



## **Epic Gas** Q1 2019 **Earnings Presentation**

15 May 2019









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# Q1 2019 Highlights – Improvement in business performance and EBITDA



Revenue of \$39.6 million, up 3.1%

**Time Charter Equivalent revenues** of \$9,718 per vessel calendar day, up 9.4%

**Operational Utilisation** up 230 basis points to 94.2%

**Operating Expenses** of \$4,400 per vessel calendar day, up 2.9%

Adjusted EBITDA of \$11.0 million, up 29.4%

**Net Loss** of \$0.3 million, an improvement of 89%

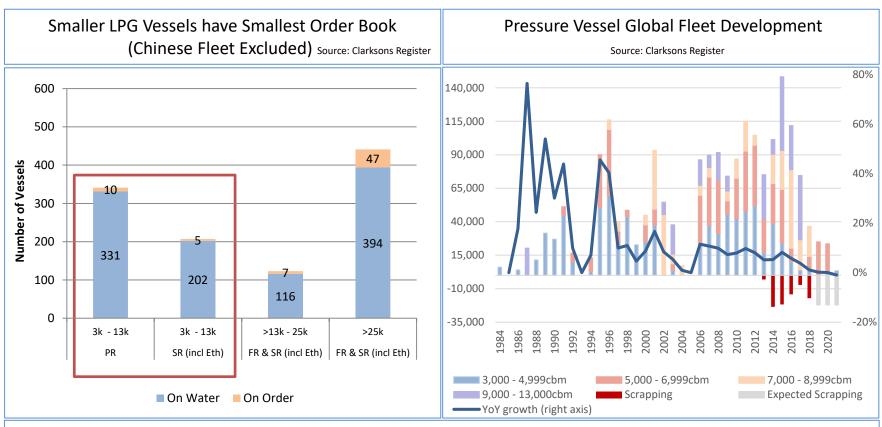
**Fleet:** as of 31 March 2019, 39 vessels on the water, with projects ongoing to add incremental profitable vessels.

All figures are year on year and in US dollars unless stated



## Constrained vessel supply



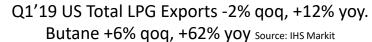


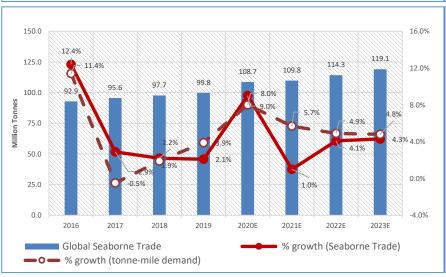
- 4/5/1 newbuild **pressure** vessels to be delivered in 2019/2020/2021 representing a 1.2%/1.3%/0.2% increase in existing fleet capacity.
- 1/2 newbuild small-sized **semi-ref** (non-Ethylene) vessels to be delivered in 2019/2020 representing a 1.6%/3.3% increase in existing fleet capacity, considering the 4,200cbm scrapped in Q1 2019.
- A 28-year-old 4,200cbm semi-ref vessel and a 35-year-old 12,000cbm ethylene capable vessel were scrapped in the quarter.
- A scrapping pool of 21 pressure and 12 semi-ref (non-Ethylene) vessels aged 28 years and over.

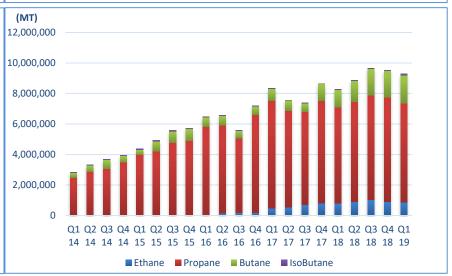
## Growing demand for LPG



## Global LPG Seaborne Trade Strong Demand Growth 9% 2020 Source: Drewry







Big Volumes
China & India Remain Key Demand Drivers Source: FGE

### **Regional Demand Growing**

Source: Drewry

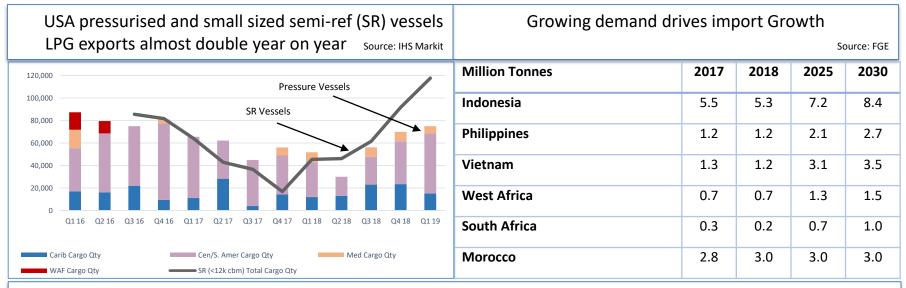
**LPG Imports (million tonnes)** 

LP	G	Impo	rts	(mil	lion i	tonn	es)

	2017	2018	2019	2020	2025	Δ		2017	2018	2019	2020	2025	Δ
China	18.3	18.9	19.9	20.8	23.6	29%	Indonesia	5.5	5.3	5.6	6.0	7.2	31%
India	11.9	12.4	14.8	16.8	19.9	67%	Philippines	1.2	1.2	1.3	1.5	2.1	75%
Japan	10.6	10.9	11.1	11.4	11.6	9%	Thailand	0.6	0.7	0.9	1.3	1.7	183%
S Korea	6.1	6.2	7.2	7.4	8.4	38%	Vietnam	1.3	1.2	1.3	1.4	3.1	138%

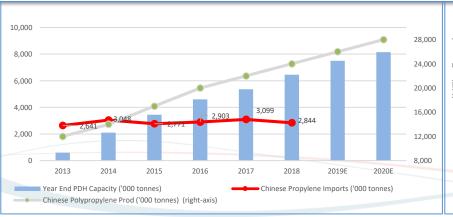
# Strong US LPG exports, stable Chinese Propylene imports

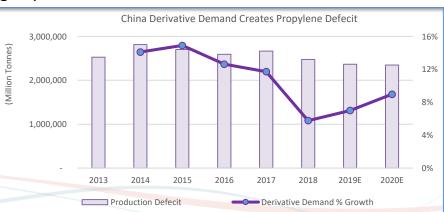




China Propylene Imports hold up as Polypropylene production drives Propylene demand and balances increased PDH capacity, with developing Imports from other Asian countries

Source: Argus





## Rebalancing between supply and demand – distinct sector rate recovery

12 Month Time Charter Market (USD/day)



### Q1 2019 – freight levels remain level

- 3,500cbm, 5,000cbm, 7,500cbm & 11,000cbm market daily rates averaged \$8,610, \$9,596, \$10,699 and \$12,963 respectively.
- Average rates up by 3-4% for 3,500cbm and 7.500cbm, and down by 1-2% for 5,000cbm and 11,000cbm compared to Q1 2018.

# Geographic and commodity diversity provides options and relative earnings stability



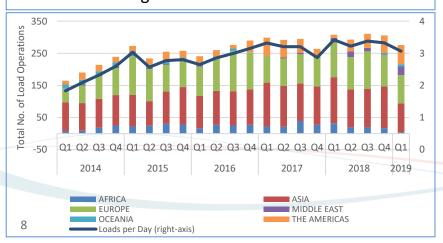
### **Diversified Geographical Location of Fleet**

Vessels by Segment	Americas	EMEA	Asia	Total Fleet
3,300 – 4,100cbm	2	0	4	6
5,000 – 6,300cbm	1	3	6	10
7,000 – 7,500cbm	2	11	2	15
9,500cbm	-	2	-	2
11,000cbm	-	4	2	6
Total	5	20	14	39
Fleet Capacity (cbm)				267,400
Avg. Vessel Size (cbm)				6,856

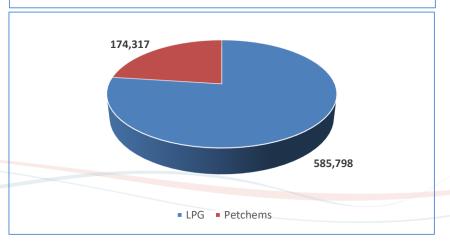
### Cargo Operations Summary, Q1 2019

- ✓ Loaded approximately 760,115 tonnes
- √ 640 cargo operations
- √ 103 different ports
- ✓ LPG (77%)
- ✓ Petchems (23%)
- ✓ 5 vessels in the Americas, 20 in Europe/Middle East/Africa, 14 in Asia.

## Diversified Geographical Trade Route Options Higher in the Middle East



### Cargoes (Tonnes) Transported in Q1 2019, +5.3% YoY



## LPG break bulk trade has grown in recent years

An Integral Part of the Global Seaborne LPG Supply Chain for all vessel sizes



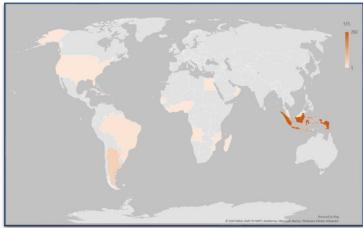
## Epic Gas STS Operations by Region qoq - higher in Middle East, lower in Africa and Asia



	2014	2015	2016	2017	2018
No. STS Ops	24	108	198	413	358

- Strong Global Demand
- 67 STS operations in Q1 2019
- Increased operations in the Middle East and East Africa, but slightly lower Quarter on Quarter largely due to a supply driven change from STS to pressurised port operations in one trade.







## Operating Metrics - Increasing operational utilisation reflects tightening supply and demand fundamentals



OPERATING METRICS	Q1 2018	Q1 2019
Average number of vessels in period (1)	40.2	38.8
Number of vessels as of period end	39	39
Fleet capacity at period end (cbm)	264,000	267,400
Gas fleet average size as of period end	6,769	6,856
Fleet calendar days	3,617	3,496
•		
Time charter days	2,401	2,573
Spot market days	1,147	855
COA days		
Voyage days (2)	3,548	3,428
Fleet utilisation (3)	98.1%	98.1%
Fleet operational utilisation (4)	91.9%	94.2%
Time charter equivalent earnings (5)		
Per Calendar Day	\$8,881	\$9,718
Per Voyage Day	\$9,055	\$9,911
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Operating expenses per Calendar Day (6)	\$4,276	\$4,400
		•

<sup>1)</sup> The number of days each vessel was a part of our fleet during the period divided by the number of calendar days.

<sup>2)</sup> Calendar days net of off-hire days associated with major repairs, dry dockings or special or intermediate surveys.

<sup>3)</sup> Calculated by dividing voyage days by fleet calendar days.

<sup>4)</sup> Calculated by dividing voyage days, excluding commercially idle days, by fleet calendar days.

<sup>5)</sup> Calculation of time charter equivalent earnings provided in Supplemental Information below.

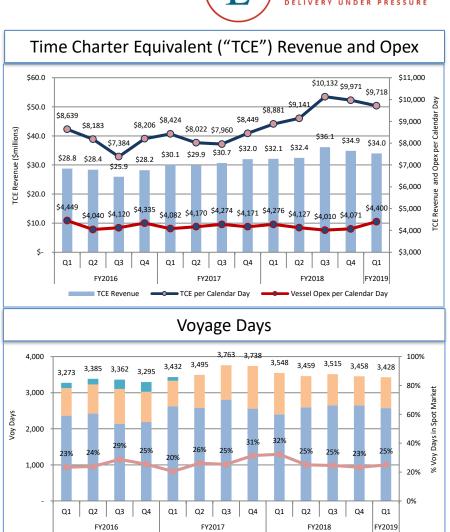
<sup>6)</sup> TC-in vessel excluded.

## Income Statement and Cash Flow Q1 2019



INCOME STATEMENT (UNAUDITED)			
	Three Month	Period	
	Ended March		
All amounts in \$ millions	2018	2019	
Revenue	38.4	39.6	
Brokerage commissions	0.6	0.7	
Voyage expenses	6.1	5.5	
Vessel operating expenses	15.5	15.0	
Charter-in costs	3.9	4.2	
Depreciation and amortization	7.5	7.2	
(Gain) Loss on sale of vessels	(0.8)	0.0	
Impairment of vessels	0.0	0.0	
General and administrative expenses	4.0	4.1	
Total expenses	36.8	36.8	
Operating income	1.7	2.8	
Other (income) / losses, net	0.1	(0.9)	
Finance expenses	4.1	4.0	
Profit/(loss) before tax	(2.5)	(0.3)	
Income tax expense	0.1	0.0	
Profit/(loss) after tax	(2.7)	(0.3)	
Other Comprehensive income:			
Cash flow hedges gain/(loss)	1.6	(1.2)	
Total Comprehensive Income/(Loss)	(1.1)	(1.5)	

STATEMENT OF CASH FLOWS (UNAUDITED)		
	Three Month	Three Month
	Period Ended	Period Ended
	31 March	31 March
All amounts in \$ millions	2018	2019
Cash from operating activities	7.1	4.3
Cash from investing activities	4.8	(1.2)
Cash from financing activities	(9.0)	(8.2)
Net Increase in cash and cash equivalents	2.9	(5.1)
Cash and cash equivalents at the beginning of the year	7.0	16.7
Cash and cash equivalents at the end of the period	9.9	11.6



TC Days

Spot Days

COA Days (relets excluded)

% Spot

### Balance Sheet 31 March 2019



BALANCE SHEET (UNAUDITED)		
All amounts in \$ millions	As of 31 Dec 2018	As of 31 Mar 2019
ASSETS	31 Dec 2018	31 IVIAI 2019
ASSETS		
Cash and cash equivalents	16.7	11.6
Trade and other receivables	20.2	21.6
Inventories	3.3	4.1
Derivative financial instruments	0.0	0.0
Current assets	40.3	37.4
Trade and other receivables – Non current	0.1	0.4
Restricted cash deposits	11.5	11.5
Property, plant and equipment	497.2	491.4
Leased Assets	0.0	40.5
Derivative financial instruments	1.8	0.8
Non-current assets	510.7	544.6
TOTAL ASSETS	550.9	582.0
LIABILITIES AND SHAREHOLDERS' EQUITY		
Trade and Other Payables	22.7	22.6
Deferred income	9.8	9.7
Current income tax liabilities	0.3	0.3
Derivative liabilities	0.0	0.0
Capital lease liabilities	34.7	33.9
Borrowings	26.5	26.1
Lease liabilities	0.0	13.0
Current liabilities	94.0	105.6
Derivative financial instruments	0.2	0.4
Deferred income tax liabilities	0.2	0.4
Capital lease liabilities	12.8	12.2
Borrowings	201.2	195.0
Lease liabilities	0.0	27.5
Non-current liabilities	214.3	235.2
Non-current habilities	214.3	255.2
Total Liabilities	308.3	340.8
Share capital	340.1	340.1
Share option reserves	4.4	4.5
Accumulated losses	(103.3)	(103.6)
Accumulated other comprehensive income	1.4	0.2
Total Equity	242.6	241.2
TOTAL HABILITIES AND SHAPFHOLDERS! FOUNT!		F82.0
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	550.9	582.0

#### Asset values

Book value of \$491m below latest broker FMV estimates

### Liquidity

Cash of \$23.1m

### Low gearing

Net borrowings + capital leases/total assets (excl. leased assets) of 45%

#### Loan Profile

	Dec-18	Dec-19	Dec-20	Dec-21	Dec-22	Dec-23	Dec-24
Credit Agricole	32.0	27.9	23.9	20.5	18.0		
ABN/NIBC/CA	64.2	59.1	54.0	48.9	43.8		
ABN/DVB/Nor							
d LB	61.1	48.8	38.8	30.5	22.1		
NIBC	6.6	5.4	4.2	3.0			
Japanese							
Owners	64.9	60.9	56.8	52.5	48.1	31.0	27.2
Finance Leases	47.5	41.7	35.4	28.8	4.5		
Interunity	1.3	0.9	0.4				
Balloon					27.2	88.5	
Total	277.7	244.7	213.5	184.1	163.7	119.5	27.2

### Share Issue

Subsequent to quarter end, share issue launched to existing shareholders to raise gross proceeds of \$60 million to finance the acquisition of additional vessels, to strengthen the Company's working capital and for general corporate purposes. Offer has been fully underwritten by BW Group and closed on 13 May 2019.

## Summary and Outlook



### **Summary Q1 2019**

- 39 vessels on the water, total capacity 267,400cbm, average size 6,856cbm, average age 8.9 years.
- Fleet Operational Utilisation 94.2%, TCE \$9,718 per calendar day and \$9,911 per voyage day.
- Operating Expenses \$4,400 and General & Administrative expenses \$1,182 per calendar day.
- As of 31<sup>st</sup> March 2019, 37% covered for balance of 2019 at an average daily TCE rate of \$9,998.

### Outlook

- Utilisation and Freight levels for the larger sizes have improved as traction is gained, with low incremental capacity and ongoing demand growth for LPG shipping.
- Ongoing and potential scrapping in the pressurised and semi-ref LPG ship sector.
- Limited order book for the sector 10 pressure and 5 semi-ref (including ethylene carriers).
- Positive macro environment and infrastructure development in demand centres.

## Epic Gas Fleet (as of 15 May 2019)



Vessel: 3,500 cbm	cbm	Built	Yard
Epic Catalina	3,500	2007	Kanrei
Epic Cobrador*	3,500	2009	Kanrei
Epic Cordova*	3,500	2009	Kanrei
Epic Corsica	3,500	2009	Kanrei
Epic Caledonia	3,500	2014	Kitanihon
Epic Curacao	3,500	2014	Kitanihon
Sub Total 6 Vessels	21,000	cbm	_

Epic Borkum         7,200         2000         Murakami Hide           Epic Barbados         7,200         2001         Murakami Hide           Epic Bermuda         7,200         2001         Murakami Hide           Epic Barnes         7,200         2002         Murakami Hide           Epic Bali         7,200         2010         Kyokuyo           Epic Borneo         7,200         2010         Kyokuyo           Epic Bell*         7,200         2014         Kyokuyo           Epic Bird*         7,200         2014         Kyokuyo           Epic Bolivar         7,500         2002         Shin Kurushima           Epic Burano         7,500         2002         Watanabe           Epic Boracay         7,500         2009         Murakami Hide           Emmanuel**         7,500         2011         Murakami Hide           Epic Borinquen         7,500         2016         Sasaki           Epic Bonaire         7,500         2016         Sasaki           Epic Baluan         7,500         2017         Sasaki	Vessel: 7,200-7,500	cbm	Built	Yard
Epic Bermuda         7,200         2001         Murakami Hide           Epic Barnes         7,200         2002         Murakami Hide           Epic Bali         7,200         2010         Kyokuyo           Epic Borneo         7,200         2010         Kyokuyo           Epic Bell*         7,200         2014         Kyokuyo           Epic Bird*         7,200         2014         Kyokuyo           Epic Bolivar         7,500         2002         Shin Kurushima           Epic Burano         7,500         2002         Watanabe           Epic Boracay         7,500         2009         Murakami Hide           Emmanuel**         7,500         2011         Murakami Hide           Epic Borinquen         7,500         2016         Sasaki           Epic Bonaire         7,500         2016         Sasaki           Epic Baluan         7,500         2017         Sasaki	Epic Borkum	7,200	2000	Murakami Hide
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Epic Borneo         7,200         2010         Kyokuyo           Epic Bell*         7,200         2014         Kyokuyo           Epic Bird*         7,200         2014         Kyokuyo           Epic Bolivar         7,500         2002         Shin Kurushima           Epic Burano         7,500         2002         Watanabe           Epic Boracay         7,500         2009         Murakami Hide           Emmanuel**         7,500         2011         Murakami Hide           Epic Borinquen         7,500         2016         Sasaki           Epic Bonaire         7,500         2016         Sasaki           Epic Baluan         7,500         2017         Sasaki	Epic Barnes	7,200	2002	Murakami Hide
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Emmanuel**         7,500         2011         Murakami Hide           Epic Borinquen         7,500         2016         Sasaki           Epic Bonaire         7,500         2016         Sasaki           Epic Baluan         7,500         2017         Sasaki	Epic Burano	7,500	2002	Watanabe
Epic Borinquen         7,500         2016         Sasaki           Epic Bonaire         7,500         2016         Sasaki           Epic Baluan         7,500         2017         Sasaki	Epic Boracay	7,500	2009	Murakami Hide
Epic Bonaire         7,500         2016         Sasaki           Epic Baluan         7,500         2017         Sasaki	Emmanuel**	7,500	2011	Murakami Hide
Epic Baluan 7,500 2017 Sasaki	Epic Borinquen	7,500	2016	Sasaki
·	Epic Bonaire	7,500	2016	Sasaki
Sub Total 15 Vessels 110,100 cbm	Epic Baluan	7,500	2017	Sasaki
	Sub Total 15 Vessels	110,100	cbm	·

Vessel: 5,000-6,300 cbm	cbm	Built	Yard
Epic St. George	5,000	2007	Shitanoe
Epic St. Kitts	5,000	2008	Kanrei
Epic St. Martin	5,000	2008	Kanrei
Epic St. Lucia	5,000	2008	Sasaki
Epic St. Vincent	5,000	2008	Sasaki
Epic St. Croix	5,000	2014	Sasaki
Epic St. Thomas	5,000	2014	Sasaki
Epic St. Agnes	5,000	2015	Kitanihon
Epic St. Ivan	5,000	2015	Kitanihon
Epic Balta	6,300	2000	Higaki
Sub Total 10 Vessels	51,300	cbm	
*Barehoat **TC-in			

Vessel: 9,500 cbm	cbm	Built	Yard
Epic Madeira	9,500	2006	Miura
Epic Manhattan	9,500	2007	Miura
Westminster**	9,500	2011	Miura
Sub Total 2 Vessels	19,000	cbm	
Vessel: 11,000 cbm	cbm	Delivery	Yard
Epic Sicily*	11,000	2015	Sasaki
Epic Samos	11,000	2016	Kyokuyo
Epic Sentosa	11,000	2016	Kyokuyo
Epic Shikoku	11,000	2016	Kyokuyo
Epic Sardinia*	11,000	2017	Kyokuyo
Epic Salina	11,000	2017	Kyokuyo
Sub Total 6 Vessels	66,000	cbm	
Overall Total of 40 Vessels, and 276,900 cbm			

## Key Information on Epic Gas' Shares



### **Epic Gas Share Price L12M**



Listing Market
Market Cap
Shares Outstanding /Float

Merkur Market (NOK) 972.5 M 70.5M /70.5M

