed) (For Alaska and Guam PC&S Only)                                | AG2          | GL            | \$3.03                           |
| BULK and PC&S                            | 9140-01-470-4520      | Diesel Fuel, Biodiesel B20   | BDI          | GL            | \$2.98                           |
| BULK and PC&S                            | 9140-00-286-5286      | Diesel Fuel, Grade 1-D, S5000, Dyed Red  | DF1          | GL            | \$3.08                           |
| BULK and PC&S                            | 9140-00-286-5294      | Diesel Fuel, Grade 2-D, S5000, Dyed Red  | DF2          | GL            | \$2.76                           |
| BULK and PC&S                            | 9140-01-524-5174      | Diesel Fuel, Grade 1-D S15   | DS1          | GL            | \$3.15                           |
| BULK and PC&S                            | 9140-01-524-0139      | Diesel Fuel, Grade 2-D S15   | DS2          | GL            | \$2.98                           |
| BULK and PC&S                            | 9140-01-541-6760      | Diesel Fuel, ULSD, Red Dyed, Grade No. 2   | DSS          | GL            | \$3.03                           |
| BULK and PC&S                            | 9140-01-541-6767      | Diesel Fuel, ULSD, Red Dyed, Grade No. 1   | DSW          | GL            | \$3.13                           |
| BULK and PC&S                            | 9140-01-520-7119      | Diesel Fuel, (CFPP = -10 C Winter & 5 C Summer) (For Use in Turkey PC&S Program)                       | DT2          | GL            | \$3.19                           |
| BULK and PC&S                            | 9140-01-546-1786      | Diesel Fuel, Low Sulfur Fuel Oil, Bumer, No. 2 S500, Dyed Red, Untaxed. 0.05% Sulfur max (Alaska PC&S) | FL2          | GL            | \$2.65                           |
| BULK and PC&S                            | 9140-01-398-1422      | Diesel Fuel, Grade 1-D S5000 (Dyed Red)  | HS1          | GL            | \$3.03                           |
| BULK and PC&S                            | 9140-01-398-1395      | Diesel Fuel, Grade 2-D S5000 (Dyed Red)  | HS2          | GL            | \$2.74                           |
| BULK and PC&S                            | 9140-01-534-3068      | Diesel Fuel, Class 3, Regular (Korea)  | KDR          | GL            | \$3.03                           |
| BULK and PC&S                            | 9140-01-534-3332      | Diesel Fuel, Class 3 Winter Grade (Korea)  | KDW          | GL            | \$3.08                           |
| BULK and PC&S                            | 9140-01-398-1130      | Diesel Fuel, Grade 1-D S500 (For Conus PC&S, Navy and Federal Civilian Activities)                     | LS1          | GL            | \$3.10                           |
| BULK and PC&S                            | 9140-01-413-4919      | Diesel Fuel, Grade 2-D S500, Dyed Red (For Conus PC&S, Navy and Federal Civilian Activities)           | LSS          | GL            | \$2.65                           |
| BULK and PC&S                            | 9140-01-413-7494      | Diesel Fuel, Grade 1-D S500, Dyed Red (For Conus PC&S, Navy and Federal Civilian Activities)           | LSW          | GL            | \$2.76                           |
| BULK and PC&S                            | 9140-01-493-5556      | Diesel Fuel, Biodiesel B20 (Non Contract Source at a Gas Station)                                      | N20          | GL            | \$3.22                           |
| BULK and PC&S                            | 9140-01-485-0991      | Diesel Fuel #2   | NLS          | GL            | \$3.22                           |
| BULK and PC&S                            | 9140-01-526-5493      | Diesel Fuel (For Use in Pakistan and Afghanistan Only)   | PAD          | GL            | \$3.24                           |
| BULK and PC&S                            | 9140-01-492-7612      | Diesel Fuel (Turkmenistan PC&S, Eurasia PC&S used for Afghanistan)                                     | RDF          | GL            | \$3.24                           |
| BULK and PC&S                            | 9140-01-556-9156      | Diesel Fuel, Sulfur 10 ppm max (For use in Europe PC&S)  | SFD          | GL            | \$2.97                           |
| BULK and PC&S                            | 9140-01-528-4488      | Diesel Fuel (Texas Low Emission)   | TX2          | GL            | \$3.03                           |
| BULK and PC&S                            | 9140-01-541-9557      | Diesel Fuel, ULSD, Dyed, Texas Low Emission  | TXR          | GL            | \$3.03                           |
| BULK and PC&S                            | 9140-01-496-0135      | Diesel Fuel, 50 ppm Sulfur   | ULD          | GL            | \$2.97                           |

| PROGRAM  | NATIONAL STOCK NUMBER | PRODUCT DESCRIPTION   | PRODUCT CODE | UNIT OF ISSUE | Jan 1- \$129.36 PRICE / UofM |
|--|-----------------------|---|--------------|---------------|------------------------------|
| <b>Fuel Oil</b>  |                       |   |              |               |                              |
| BULK and PC&S  | 9140-00-273-2377      | Fuel Oil, Naval, Distillate   | F76          | GL            | \$3.10                       |
| BULK and PC&S  | 9140-01-408-7183      | Fuel Oil, Burner, Type No. 1 (-2.5 C Pour Point) (For Use in Japan)                                 | FJ1          | GL            | \$3.03                       |
| BULK and PC&S  | 9140-01-408-7198      | Fuel Oil, Burner, Special No. 3 (-30 C Pour Point) (For Use in Japan)                               | FJ3          | GL            | \$3.03                       |
| BULK and PC&S  | 9140-01-058-4431      | Fuel Oil, Burner, Grade No. 5 (Light), Virgin Oil Only  | FL5          | GL            | \$1.89                       |
| BULK and PC&S  | 9140-00-247-4366      | Fuel Oil, Burner, Grade No. 1, Virgin Oil Only  | FS1          | GL            | \$3.01                       |
| BULK and PC&S  | 9140-00-247-4365      | Fuel Oil, Burner, Grade No. 2, Virgin Oil Only  | FS2          | GL            | \$2.66                       |
| BULK and PC&S  | 9140-00-247-4360      | Fuel Oil, Burner, Grade No. 4, Virgin Oil Only  | FS4          | GL            | \$1.97                       |
| BULK and PC&S  | 9140-00-247-4354      | Fuel Oil, Burner, Grade No. 6, Virgin Oil Only  | FS6          | GL            | \$1.56                       |
| BULK and PC&S  | 9140-01-443-5048      | Fuel Oil, Marine, Residual, Grade RME-180   | RME          | GL            | \$1.83                       |
| BUNKERS  | 9140-01-271-5280      | Fuel Oil, Intermediate Grade RME-180 (For Bunker Program Only)                                      | 180          | GL            | \$2.33                       |
| BUNKERS  | 9140-01-417-6645      | Fuel Oil, Intermediate Grade RME-180 (For Bunker Program Only)                                      | 180          | MT            | \$638.63                     |
| BUNKERS  | 9140-01-235-2882      | Fuel Oil, Intermediate Grade RMG-380 (For Bunker Program Only)                                      | 380          | GL            | \$2.33                       |
| BUNKERS  | 9140-01-417-6632      | Fuel Oil, Intermediate Grade RMG-380 (For Bunker Program Only)                                      | 380          | MT            | \$632.94                     |
| BUNKERS  | 9140-01-068-6903      | Fuel Oil, Reclaimed   | FOR          | GL            | \$0.95                       |
| <b>Gas Oil</b>   |                       |   |              |               |                              |
| BUNKERS  | 9140-01-313-7776      | Gas Oil, Marine (Bunker Program Only)   | MGO          | GL            | \$3.18                       |
| BUNKERS  | 9140-01-417-6843      | Gas Oil, Marine (For Bunkers Program Only)  | MGO          | MT            | \$1,002.65                   |
| <b>Kerosene</b>  |                       |   |              |               |                              |
| BULK and PC&S  | 9140-01-408-7211      | Kerosene, Class No. 1 (For Use in Japan)  | KJ1          | GL            | \$3.51                       |
| BULK and PC&S  | 9140-01-292-4460      | Kerosene, Grade No. 1-K, Un-Dyed (Not For Use in Un-Vented Heaters)                                 | KS1          | GL            | \$3.03                       |
| BULK and PC&S  | 9140-00-242-6748      | Kerosene, Grade No. 2-K   | KSN          | GL            | \$2.92                       |
| BULK and PC&S  | 9140-01-461-3989      | Kerosene, Grade No. 1-K, Dyed Red (Not For Use in Un-Vented Heaters)                                | KSR          | GL            | \$3.03                       |
| BULK and PC&S  | 9140-01-493-8592      | Kerosene, Any Grade (Non Contract Source)   | NKS          | GL            | \$3.22                       |
| <b>Lubricating Oil</b>                                   |                       |   |              |               |                              |
| BULK and PC&S  | 9150-01-555-3598      | Lubricating Oil, Engine 40  | L40          | GL            | \$8.84                       |
| BULK and PC&S  | 9150-00-985-7031      | Lubricating Oil, Jet Engine, Grade 1010   | LA6          | GL            | \$11.17                      |
| BULK and PC&S  | 9150-01-430-2884      | Lubricating Oil, Aircraft Piston Engine (Nondispersant Mineral Oil) SAE Grade 60                    | LA7          | GL            | \$11.17                      |
| BULK and PC&S  | 9150-01-690-2455      | Lubricating Oil, Catapult Launch Engine   | CLB          | GL            | \$11.17                      |
| BULK and PC&S  | 9150-01-614-2529      | Lubricating Oil, General Purpose (Smoke Oil)  | C13          | GL            | \$11.83                      |
| BULK and PC&S  | 9150-01-372-6915      | Lubricating Oil, Steam Turbine and Gear, MIL Symbol 2190  | LTL          | GL            | \$8.84                       |
| BUNKERS  | 9150-00-181-8232      | Lubricating Oil, Shipboard, MIL Symbol 9250   | LO6          | GL            | \$8.84                       |
| <b>Bunkers Open Market (Local Purchase Manual/Paper)</b> |                       |   |              |               |                              |
| BUNKERS  | 9140-01-439-2461      | Bunkers Open Market (Local Purchase Manual/Paper) Fuel Oil, Naval, Any Grade Distillate or Residual | NBF          | GL            | \$4.15                       |
| <b>SEA Card® Open Market</b>                             |                       |   |              |               |                              |
| BUNKERS  | 9140-01-550-7149      | MGO SEA Card® (All Products other than IFO 180 & 380)   | NMG          | GL            | \$3.18                       |
| BUNKERS  | 9140-01-551-1302      | MGO SEA Card® (All Products other than IFO 180 & 380)   | NMT          | MT            | \$1,002.65                   |
| BUNKERS  | 9140-01-564-1652      | IFO SEA Card® Fuel Oil, Intermediate Grade IFO-180/RME-25   | N18          | GL            | \$2.33                       |
| BUNKERS  | 9140-01-564-1907      | IFO SEA Card® Fuel Oil, Intermediate Grade IFO-180/RME-25   | N18          | MT            | \$638.63                     |
| BUNKERS  | 9140-01-564-4232      | IFO SEA Card® Fuel Oil, Intermediate Grade IFO-380/RMG-35   | N38          | GL            | \$2.33                       |
| BUNKERS  | 9140-01-564-2827      | IFO SEA Card® Fuel Oil, Intermediate Grade IFO-380/RMG-35   | N38          | MT            | \$632.94                     |
| <b>SEA Card® Swipe Program</b>                           |                       |   |              |               |                              |
| BUNKERS  | 9130-01-577-2445      | Commercial Swipe (All Grades) Non-Level 3 Data  | NL3          | GL            | \$3.22                       |
| BUNKERS  | 9140-01-577-5512      | Commercial Swipe Marine Diesel  | NMD          | GL            | \$3.22                       |
| <b>Natural Gas</b>                                       |                       |   |              |               |                              |
| BULK and PC&S  | 6830-01-377-8183      | Gas, Natural, Dry, Compressed, Vehicular Fuel   | CNG          | GL            | \$1.64                       |
| BULK and PC&S  | 6830-01-628-8003      | Off Base LPG  | NLP          | GL            | \$3.03                       |
| BULK and PC&S  | 6830-01-628-6318      | Gas, Natural, Dry, Compressed, Vehicular Fuel (Non Contract Source at a Gas Station)                | NNG          | GL            | \$1.82                       |
| <b>Other Products</b>                                    |                       |   |              |               |                              |
| BULK and PC&S  | 9130-01-036-2767      | Fuel, Slop  | SLP          | GL            | \$2.76                       |