# Transportation and Export Report for 29 March 2018

#### **Ocean Freight Insights and Comments:**

Looks like another case of "What goes up must come down"; at least for now.

The first quarter of 2018 has still not brought forth the cargo demand increases necessary to keep freight rates supported and moving up.

Vessel owners are hoping that the second quarter of the year will brings improvements to markets. So for now we are mostly going in circle until something changed in the supply and demand equation. This week it was the Baltic indices that reacted faster than the physical freight markets.

The general consensus on container rates for grains is that we will see a gradual rise in freight cost over the next six months. This is mostly due to consolidation in the shipping industry via Alliances and the increasing difficulties and higher cost of obtaining trucks and chasis.

#### **BALTIC DRY-BULK PANAMAX INDEX CHANGES**

Panamax Ocean Freight Indices							
29-Mar-18	This	Last		Percent			
	Week	Week	Difference	Change			
P2A : Gulf/Atlantic - Japan	18728	19515	-787	-4.0%			
P3A - PNW/Pacific - Japan	12380	13671	-1,291	-9.4%			
S1C -USGULF-China-So.Japan	22694	25150	-2,456	-9.8%			

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

Four weeks ago: \$ 6.75-\$7.15 Three weeks ago: \$ 6.20-\$6.65 Two weeks ago: \$ 6.05-\$6.55 One week ago: \$ 5.90-\$6.20 This week \$ 5.35-\$6.40

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

Mississippi River: (10 elevators) 3-10 days Miss. River Mid-Stream loaders: (6+ Rigs) 0-3 days

Texas Gulf (6 elevators) 2-13 days (only 1 facility over 7 days wait)

Pacific Northwest: (9 elevators) 6-12 days

Panamax Market Spreads to Asia -China						
29-Mar-18	PNW	GULF	Bushel Spread	MT Spread	Advantage	
CORN	1.09	0.76	0.33	\$12.99	PNW	
SOYBEANS	0.98	0.60	0.38	\$13.96	PNW	
OCEAN FREIGHT	\$24.00	\$44.25	.51.55	\$20.25	MAY	

### **Recent Reported Vessel Fixtures**:

65,000 mt hss US Gulf to Rotterdam April 15-30 at \$21.00 fio 12,000/13,000 sshex.bends- Cofco 66,000 mt hss Itaqui North Brazil to China April 1-10 at \$36.25 fio 8,000 sshex.bends Marubeni 66,000 mt hss US PNW to China April 15-25 at \$25.00 fio 10,000 sshex.bends Marubeni

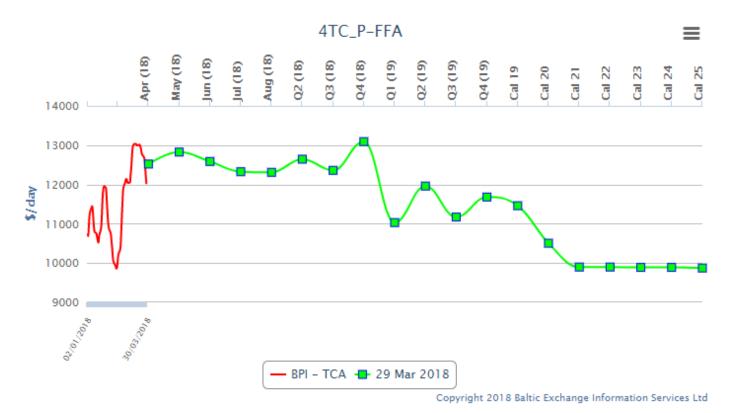
Route and Vessel Size	Current Week USD/MT	Change from previous week	Remarks
55,000 U.S. Gulf-Japan	\$45.00	Down \$0.25	Handymax \$45.25 mt
55,000 U.S. PNW- Japan	\$24.50	Unchanged	Handymax \$24.50 mt
65,000 U.S. Gulf – China PNW to China	\$44.25 \$24.00	Unchanged Unchanged	North or South China
25,000 U.S. Gulf- Veracruz, México	\$16.50	Unchanged	3,000 MT daily discharge rate
35-40,000 U.S. Gulf- Veracruz, México	\$14.25	Unchanged	Deep draft and 6,000 MT per day discharge rate.
25/35,000 U.S. Gulf- <u>East Coast Colombia</u> From Argentina	\$20.00 \$34.00	Unchanged	West Coast Colombia at \$28.00
40-45,000 U.S. Gulf - Guatemala	\$28.00	Down \$0.25	Acajutla/Quetzal - 8,000 out
26-30,000 U.S. Gulf – Algeria	\$32.00 \$33.75	Unchanged	8,000 mt daily discharge 3,000 mt daily discharge
26-30,000 US Gulf-Morocco	\$31.25	Unchanged	5,000 discharge rate
55-60,000 U.S. Gulf –Egypt PNW to Egypt	\$29.00 \$27.75	Unchanged	55,000 -60,000 mt Russia Black Sea to Egypt \$14.75
60-70,000 U.S. Gulf – Europe – Rotterdam	\$20.00	Up \$3.00 Adjustment	Handymax at +\$1.75 more
Brazil, Santos – China	\$35.00		54-59,000 Supramax-Panamax
Brazil, Santos – China	\$34.25	Unchanged	60-66,000 Post Panamax
Itacoatiara-Port Up River North Brazil	\$38.50	Onenangea	60-66,000 mt
56-60,000 Argentina/Rosario- China Deep Draft	\$40.25	Unchanged	Up River with BB Top Off \$42.75

<sup>•</sup> The above rate estimates reflect the 30-45 day forward ocean freight markets.

#### **Nautical Miles: To Xiamen China (South China)**

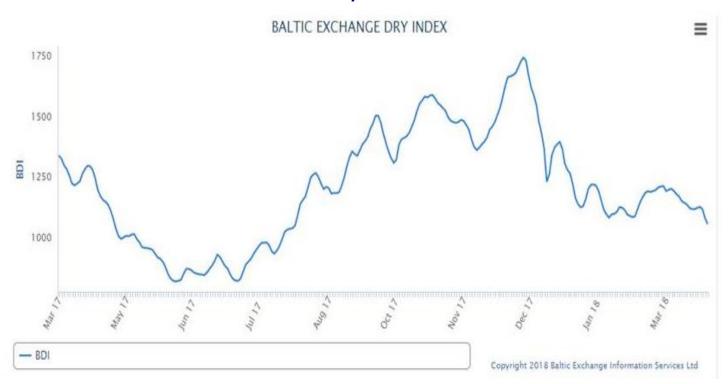
US Gulf (NOLA) (via Panamá Canal) – 10,232 nautical miles (32 days)
Santos Brazil (via Cape of Good Hope) - 10,441 nautical miles (33 days)
Rasario Argentina (via Cape Horn) - 10,751 nautical miles (34 days)

## Forward Curve for Baltic BPI Panamax Vessel Freight

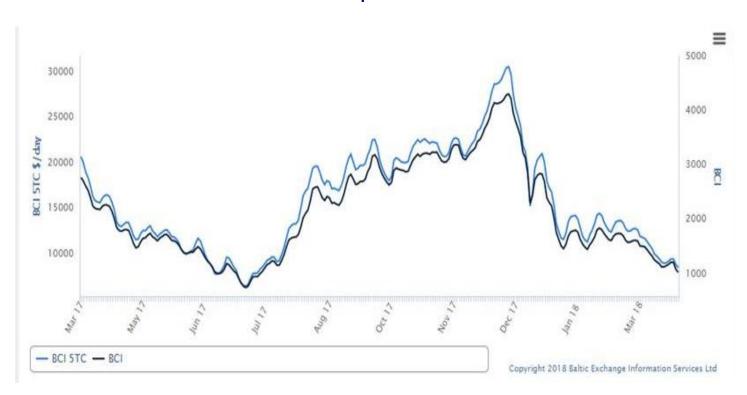




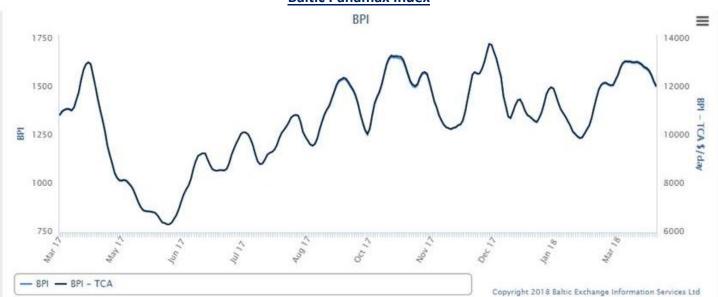
# **Baltic Dry-Bulk Index**



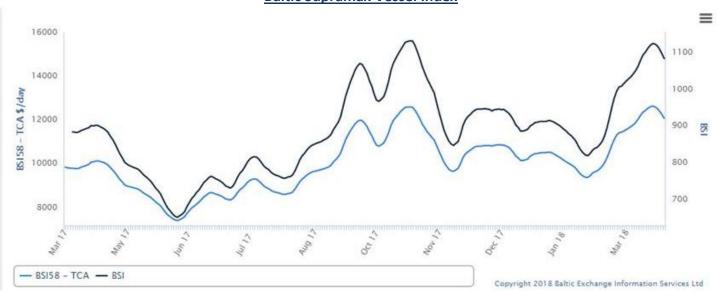
# **Baltic Capesize Index**



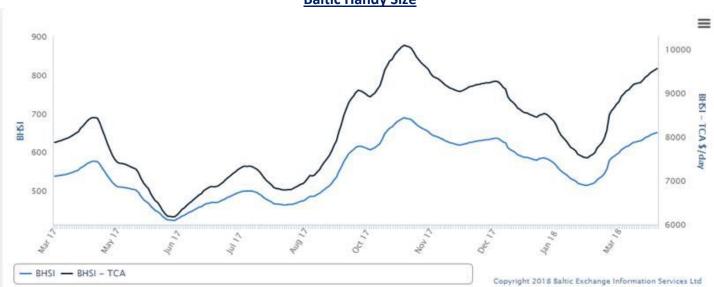




## **Baltic Supramax Vessel Index**



## **Baltic Handy Size**





China Import Dry Bulk Freight Index(CDFI) 2018-03-29						
Route	Size MT	Cargo/Vessel Size	Unit	Rate	Change	
Composite Inde	Point	810.11	-10.10			
Iron ore Freight In	dex		Point	693.26	-13.71	
Soybean Freight Ir	ıdex		Point	1000.65	-2.31	
Santos(Brazil)—North China	60000/10%	Soybean	\$/ton	34.190	-0.095	
Tacoma(West America)—North China	\$/ton	24.365	-0.065			
Mississippi(US Gulf)—North China	Soybean	\$/ton	44.363	-0.077		
Mississippi(US Gulf)—North China	\$/ton	45.857	-0.055			

## 29 March 2018 U.S. FOB Vessel Export Market Values:

U.S. Yellow Corn (USD/MT) FOB Vessel						
# 2 YC	U.S. G	ulf #2 YC	PNW #3 YC			
15.0 % Moisture	Basis	Flat Price	Basis	Flat Price		
May	0.85	\$186.11	1.22	\$200.68		
June	0.76	\$185.91	1.09	\$198.91		
July	0.77	\$186.31	1.08	\$198.51		
Aug.	0.74	\$187.88	1.05	\$200.09		
Sept.	0.79	\$189.85	1.10	\$202.06		
Oct.	0.75	\$191.52	1.05	\$203.33		

The Gulf spread between #2 & #3 YC is currently about 02 cents per bushel (0.80/mt)

SORGHUM (USD/MT) FOB VESSEL						
#2 YGS Fob Vessel	N	NOLA		XAS		
Max. 14.0% moisture	BASIS	FLAT PRICE	BASIS	FLAT PRICE		
May	1.20	\$199.89	0.95	\$190.05		
June	1.10	\$199.30	0.85	\$189.46		
July	1.05	\$197.33	0.85	\$189.46		
Aug.	1.00	\$198.12	0.80	\$190.25		
Sept.	1.00	\$198.12	0.83	\$191.43		

Fob vessel Texas Gulf #2 Sorghum is about 102% 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	
	May	June	July	Aug.
FOB U.S. GULF	\$200.62	\$203.37	\$201.54	\$204.02
Basis	0.95	0.85	0.80	0.70
WK	4.5100			
WN	4.6850			
WU	4.8525			

CME Futures Market Close								
CORN Month	Futures Symbol	Friday Close Bushel	Friday Close MT.		st week Bushel	Last Week MT.	Difference Bushel	
May	СК	\$3.8775	\$152.65	\$	3.8675	\$152.26	\$0.0100	
July	CN	\$3.9625	\$156.00	\$	3.9450	\$155.31	\$0.0175	
Sept.	CU	\$4.0325	\$158.75	\$	4.0000	\$157.47	\$0.0325	
Dec.	CZ	\$4.1150	\$162.00	\$	4.0625	\$159.93	\$0.0525	
Mar.	CH	\$4.1825	\$164.66	\$	4.1300	\$162.59	\$0.0525	

#### CME/CBOT May 2018 (CK8) Corn Futures Chart -





# **U.S. Soybean and SBM Markets Fob Vessel:**

U.S. Yellow Soybeans (USD/MT) FOB Vessel						
# 2 YSB	U.S. Gı	ılf #2 YSB	PN	IW #2 YSB		
14.0 % Moisture	Basis	Flat Price	Basis	Flat Price		
April	0.69	\$402.89	1.01	\$414.65		
May	0.69	\$402.89	1.07	\$416.85		
June	0.64	\$404.91	1.02	\$418.87		
July	0.68	\$406.38	1.05	\$419.98		
Aug.	0.68	\$406.90	1.04	\$420.12		
Soybean Futures		_				
May	\$ 10.2750					
July	\$ 10.3800					
Aug.	\$ 10.3940					
Sept.	\$ 10.2900					
Nov.	\$ 10.2300					
Jan.	\$ 10.2675					

U.S. SBM (USD/MT) FOB Vessel				
Fob U.S. Gulf Port	47.5 Pro. SBM			
max 12.5 % moisture	Basis Flat Price			
April	20.00	\$ 427.44		
May	19.00	\$	426.34	
June	16.00	\$ 425.90		
July	16.00	\$ 425.90		
Aug.	20.00	\$	427.77	

SBM Futures	_
SMK	367.70
SMN	370.30
SMQ	368.00
SMU	365.70
SMV	362.80
SMZ	361.80

## CME May 2018 Soybean (SK18) Futures Chart







# U.S. EXPORT STATISTICS: Report Activity as of Week Ending 22 March 2018 Thursday-Weekly U.S. Export Sales

Commodity	New Sales (000 MT)	YTD Export Commitments **(000 MT)	Total Projected Export Program for Year (000 MT)	Percent of Export Projection	Total Sales for Next Marketing Year '17- 18 (000 MT)
Corn	1572.3	46,454.9	56,520	82%	1,859.0
Sorghum	48.2	5,205.6	6,220	84%	0.0
Soybeans	329.2	50,351.1	56,200	90%	2,007.1
Wheat	437.8	22,808.5	25,180	91%	878.3
Barley	1.2	39.5	130	30%	39.4

#### **U.S. EXPORT INSPECTIONS:**

Monday's report 26 March 2018 for the Export week ending 22 March 2018

	Export I	nspections			2047.47		
	This Week Week		Current Market Year YTD	Previous Year to Date	2017 YTD as Percent of 2016 YTD		
Corn	1,153,963	1,439,155	22,916,794	31,852,593	72%		
Sorghum	254,684	252,328	3,688,118	3,604,722	102%		
Soybeans	584,612	499,987	40,814,437	46,356,222	88%		
Wheat	278,815	476,467	19,447,037	21,261,082	91%		
Barley	0	245	21,071	31,850	66%		

For further Export Sales details: <a href="http://www.fas.usda.gov/export-sales/esrd1.html">http://www.fas.usda.gov/export-sales/esrd1.html</a>

#### **U.S. EXPORT INSPECTIONS:**

Monday's report 26 March 2018 for the Export week ending 22 March 2018

Last Week								
(Metric Tons)	YC	%	WC	%	Sorghum	%	Soybeans	%
Lakes	0	0%	0	0%	0	0%	0	0%
Atlantic	0	0%	0	0%	0	0%	8,666	1%
Gulf	423,391	37%	13,057	69%	243,251	96%	352,562	60%
PNW	550,714	49%	0	0%	10,619	4%	136,474	23%
Interior Export Rail	160,813	14%	5,988	31%	814	0%	86,910	15%
Metric Tons	1,134,918		19,045		254,684		584,612	

Sorghum

Shipments: metric tons White Corn metric tons

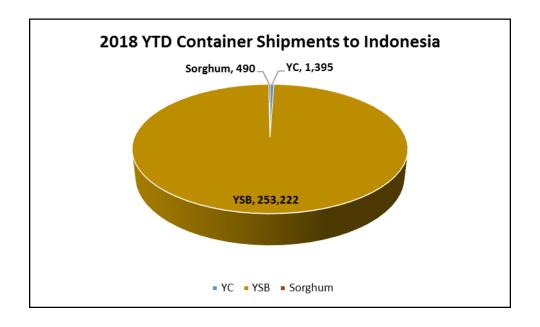
China Colombia 243,251 Main Shipments: 5,167 10,619 Japan 7,890 El Salvador 814 Mexico 5,988 Mexico 254,684 Total 19,045 Total

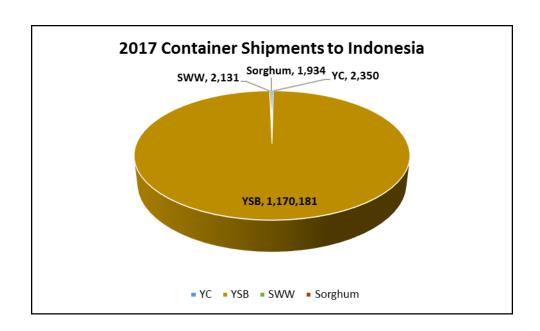
# **Export Inspection Highlights**

<u>Data sheet below:</u> 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).

		Ċ	CONTAINER S	HIPMENT	S of GR	AIN	•		
USDA Grain Inspecti	ons Report:		22-Mar-	-2018					
1 () 4/									
Last Week	metric tons	wc	YSB	SRW	NS	SWH	HRW	Sarahum	MT TOTAL
China Main	2,668	WC		SKW	NO	ЭМЦ	пки	Sorghum	
China Main			2,840	98					5,508
	3,647		2,547	98					6,292
Hong Kong	147								147
Costa Rica	49		44470						49
Indonesia			14,179						14,179
French Polynesia									0
Japan									0
Korea Republic			122						122
Guyana									0
Malaysia	220		3,234						3,454
India									0
Philippines	318		98						416
Thailand			6,436						6,436
Burma			955						955
Bangladesh									0
Vietnam			2,915						2,915
Sub total	7,049	0	33,326	98	0	0	0	0	36,603
11004 0	- - :4:								
USDA Corrections/A	4,430	evious rep	3,821						8,251
China Main	4,430		3,021					2,130	2,130
	147							2,130	147
Hong Kong	14/								
Korea Rep. Costa Rica									0
			196						0
Japan			190						196 0
Philippines			2.610						
Indonesia	2 011		2,619						2,619
Malaysia	3,011		367						3,378
Thailand			2,351						2,351
Vietnam			465						465
Mexico									0
Un Arab Em	7.500		0.040					1 0 100	0
Sub total	7,588	0	9,819	0	0	0	0	2,130	19,537
Mt. Grand Total	14,637	0	43,145	98	0	0	0	2,130	56,140
Number of containers		0	1,876	4	0	0	0	93	, -



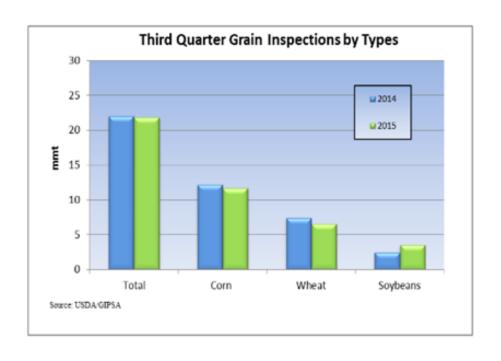


# Grain Inspections for Export by U.S. Port Regions: U.S. Gulf and Pacific Northwest 2017 YTD vs. 2018 YTD

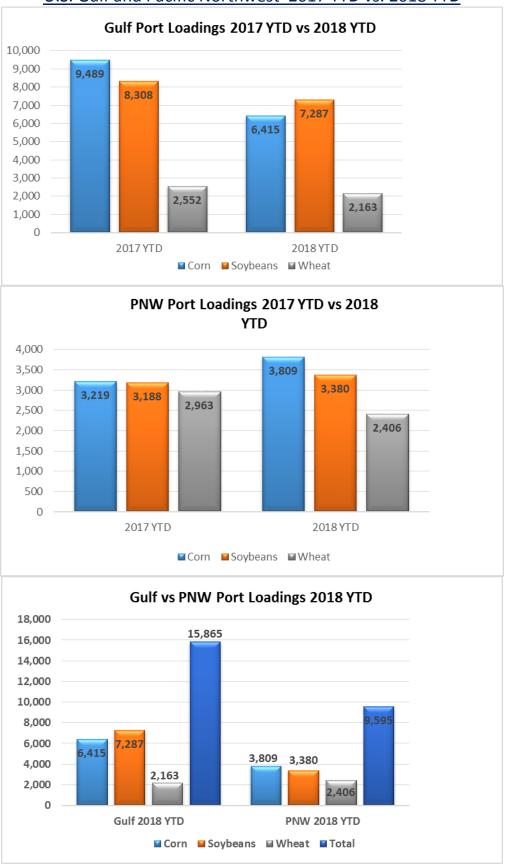
PORT LOADINGS US Gulf				
(1,000 MT)	CORN	SOYBEANS	WHEAT	TOTAL
GULF				
2017 YTD	9,489	8,308	2,552	20,349
2018 YTD	6,415	7,287	2,163	15,865
2018 as % of 2017	68%	88%	85%	78%

PORT LOADINGS US PNW				
(1,000 MT)	CORN	SOYBEANS	WHEAT	TOTAL
PNW				
2017 YTD	3,219	3,188	2,963	9,370
2018 YTD	3,809	3,380	2,406	9,595
2018 as % of 2017	118%	106%	81%	102%

PORT LOADINGS GULF vs. PNW										
(1,000 MT)	CORN	SOYBEANS	WHEAT	TOTAL						
2018 Gulf YTD	6,415	7,287	2,163	15,865						
2018 PNW YTD	3,809	3,380	2,406	9,595						
TOTAL	10,224	10,667	4,569	25,460						
Gulf Percentage	63%	68%	47%	62%						
PNW Percentage	37%	32%	53%	38%						

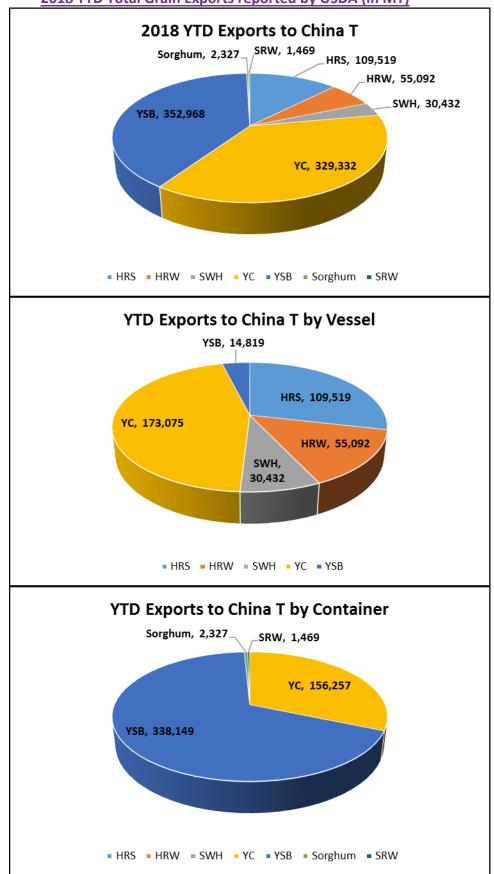


# <u>Grain Inspections for Export by U.S. Port Regions (1,000MT):</u> U.S. Gulf and Pacific Northwest 2017 YTD vs. 2018 YTD



Source: USDA-data

#### 2018 YTD Total Grain Exports reported by USDA (in MT)



 $<sup>\</sup>mbox{\ensuremath{^{\star \star}}\xspace}\mbox{\ensuremath{^{Please}}}\xspace keep in mind that USDA does not report DDGS sales, or they would show as the largest exports by container$ 

Source: USDA

# **Splash**



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# Sinokor and Heung-A agree to merge container operations



Days ahead Japan's big three lines merging their container shipping operations, there's news breaking from neighbouring South Korea where two well known intra-Asia operators are joining forces.

Sinokor Merchant Marine and Heung-A Shipping have agreed to merge their container shipping services by next year to rationalise operations ahead of joining up with compatriot Hyundai Merchant Marine (HMM). Sinokor and Heung-A will officially sign the merger deal next Tuesday, according to the Ministry of Oceans and Fisheries and the Korea Shipowners' Association.

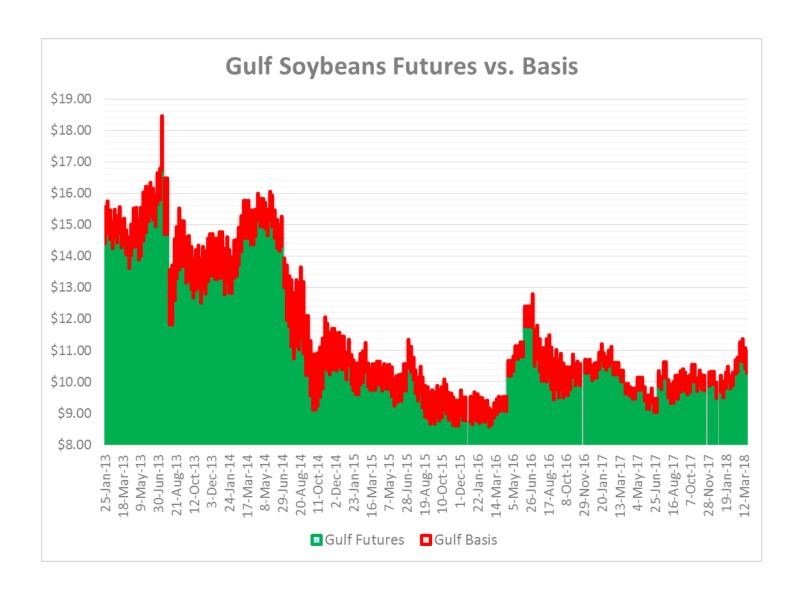
HMM, Heung-A Shipping and Sinokor signed a memorandum of understanding last year to form the HMM + K2 consortium on the intra-Asia trades.

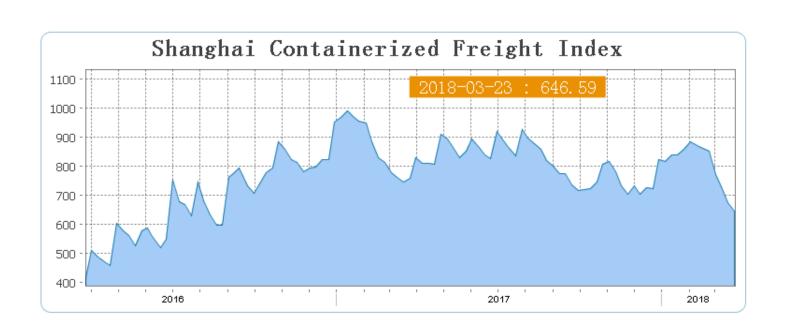
The Korean government has been trying to consolidate the local shipping scene in the wake of the high profile bankruptcy of Hanjin Shipping.

Sinokor and Heung-A will create a joint office next month to work on integrating their services with a view to completing the task by late next year.

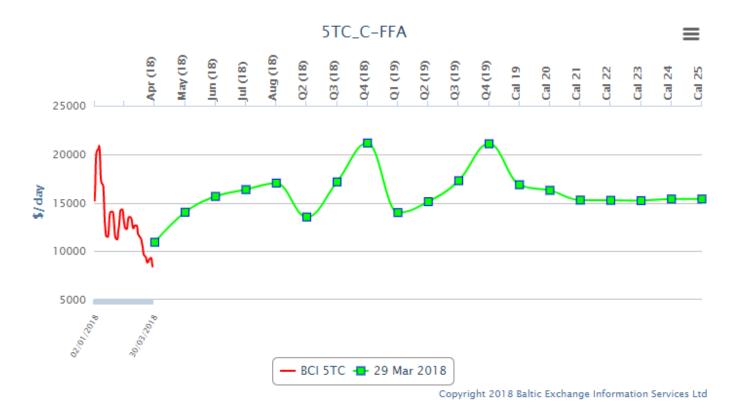
Both shipping lines have non-box related businesses such as tankers which will remain separate from this container merger.

The two companies control around 100,000 teu in capacity with Sinokor ranked as the world's 25<sup>th</sup> largest liner with 54,000 slots and Heung-A ranked 29<sup>th</sup> with 46,000 slots, according to *Alphaliner*. Combined they'd lie just outside the top 20 league.

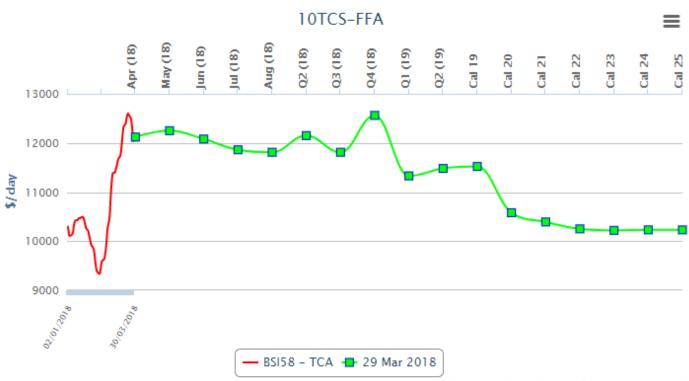




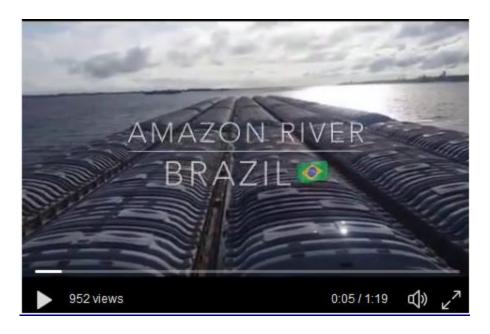
### FFA Capesize for the 4 time charter routes



#### FFA SUPRAMAX 58 for the 5 time charter routes



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25 Barge tow moving through Santarem Brazil to an Atlantic port.

### **U.S. RIVER BARGE FREIGHT**

## **Current Barge Freight for Placement Last Half April 2018**

Placement LH April 2018	% of		Corn	Soybeans-Wheat
	Tariff	MT	BU	BU
Upper Mississippi	550	\$37.53	0.95	1.02
Illinois River (Pekin and South)	500	\$26.51	0.67	0.72
Mid-Mississippi	510	\$29.91	0.76	0.81
Lower Ohio	435	\$21.39	0.54	0.58
St. Louis	365	\$16.05	0.41	0.44

# Secondary Rail Car Market for car placement period: Last Half April 2018.

Secondary Rail Car Market Placement LH April 2018	BID USD		ASK USD		BID BU.		ASK BU.		BID MT		ASK MT	
					4				1			
BNSF Shutle Trains	\$	450.00	\$	800.00	\$	0.11	\$	0.20	\$	4.43	\$	7.87
UPRR Shuttle Trains	\$	150.00	\$	500.00	\$	0.04	\$	0.13	\$	1.48	\$	4.92



# www.grains.ksu.edu/igp

Best Regards,

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