

**Transportation and Export Report for 30 March 2023**

Dry bulk ocean freight markets were fairly quiet and dull this week. Markets have mostly been moving sideways. Vessel owners continue to look for improved cargo demand, and finding none, must settle for holding rates steady and not losing ground. All eyes are on China.

Panamax FFA paper for Q2 traded to \$15,700/day, with Q3 trading at \$17,150/day.

The BALTIC DRY-BULK PANAMAX INDEX CHANGES

| Panamax Ocean Freight Indices | | | | | |
|------------------------------------|---------|-----------|-----------|------------|----------------|
| 30-Mar-2023 | | This Week | Last Week | Difference | Percent Change |
| P2A: Gulf/Atlantic - HK-Korea | Index | 22205 | 22109 | 96 | 0.4% |
| P3A: PNW/Pacific - RV Korea-Taiwan | Index | 14257 | 14382 | -125 | -0.9% |
| S1C: US GULF-China-So.Japan | Index | 19586 | 20536 | -950 | -4.6% |
| P7: Trial- Miss. River - Qingdao | per ton | 51.56 | 51.10 | 0.46 | 0.9% |
| P8: Trial- Santos - Qingdao | per ton | 42.74 | 41.06 | 1.68 | 4.1% |

Recent history of freight values for Capesize vessels of Iron-Ore from West Australia to South China:

| | |
|------------------|---------------|
| Four weeks ago: | \$6.50-\$7.50 |
| Three weeks ago: | \$7.80-\$8.15 |
| Two weeks ago: | \$8.25-\$8.90 |
| One week ago: | \$8.85-\$8.65 |
| This week | \$8.55-\$7.85 |

US Vessel Line-Ups/Estimated vessel berthing delays at U.S. Export Grain Elevators:

| | | |
|---------------------|---------------|---|
| Mississippi River: | (9 elevators) | 3-10 days (only 1 facility over 5 days) |
| Mid-Stream loaders: | (6+ Rigs) | 0-1 days |
| Texas Gulf | (5 elevators) | 0-4 days (3 Facilities at zero days) |
| Pacific Northwest: | (9 elevators) | 0-8 days (5 facilities at zero days) |

| Panamax Market Spreads to Asia -China | | | | | |
|---------------------------------------|---------|---------|---------------|--------------|-----------|
| 30-Mar-2023 | GULF | PNW | Bushel Spread | Tonne Spread | Advantage |
| CORN | 1.05 | 1.70 | 0.65 | \$25.59 | GULF |
| SOYBEANS | 1.15 | 2.20 | 1.05 | \$38.58 | GULF |
| OCEAN FREIGHT | \$51.50 | \$28.50 | .58-.63 | \$23.00 | APRIL |

Current Grain Vessel Market Indications:

**** Rates are estimates for the nearby-30-day period. 60-90 days forward physical rates will usually be higher.**

Soybean Panamax USG to Spain is running \$30.50 - \$32.00/mt.

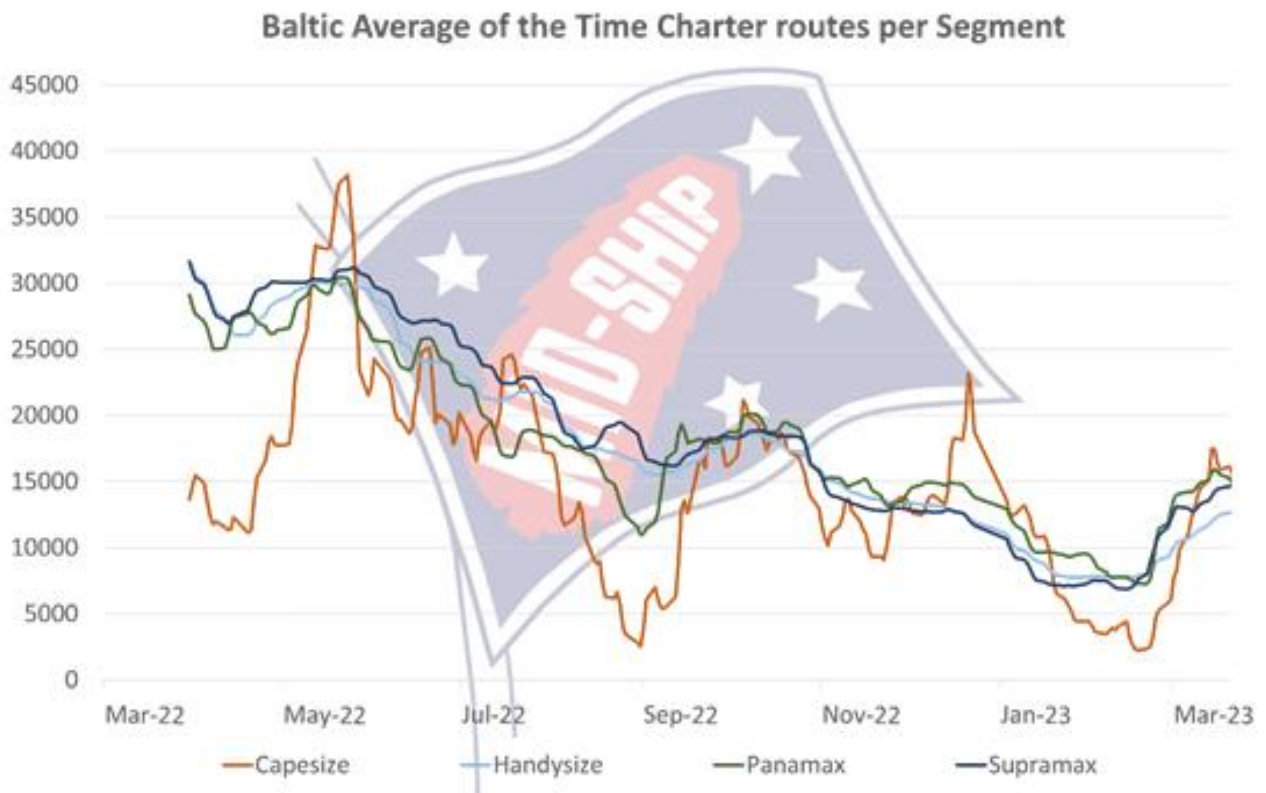
Soybean Brazil to Spain about \$38.50 - \$39.50/mt.

| Route and Vessel Size | Current Week USD/MT | Change from previous week | Remarks |
|--|---------------------|---------------------------|--|
| 55,000 U.S. Gulf-Japan | \$52.00 | Unchanged | Handymax \$52.50 mt |
| 55,000 U.S. PNW- Japan | \$29.00 | Unchanged | Handymax at \$29.50 mt |
| 65,000 U.S. Gulf – China | \$51.50 | Unchanged | North or South China |
| PNW to China | \$28.50 | Unchanged | |
| 25,000 U.S. Gulf- Veracruz, México | \$22.50 | Unchanged | 3,000 MT daily discharge rate |
| 35-40,000 U.S. Gulf- Veracruz, México | \$19.00 | Unchanged | Deep draft and 6,000 MT per day discharge rate. |
| 30-38,000 U.S. Gulf- Colombia | \$30.00 | Unchanged | <u>West Coast Colombia at \$33.00</u> |
| 50,000 USG- E/C Colombia | \$28.00 | | |
| <u>East Coast Colombia</u> From Argentina | \$38.00 | | |
| 40-45,000 U.S. Gulf - Guatemala | \$38.00 | Unchanged | Acajutla/Quetzal - 8,000 out |
| 30,000 US Gulf-Morocco | \$35.00 | Unchanged | 5,000 discharge rate |
| 55-60,000 U.S. Gulf –Egypt | \$31.50 | Unchanged | 55,000-60,000 mt Egypt |
| PNW to Egypt | \$32.50 | | Romania - Russia- Ukraine \$14.50 - \$17.00 - \$32.00 - France \$23.00, Bulgaria \$15.50 |
| 58-74,000 U.S. Gulf – Europe – Rotterdam | \$27.00 | Unchanged | Handymax at +\$2.50 more |
| Brazil, Santos –China | \$44.50 | Up \$0.50 | 54-59,000 Supramax-Panamax |
| Brazil, Santos –China | \$42.50 | | 60-66,000 Post Panamax |
| Up-River Port North Brazil | \$48.50 | | 55-60,000 mt |
| 56-60,000 Argentina-China | \$47.50 | Up \$0.50 | Up-River with Top Off Plus \$3.85-\$4.75 |
| Deep draft | | | |

Baltic Dry Bulk Freight Index



The Baltic Dry Bulk Freight Index- Cape-Panamax-Supra and Handy

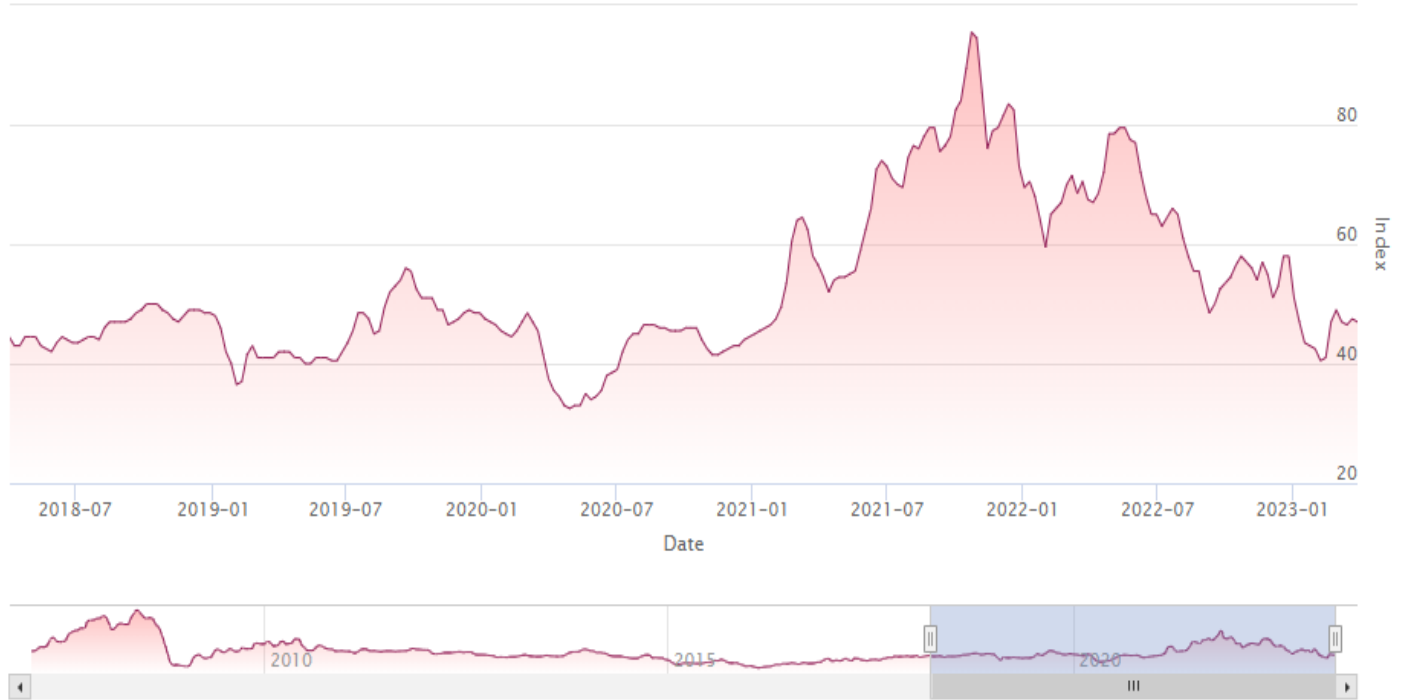


YAMAMIZU Index



Zoom **1m** 3m 6m YTD 1y 3y **5y** All

From 2018-03-29 To 2023-03-29



| China Import Dry Bulk Freight Index | | | | | |
|---|------------|----------|--------|---------|--------|
| 2023-03-30 | | | | | |
| Description | Volume | Cargo | Unit | Rate | Change |
| Composite Index | | | Point | 1057.86 | 9.09 |
| Iron ore Freight Index | | | Point | 975.33 | 17.5 |
| Dampier(West Australia)-Qingdao (China) | 170000/10% | Iron ore | \$/ton | 7.871 | 0.027 |
| Soybean Freight Index | | | Point | 1186.1 | 13.01 |
| Santos(Brazil)— North China | 66000/10% | Soybean | \$/ton | 41.07 | 0.65 |
| Tacoma(West America)—North China | 63000/10% | Soybean | \$/ton | 28.8 | 0.2 |
| Mississippi(US Gulf)—North China | 66000/10% | Soybean | \$/ton | 51.46 | 0.29 |

30 March 2023 U.S. FOB Vessel Export Market Values:

| U.S. Yellow Corn (USD/MT) FOB Vessel | | | | | CORN | FUTURES |
|--------------------------------------|-------------|-----------------|------------|-----------------|------|---------|
| #2 YC | GULF # 2 YC | | PNW # 3 YC | | K = | 6.4950 |
| Max. 14.5% moisture | BASIS | FLAT PRICE | BASIS | FLAT PRICE | N = | 6.2725 |
| Apr. | 1.05 | \$297.03 | 1.70 | \$322.62 | U = | 5.7675 |
| May | 1.00 | \$295.06 | 1.64 | \$320.26 | Z = | 5.6700 |
| June | 1.14 | \$291.81 | 1.77 | \$316.62 | H = | 5.7450 |
| July | 0.99 | \$285.91 | 1.65 | \$311.89 | K = | 5.7900 |
| Aug. | 1.41 | \$282.56 | 2.05 | \$307.76 | | |
| Sept. | 1.27 | \$277.05 | 1.92 | \$302.64 | | |

PNW rail markets for March-April are extremely thin, and rail road incentives to Exporters to promote movement west are making values difficult to pin point. PNW Fob vessel values are therefore a bit of a guessing game.

The Gulf spread between #2 YC & #3 YC is currently about .03 cents per bushel (1.10/mt) at USG but is out to .04/bushel in the PNW.

| SORGHUM (USD/MT) FOB VESSEL | | |
|-----------------------------|------------|-----------------|
| #2 YGS Fob Vessel | TEXAS Gulf | |
| Max. 14.0% moisture | BASIS | FLAT PRICE |
| Apr. | 2.35 | \$348.21 |
| May | 2.30 | \$346.24 |
| June | 2.30 | \$337.48 |
| July | 2.25 | \$335.51 |
| Aug. | 2.35 | \$319.57 |

Fob vessel Texas Gulf #2 Sorghum is about 117 % the value of #2 Yellow Corn at NOLA.

U.S. SRW Wheat Fob Vessel at the Center U.S. Gulf

| SRW Wheat | USD/MT | Fob Vessel | US Gulf | |
|---------------|-------------|------------|-------------|-------------|
| | Apr. | May | June | July |
| FOB U.S. GULF | \$295.51 | \$290.36 | \$288.25 | \$280.17 |
| Basis | 1.12 | 0.98 | 0.80 | 0.58 |
| WK | 6.9225 | | | . |
| WN | 7.0450 | | | |
| WU | 7.1675 | | | |

| U.S. Yellow Soybeans (USD/MT) FOB Vessel | | | | |
|--|------------------|-----------------|------------|-----------------|
| # 2 YSB | U.S. Gulf #2 YSB | | PNW #2 YSB | |
| 14.0 % Moisture | Basis | Flat Price | Basis | Flat Price |
| Apr. | 1.15 | \$584.04 | 2.20 | \$622.62 |
| May | 1.10 | \$582.20 | 2.15 | \$620.78 |
| June | 1.20 | \$575.77 | 2.15 | \$610.67 |
| July | 1.12 | \$572.83 | 2.07 | \$607.73 |
| Aug. | 1.05 | \$553.26 | 2.00 | \$588.17 |
| Soybean Futures | | | | |
| May | \$ 14.7450 | | | |
| July | \$ 14.4700 | | | |
| Aug. | \$ 14.0075 | | | |
| Sept. | \$ 13.3175 | | | |
| Nov. | \$ 13.0350 | | | |
| Jan. | \$ 13.0925 | | | |

Soybean cargo demand at PNW ports is thin and rail delivery markets there are very difficult to accurately pinpoint. The above Fob vessel values in the PNW are therefore based on best guesses.

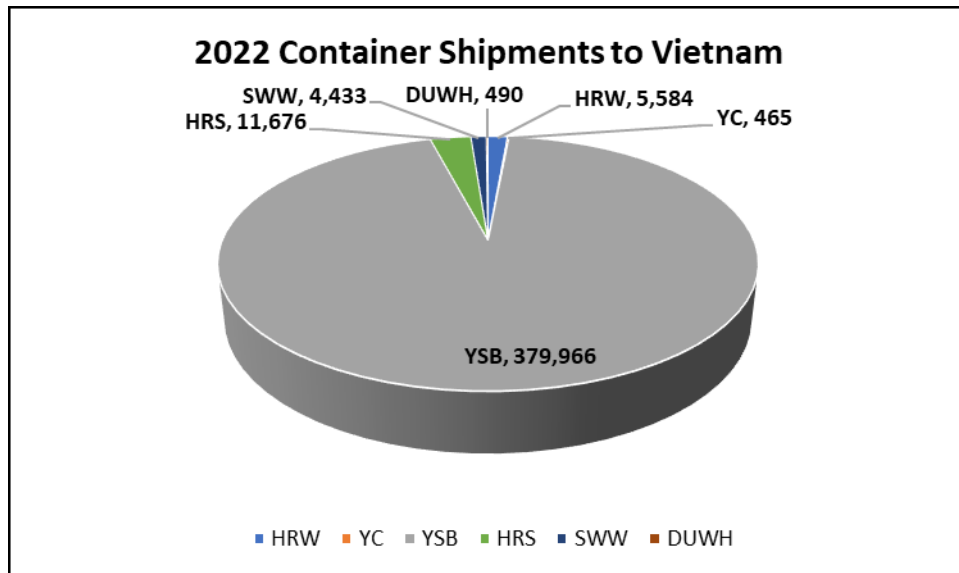
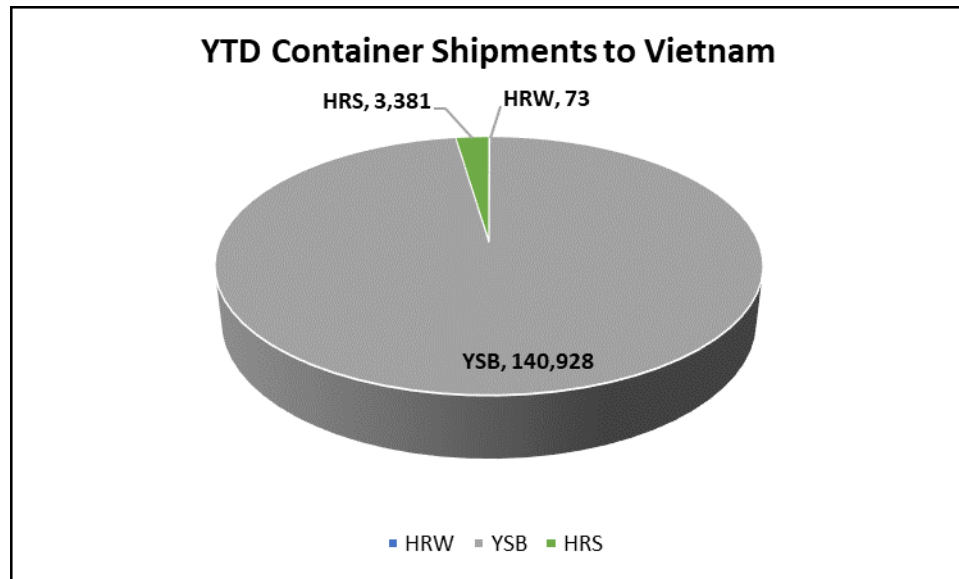
U.S. Soybean and SBM Markets Fob Vessel:

| U.S. SBM (USD/MT) FOB Vessel | | |
|------------------------------|---------------|------------------|
| Fob U.S. Gulf Port | 47.5 Pro. SBM | |
| max 12.5 % moisture | Basis | Flat Price |
| Apr. | 36.00 | \$ 541.22 |
| May | 36.00 | \$ 541.22 |
| June | 39.00 | \$ 533.17 |
| July | 35.00 | \$ 528.76 |
| Aug. | 42.00 | \$ 522.47 |
| SBM Futures | | |
| SMK | \$ 459.90 | |
| SMN | \$ 454.90 | |
| SMQ | \$ 444.60 | |
| SMU | \$ 431.90 | |
| SMV | \$ 420.00 | |
| SMZ | \$ 417.10 | |

Data sheet below: *USDA weekly export inspections report with corrections to the last three weeks' grain export inspections reports. (This usually covers a 2-5-week prior time frame).*

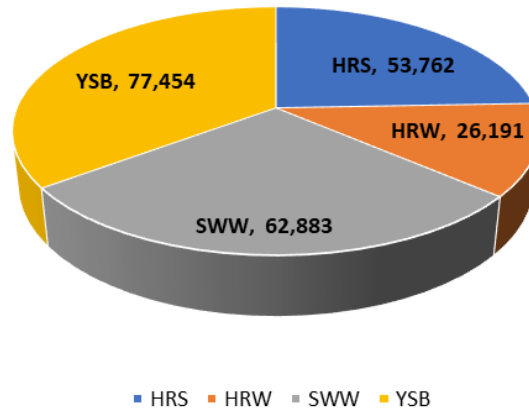
| CONTAINER SHIPMENTS of GRAIN | | | | | | | | | |
|---|---------------|-------------|---------------|--------------|--------------|-----------|----------|----------|---------------|
| USDA Grain Inspections Report: | | 23-Mar-2023 | | | | | | | |
| Last Week | metric tons | | | | | | | | MT |
| | YC | WC | YSB | SRW | NS | HRW | SWH | Sorghum | TOTAL |
| China | | | 20,519 | | | | | | 20,519 |
| Taiwan | 8,399 | | 1,981 | 294 | | | | | 10,674 |
| Hong Kong | 1,493 | | | | | | | | 1,493 |
| Costa Rica | | | | | | | | | 0 |
| Indonesia | 392 | | 11,387 | | | | | | 11,779 |
| French Poly | | | | | | | | | 0 |
| Japan | | | 2,275 | | | | | | 2,275 |
| Korea Rep. | 24 | | 489 | 392 | | | | | 905 |
| Chile | | | | | | | | | 0 |
| Malaysia | 563 | | 2,694 | 735 | 490 | | | | 4,482 |
| Netherlands | 4,015 | | | | | | | | 4,015 |
| Philippines | | | 1,493 | | | | | | 1,493 |
| Thailand | | | 612 | | | | | | 612 |
| Nepal | | | | | | | | | 0 |
| Burma | | | | | | | | | 0 |
| India | | | | | | | | | 0 |
| Cambodia | | | 196 | | | | | | 196 |
| Vietnam | | | 6,461 | | 980 | 73 | | | 7,514 |
| Sub Total: | 14,886 | 0 | 48,107 | 1,421 | 1,470 | 73 | 0 | 0 | 65,957 |
| USDA Corrections/Additions to previous reports: | | | | | | | | | |
| Taiwan | 637 | | | | | | | | 637 |
| China | | | | | | | | | 0 |
| Hong Kong | | | | | | | | | 0 |
| Korea Rep. | | | | | | | | | 0 |
| Un Kingdom | | | | | | | | | 0 |
| Japan | | | 220 | | | | | | 220 |
| Philippines | | | | | | | | | 0 |
| Indonesia | | | 98 | | | | | | 98 |
| Malaysia | | | | | | | | | 0 |
| Thailand | | | 97 | | | | | | 97 |
| Vietnam | | | | | | | | | 0 |
| Burma | | | | | | | | | 0 |
| Cambodia | | | | | | | | | 0 |
| Sub Total: | 637 | 0 | 415 | 0 | 0 | 0 | 0 | 0 | 1,052 |
| Mt. Grand Total | 15,523 | 0 | 48,522 | 1,421 | 1,470 | 73 | 0 | 0 | 67,009 |
| Number of Containers | 675 | 0 | 2,110 | 62 | 64 | 3 | 0 | 0 | |

2023 YTD Totals versus 2022 Annual Totals Container Shipments (in MT)

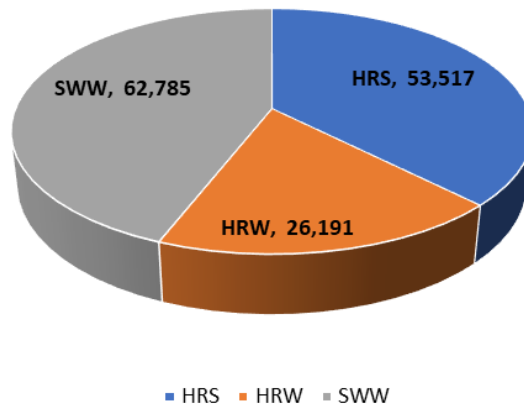


2023 YTD Grain Exports reported by USDA (in MT)

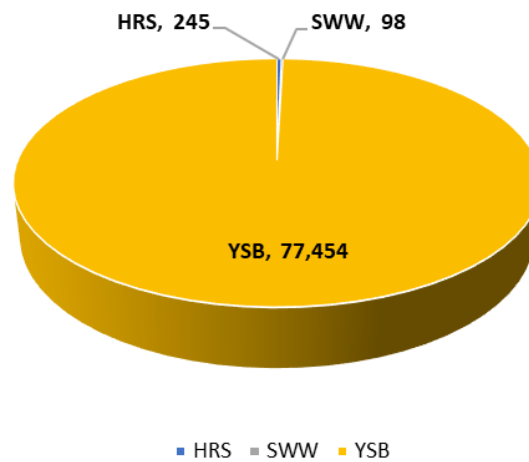
2023 YTD Exports to Thailand



YTD Vessel Shipments to Thailand



YTD Container Shipments to Thailand



*Please keep in mind that USDA does not report DDGS sales

Source: USDA-data

Shipping News

Mary Kennedy @MaryCKenn · 9h

...

Opening Day Arrived for Great Lakes Shipping Season



dtnpf.com

Opening Day Arrived for Great Lakes Shipping Season

The 2023 Great Lakes-St. Lawrence Seaway System navigation season began in full with the opening of the Soo Locks on March 25.



By **Mary Kennedy**, DTN Basis Analyst

Connect with Mary:

 [@MaryCKenn](#)



The Fednav Limited Federal Dart enters the Duluth harbor assisted by a tug, on its way to drop of its load of 23,000 short tons of Turkish cement destined for the CRH/Ash Grove Cement Company terminal on Rice's Point in Duluth, Minnesota. (Photo courtesy of Schauer Photo Images)

The first oceangoing ship of the season arrived in the Twin Ports of Duluth-Superior on Tuesday, breaking a record for the earliest arrival of a ship of its type at the port.

The 656-foot-long Federal Dart arrived under Duluth's Aerial Lift Bridge at 3:30 p.m. CDT on March 28, marking the earliest date a saltie (oceangoing vessel) has ever arrived in the Port of Duluth-Superior. The Federal Dart is one of Fednav's 22 most modern handysize (smaller bulk carrier) vessels, built in 2018 at Oshima in Japan. (<https://youtu.be/...>)

The previous first saltie arrival record belonged to the Federal Hunter, which arrived March 30, 2013.

The arrival of the first saltie came shortly after the opening of the 2023 Great Lakes shipping season, with the opening of the Poe Lock on March 25. The Soo Locks, the Poe and MacArthur, are located in Sault Ste. Marie, Michigan, and connect Lake Superior to the rest of the Great Lakes. The Federal Dart passed through the Soo Locks on March 27.

The arrival of the first saltie is significant because it means the start of the grain shipping season in the Twin Ports. The last saltie of the 2022 grain shipping season left Duluth on Dec. 22, 2022, with a load of wheat heading to the Port of Bari located in Bari, in southeastern Italy on the Adriatic Sea.

The 2022 season was a difficult season for grain shipments at the Twin Ports, down 20.3% compared to 2021. It was the port's smallest grain throughput since 1890.

However, beet pulp pellets emerged as a highlight. Duluth-Superior exported 150,000 tons of beet pulp pellets this season, which was the most since 2014 and an 85% increase over last season, noted the Duluth Seaway Port Authority.

"Grain is a very dynamic commodity in terms of supply, demand, pricing and routing, and the port faced a number of headwinds in 2022, including two years of tightening grain supplies worldwide, further exacerbated by the war in Ukraine, a very strong dollar, extremely elevated transportation costs and competition from other countries' less expensive wheat," said Deb DeLuca, executive director of the Duluth Seaway Port Authority.

"The mixture of grain moving through the Twin Ports is typically spring wheat, durum wheat, beet pulp pellets, soybeans and canola. The port is capable of handling anything, whether on ships, trucks or trains, or in containers."

DTN story about the opening of the Great Lakes shipping season: <https://www.dtnpf.com/...>

Mary Kennedy can be reached at Mary.Kennedy@dtm.com

Follow her on Twitter @MaryCKenn

(c) Copyright 2023 DTN, LLC. All rights reserved.

Russia says Cargill will cease exports of its grain

MOSCOW, March 29 (Reuters) - Global commodities trader Cargill Inc has told Russia's Agriculture Ministry that it will stop exporting Russian grain from the start of the next exporting season, which begins on July 1, the ministry said on Wednesday.

"The cessation of its export activities on the Russian market will not affect the volume of domestic grain shipments abroad. The company's grain export assets will continue to operate regardless of who manages them," the agriculture ministry said in a comment to Reuters.

A spokesperson for Cargill's Russian unit declined to comment.

Earlier the RBC business daily reported that the company's Russian unit had notified Agriculture Deputy Minister Oksana Lut in a letter that it would stop exporting grain in the new season.

According to the RBC report, Cargill will export 2.2 million tonnes of Russian grain in the 2022-23 exporting season, or around 4% of Russia's total grain exports.

Javier Blas  @JavierBlas · Mar 29

...

Very important clarification from Cargill:

"Cargill will stop ****elevating**** Russian grain for export in July 2023," the company said in a statement. "Cargill intends to continue ****shipping**** grain from Russia to destination markets"

Elevation business ≠ shipping business



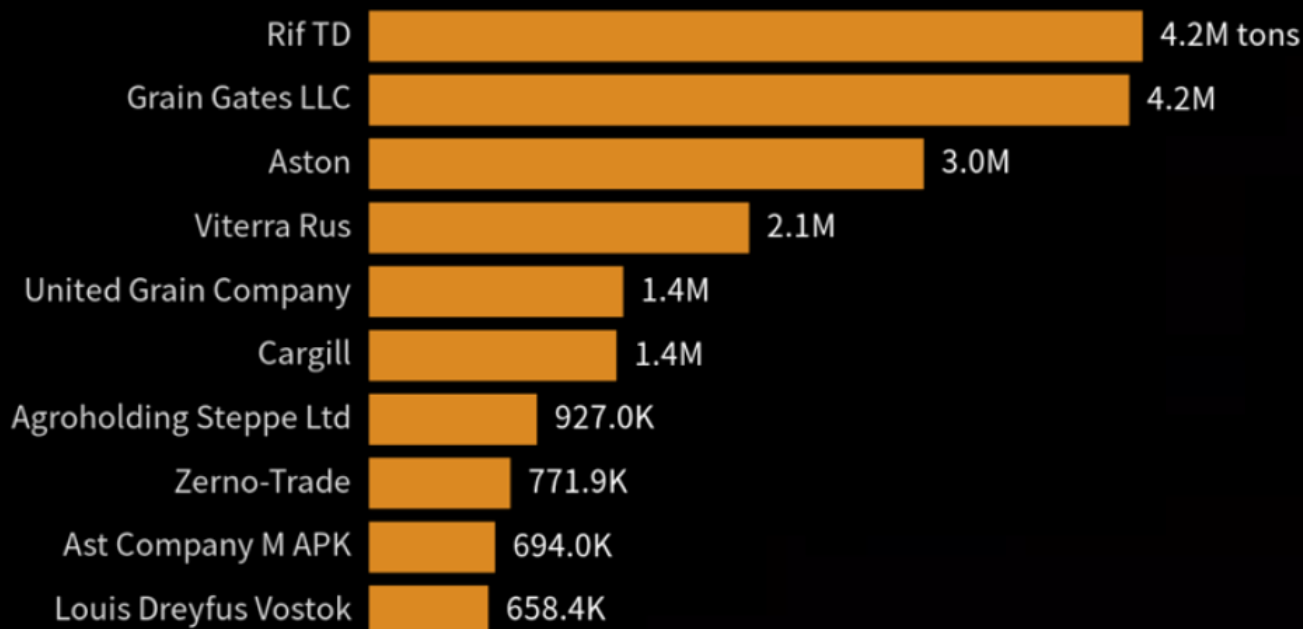
Javier Blas  @JavierBlas · Mar 29

Russia says agribusiness giant Cargill will stop exporting its grain, the strongest move yet by a major Western crop merchant to pull back from the country | #Russia #OATT #wheat
bloomberg.com/news/articles/...

Global Grain Traders Continue to Ship Russian Grain

Viterra, Cargill and LDC were in top 10 shippers so far this season

■ Russian wheat exports July 2022- February 2023



Source: Bloomberg calculations based on Logistic OS shipping lineups

Bloomberg

Laurent Delcourt @laurdelcourt · 5h

Russia to Order 61 Ships for Grain Export: Interfax

By Áine Quinn

(Bloomberg) -- Russian state company Rosagroleasing is ordering projects to build as many as 61 of the largest bulk ships for grain export, general director Pavel Kosov said, according to Interfax.

2

9

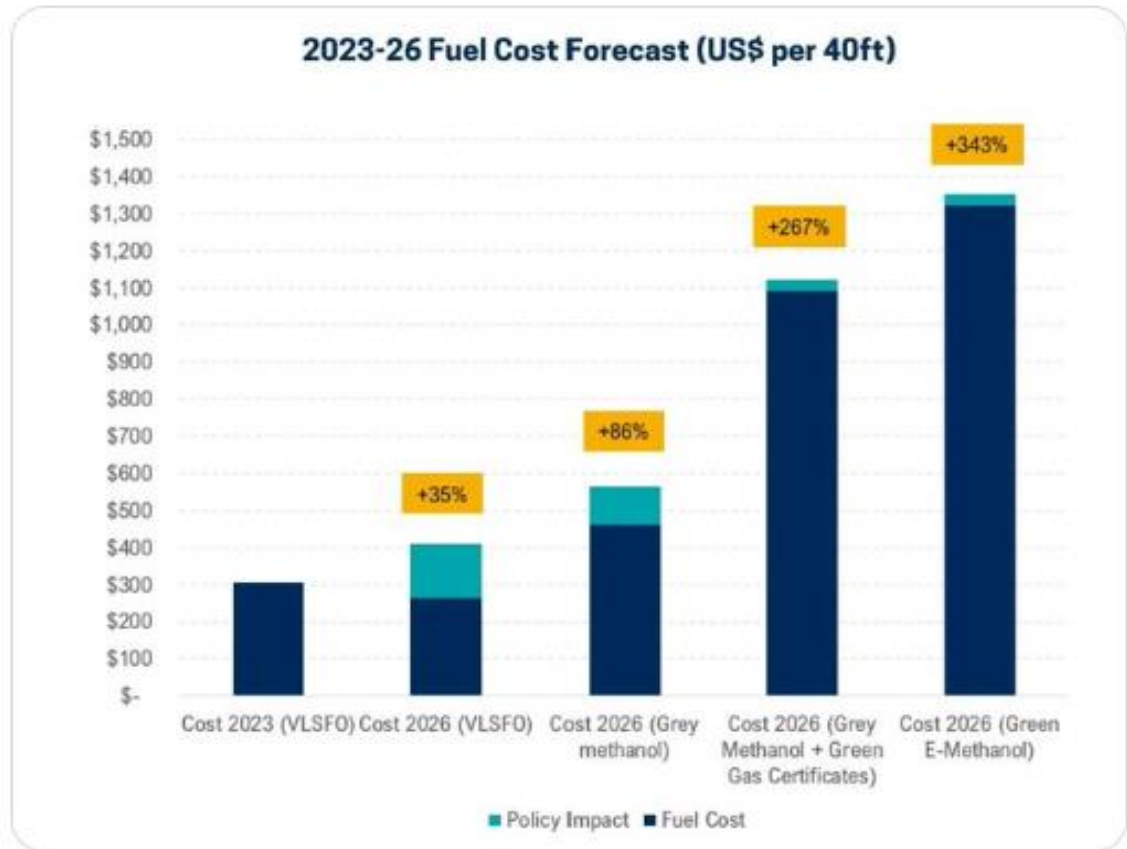
22

4,264

U.S. Container Freight Markets

Rafa Llerena @rafaelxllerena · 5h

Tremendous cost differential (USD p. 40ft) 🤯 as a consequence of Europe's Parliament and Council recent deal on cleaner maritime fuels (emissions by 2% as of 2025 and by 80% as of 2050). Again users & consumers will pay the bill !! 📉



Tom Craig @LTDManagement · 1h

...

Guidelines published for safe transport of lithium-ion batteries in containers. Hazardous materials. And if the shipper misdescribes the shipment? [#trade](#) [#supplychain](#) [#logistics](#)



splash247.com

Guidelines published for safe transport of lithium-ion batteries in co...
The Lithium-ion Batteries in Containers Guidelines, published
yesterday by several industry bodies, seek to prevent the increasing ...

John Lee Pettimore @JohnLeePettim13 · 8h

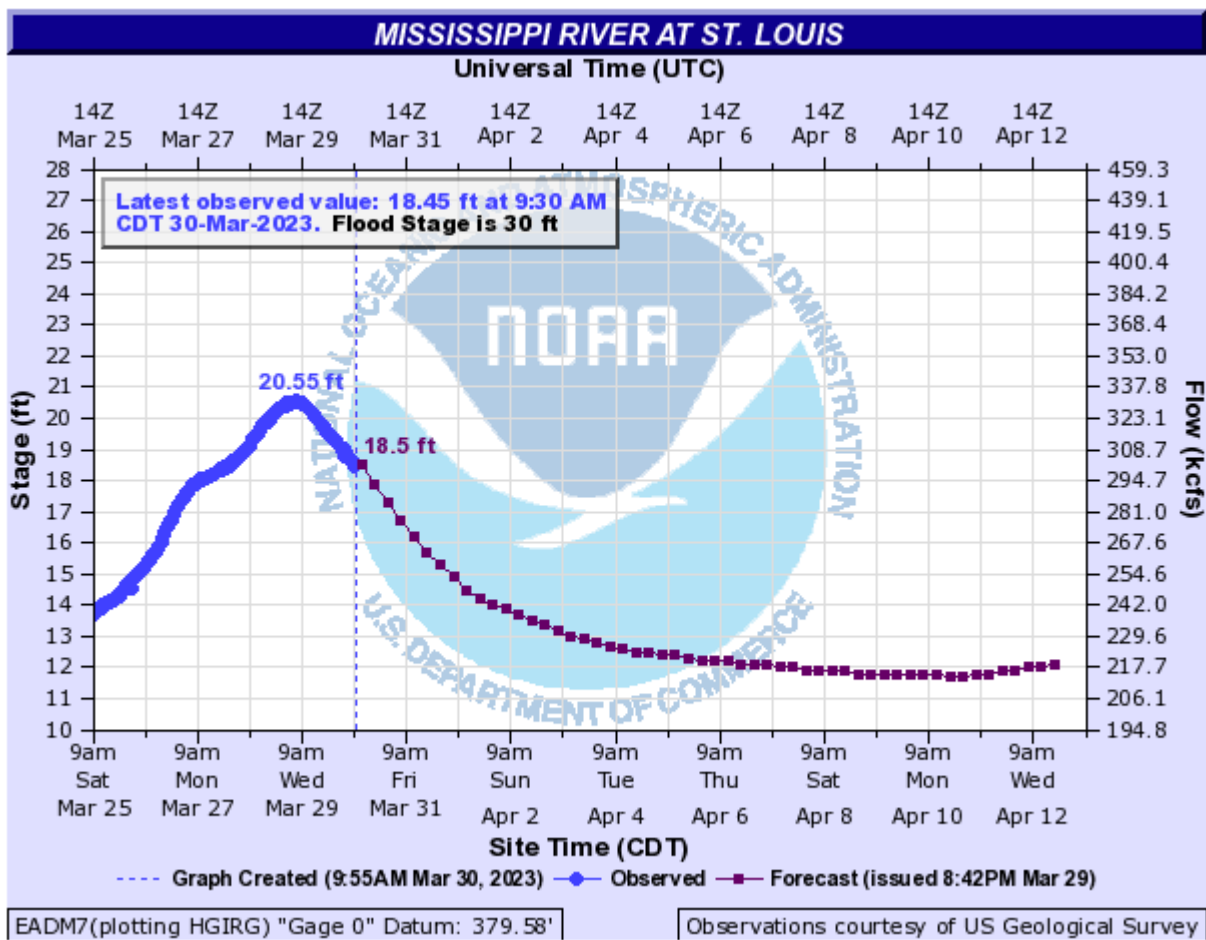
...

China burns more coal than the rest of the world combined and has accelerated construction of coal-fired power plants. China manufactures 60% of all EV batteries. EVs around the world, totalled \$26.9 billion in 2022, an increase of 232% compared to the prior year. [#GreenEnergy](#)



[US Rail News:](#)

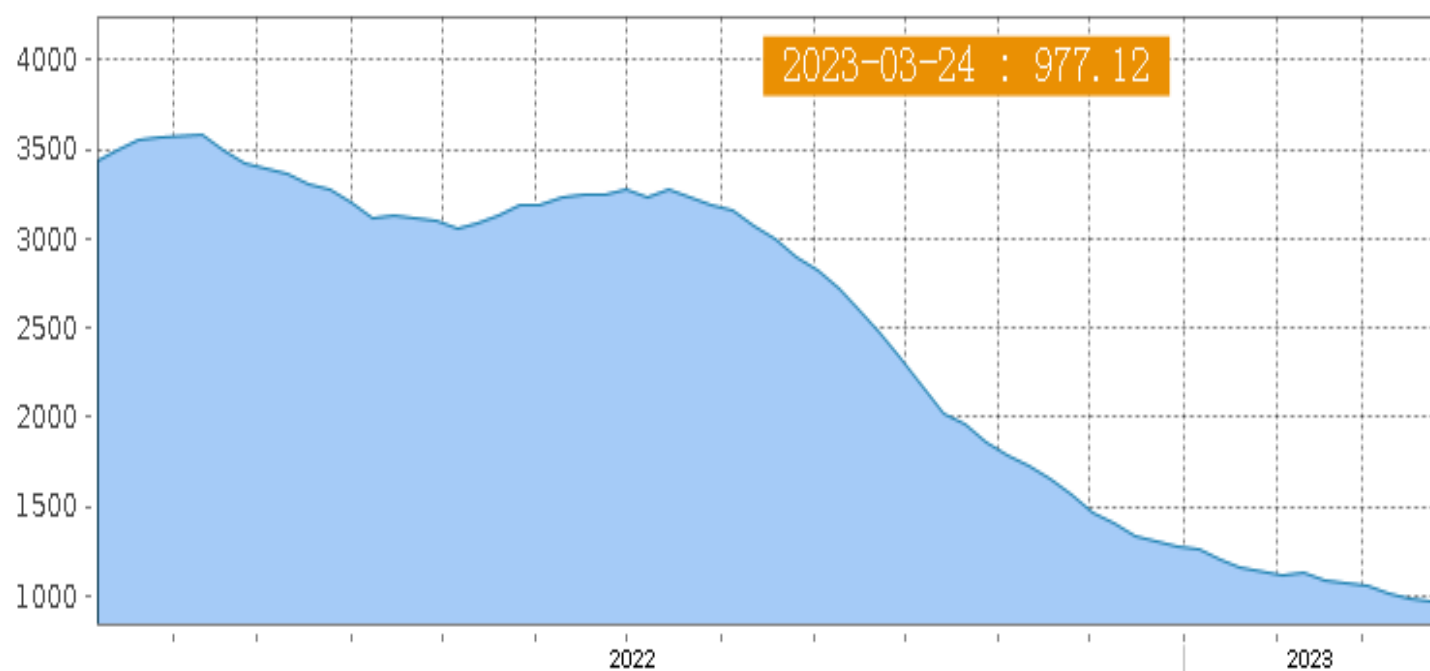
U.S. River Markets



China Import Dry Bulk Freight Index



China Containerized Freight Index



Secondary Rail Car Market for Car placement period: Last Half April 2023

| Secondary Rail Car Market Placement LH April 2023 | BID USD | ASK USD | BID BU. | ASK BU. | BID MT | ASK MT |
|--|------------|------------|------------|------------|-----------|-----------|
| BNSF Shuttle Trains | \$ (250) | \$ (150) | \$ (0.06) | \$ (0.04) | \$ (2.46) | \$ (1.48) |
| UPRR Shuttle Trains | \$ (300) | \$ (200) | \$ (0.08) | \$ (0.05) | \$ (2.95) | \$ (1.97) |

Barge Placement Last Half April 2023

| Placement LH April 2023 | % of | | Corn | Soybeans-Wheat |
|----------------------------------|--------|----------|------|----------------|
| | Tariff | MT | BU | BU |
| Upper Mississippi | 550 | \$ 37.53 | 0.95 | 1.02 |
| Illinois River (Pekin and South) | 540 | \$ 36.85 | 0.94 | 1.00 |
| Mid-Mississippi | 550 | \$ 27.04 | 0.69 | 0.74 |
| Lower Ohio | 430 | \$ 21.14 | 0.54 | 0.58 |
| St. Louis | 410 | \$ 18.03 | 0.46 | 0.49 |

Best Regards,

Jay

Jay O'Neil
HJ O'Neil Commodity Consulting
785-410-2303 (cell)

joneil@ksu.edu

Follow me on Twitter @ igpjay



*** The information in this market report is derived from sources believed to be reliable and accurate but cannot be guaranteed. Forward looking projections are never completely accurate, and these markets move quickly.

All market data is subject to change with market conditions and Trader's opinions. Please obtain market updates and reconfirm all values with your regular freight supplier before making any trading decisions based on this data. This message and any attachments may contain confidential or privileged information and are only for the use of the intended recipient of this message. If you are not the intended recipient, please notify the sender by return email, and delete or destroy this and all copies of this message and all attachments. Any unauthorized disclosure, use, distribution, or reproduction of this message or any attachments is prohibited and may be unlawful.

This E-mail is covered by the Electronic Communications Privacy Act, 18 U.S.C. §§2510-2521, and is confidential.