

Table 1 - Reconciliation of Segment Information to Consolidated Financial Information

(Millions of U.S. dollars)	2017					2018
	Q1	Q2	Q3	Q4	Total	Q1
Sales and other operating revenues:						
Olefins & Polyolefins - Americas	\$ 2,604	\$ 2,547	\$ 2,449	\$ 2,800	\$ 10,400	\$ 2,758
Olefins & Polyolefins - EAI	3,024	3,008	3,152	3,079	12,263	3,562
Intermediates & Derivatives	2,150	2,014	2,077	2,231	8,472	2,343
Refining	1,353	1,713	1,670	2,112	6,848	2,257
Technology	120	107	98	125	450	115
Other/elims	(821)	(986)	(930)	(1,212)	(3,949)	(1,268)
Continuing Operations	<u>\$ 8,430</u>	<u>\$ 8,403</u>	<u>\$ 8,516</u>	<u>\$ 9,135</u>	<u>\$ 34,484</u>	<u>\$ 9,767</u>
Operating income (loss):						
Olefins & Polyolefins - Americas	\$ 559	\$ 738	\$ 497	\$ 667	\$ 2,461	\$ 651
Olefins & Polyolefins - EAI	401	549	460	224	1,634	373
Intermediates & Derivatives	269	270	329	334	1,202	408
Refining	(70)	(21)	10	59	(22)	15
Technology	50	39	36	58	183	46
Other	1	2	--	(1)	2	1
Continuing Operations	<u>\$ 1,210</u>	<u>\$ 1,577</u>	<u>\$ 1,332</u>	<u>\$ 1,341</u>	<u>\$ 5,460</u>	<u>\$ 1,494</u>
Depreciation and amortization:						
Olefins & Polyolefins - Americas	\$ 118	\$ 107	\$ 105	\$ 109	\$ 439	\$ 107
Olefins & Polyolefins - EAI	59	58	60	62	239	63
Intermediates & Derivatives	69	68	69	73	279	73
Refining	40	44	49	44	177	46
Technology	10	9	11	10	40	10
Continuing Operations	<u>\$ 296</u>	<u>\$ 286</u>	<u>\$ 294</u>	<u>\$ 298</u>	<u>\$ 1,174</u>	<u>\$ 299</u>
EBITDA: ^(a)						
Olefins & Polyolefins - Americas	\$ 723	\$ 859	\$ 616	\$ 784	\$ 2,982	\$ 780
Olefins & Polyolefins - EAI	529	699	698	356	2,282	518
Intermediates & Derivatives	339	339	402	410	1,490	486
Refining	(30)	25	58	104	157	63
Technology	60	48	47	68	223	56
Other	(4)	--	--	4	--	10
Continuing Operations	<u>\$ 1,617</u>	<u>\$ 1,970</u>	<u>\$ 1,821</u>	<u>\$ 1,726</u>	<u>\$ 7,134</u>	<u>\$ 1,913</u>
Capital, turnarounds and IT deferred spending:						
Olefins & Polyolefins - Americas	\$ 202	\$ 179	\$ 165	\$ 207	\$ 753	\$ 246
Olefins & Polyolefins - EAI	47	32	44	83	206	69
Intermediates & Derivatives	77	107	79	69	332	68
Refining	84	79	21	29	213	36
Technology	7	6	8	11	32	8
Other	4	4	1	2	11	2
Continuing Operations	<u>\$ 421</u>	<u>\$ 407</u>	<u>\$ 318</u>	<u>\$ 401</u>	<u>\$ 1,547</u>	<u>\$ 429</u>

(a) See Table 8 for the reconciliation of EBITDA to Net Income.

Table 2 - Selected Segment Operating Information

	2017					2018
	Q1	Q2	Q3	Q4	Total	Q1
Olefins and Polyolefins - Americas						
<u>Volumes (million pounds)</u>						
Ethylene produced	2,486	2,606	2,088	2,442	9,622	2,470
Propylene produced	597	821	671	724	2,813	617
Polyethylene sold	1,533	1,404	1,454	1,468	5,859	1,463
Polypropylene sold	644	634	624	591	2,493	612
<u>Benchmark Market Prices</u>						
West Texas Intermediate crude oil (USD per barrel)	51.78	48.15	48.20	55.30	50.85	62.94
Light Louisiana Sweet ("LLS") crude oil (USD per barrel)	53.39	50.17	51.67	60.94	54.02	65.84
Houston Ship Channel natural gas (USD per million BTUs)	2.96	3.14	2.92	2.87	2.97	3.12
U.S. weighted average cost of ethylene production (cents/pound)	11.8	12.5	16.1	16.2	14.2	14.8
U.S. ethylene (cents/pound)	33.1	31.9	31.9	33.5	32.6	30.3
U.S. polyethylene [high density] (cents/pound)	57.3	59.0	60.7	67.5	61.1	62.7
U.S. propylene (cents/pound)	47.2	41.0	41.7	49.0	44.7	53.0
U.S. polypropylene [homopolymer] (cents/pound)	66.2	59.0	60.2	68.7	63.5	73.0
Olefins and Polyolefins - Europe, Asia, International						
<u>Volumes (million pounds)</u>						
Ethylene produced	1,022	1,069	1,046	927	4,064	1,016
Propylene produced	598	632	620	557	2,407	608
Polyethylene sold	1,421	1,370	1,525	1,359	5,675	1,445
Polypropylene sold	1,714	1,530	1,738	1,520	6,502	1,802
<u>Benchmark Market Prices (€0.01 per pound)</u>						
Western Europe weighted average cost of ethylene production	22.7	17.6	18.9	25.3	21.1	22.4
Western Europe ethylene	46.2	47.1	44.2	47.0	46.1	48.3
Western Europe polyethylene [high density]	58.2	59.5	56.6	57.4	57.9	56.2
Western Europe propylene	37.0	39.3	36.4	39.5	38.1	41.9
Western Europe polypropylene [homopolymer]	56.3	60.1	57.4	59.1	58.2	59.3
Intermediates and Derivatives						
<u>Volumes (million pounds unless otherwise indicated)</u>						
Propylene oxide and derivatives	786	748	793	830	3,157	798
Intermediate Chemicals:						
Ethylene oxide and derivatives	292	297	275	296	1,160	279
Styrene monomer	1,002	955	919	867	3,743	917
Acetyls	825	672	715	744	2,956	537
Oxyfuels and Related Products:						
TBA Intermediates	383	332	359	378	1,452	412
MTBE/ETBE (million gallons)	239	263	289	293	1,084	253
<u>Benchmark Market Margins (cents per gallon)</u>						
MTBE - Northwest Europe	49.5	67.3	59.8	35.9	52.9	58.0
Refining						
<u>Volumes (thousands of barrels per day)</u>						
Heavy crude oil processing rate	193	265	240	245	236	252
<u>Benchmark Market Margins</u>						
Light crude oil - 2-1-1	11.86	13.26	16.71	12.30	13.54	12.62
Light crude oil - Maya differential	8.78	6.28	5.10	7.96	7.02	8.10

Source: LYB and third party consultants

Note: Benchmark market prices for U.S. and Western Europe polyethylene and polypropylene reflect discounted prices. Volumes presented represent third party sales of selected key products.

Table 3 - Unaudited Income Statement Information

(Millions of U.S. dollars)	2017				Total	2018
	Q1	Q2	Q3	Q4		Q1
Sales and other operating revenues	\$ 8,430	\$ 8,403	\$ 8,516	\$ 9,135	\$ 34,484	\$ 9,767
Cost of sales	6,991	6,601	6,939	7,528	28,059	8,012
Selling, general and administrative expenses	204	200	218	237	859	233
Research and development expenses	25	25	27	29	106	28
Operating income	1,210	1,577	1,332	1,341	5,460	1,494
Income from equity investments	81	78	81	81	321	96
Interest expense, net ^(a)	(201)	(91)	(89)	(86)	(467)	(80)
Other income, net ^(b)	30	29	114	6	179	24
Income from continuing operations before income taxes ^{(a) (b)}	1,120	1,593	1,438	1,342	5,493	1,534
Provision for (benefit from) income taxes ^(c)	315	459	380	(556)	598	303
Income from continuing operations ^(d)	805	1,134	1,058	1,898	4,895	1,231
Loss from discontinued operations, net of tax	(8)	(4)	(2)	(4)	(18)	--
Net income ^(d)	797	1,130	1,056	1,894	4,877	1,231
Net loss attributable to non-controlling interests	--	1	1	--	2	--
Net income attributable to the Company shareholders ^(d)	\$ 797	\$ 1,131	\$ 1,057	\$ 1,894	\$ 4,879	\$ 1,231

(a) Includes pre-tax charges totaling \$113 million in the first quarter of 2017 related to the redemption of \$1,000 million aggregate principal amount of our outstanding 5% Senior Notes due 2019.

(b) Includes a pre-tax gain of \$31 million in the first quarter of 2017 on the sale of our Lake Charles, Louisiana site currently used as a logistics terminal, and a pre-tax gain of \$108 million in the third quarter of 2017 on the sale of our interest in Geosel.

(c) The fourth quarter of 2017 includes an \$819 million non-cash tax benefit related to the lower federal income tax rate resulting from the U.S. Tax Cuts and Jobs Act enacted in December 2017.

(d) The first quarter of 2017 includes after-tax charges totaling \$106 million related to the redemption of \$1,000 million aggregate principal amount of our outstanding 5% Senior Notes due 2019. The third quarter of 2017 includes a \$103 million after-tax gain on the sale of our interest in Geosel. The fourth quarter of 2017 includes an \$819 million non-cash tax benefit discussed above.

Table 4 - Charges (Benefits) Included in Net Income

Millions of U.S. dollars (except share data)	2017				Annual	2018
	Q1	Q2	Q3	Q4	Impact	Q1
Pretax charges (benefits):						
Tax benefit due to change in tax law from the U.S. Tax Cuts and Jobs Act	\$ --	\$ --	\$ --	\$ (819)	\$ (819)	\$ --
Charges and premiums related to redemption of debt	113	--	--	--	113	--
Gain on sale of interest in Geosel	--	--	(108)	--	(108)	--
Total pretax charges (benefits)	113	--	(108)	(819)	(814)	--
Provision for (benefit from) income tax related to these items	(7)	--	5	--	(2)	--
After-tax effect of net charges (benefits)	\$ 106	\$ --	\$ (103)	\$ (819)	\$ (816)	\$ --
Effect on diluted earnings per share	\$ (0.26)	\$ --	\$ 0.26	\$ 2.07	\$ 2.05	\$ --

Table 5 - Unaudited Cash Flow Information

<u>(Millions of U.S. dollars)</u>	<u>2017</u>					<u>2018</u>
	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Total</u>	<u>Q1</u>
Net cash provided by operating activities ^(a)	\$ 678	\$ 1,560	\$ 1,486	\$ 1,482	\$ 5,206	\$ 1,006
Net cash used in investing activities ^(b)	(541)	(513)	(200)	(502)	(1,756)	(189)
Net cash used in financing activities ^(a)	(537)	(822)	(832)	(668)	(2,859)	(520)

(a) In the second quarter of 2017, the early adoption of ASU 2016-15, *Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments* resulted in the reclassification of cash flows related to debt extinguishment costs incurred in the first quarter of 2017 from operating to financing activities cash flows.

(b) Also in the second quarter of 2017, the early retrospective adoption of ASU 2016-18, *Statement of Cash Flows: Restricted Cash* requires the inclusion of restricted cash and restricted cash equivalents in the cash and cash equivalents balances in our Statements of Cash Flows.

Table 6- Unaudited Balance Sheet Information

<u>(Millions of U.S. dollars)</u>	<u>March 31,</u> <u>2017</u>	<u>June 30,</u> <u>2017</u>	<u>September 30,</u> <u>2017</u>	<u>December 31,</u> <u>2017</u>	<u>March 31,</u> <u>2018</u>
Cash and cash equivalents	\$ 485	\$ 734	\$ 1,204	\$ 1,523	\$ 1,840
Restricted cash	1	6	7	5	-
Short-term investments	1,176	1,278	1,295	1,307	1,042
Accounts receivable, net	3,292	3,086	3,275	3,539	3,859
Inventories	3,875	4,007	4,177	4,217	4,257
Prepaid expenses and other current assets	852	964	1,104	1,147	1,070
Total current assets	<u>9,681</u>	<u>10,075</u>	<u>11,062</u>	<u>11,738</u>	<u>12,068</u>
Property, plant and equipment, net	10,361	10,551	10,737	10,997	11,249
Investments and long-term receivables:					
Investment in PO joint ventures	409	423	428	420	424
Equity investments	1,672	1,595	1,644	1,635	1,767
Other investments and long-term receivables	20	18	19	17	22
Goodwill	531	559	570	570	578
Intangible assets, net	517	499	480	568	567
Other assets	577	398	303	261	221
Total assets	<u>\$ 23,768</u>	<u>\$ 24,118</u>	<u>\$ 25,243</u>	<u>\$ 26,206</u>	<u>\$ 26,896</u>
Current maturities of long-term debt	\$ 2	\$ 2	\$ 3	\$ 2	\$ 5
Short-term debt	611	561	381	68	77
Accounts payable	2,627	2,317	2,735	2,895	3,010
Accrued liabilities	1,139	1,251	1,493	1,812	1,506
Total current liabilities	<u>4,379</u>	<u>4,131</u>	<u>4,612</u>	<u>4,777</u>	<u>4,598</u>
Long-term debt	8,419	8,496	8,531	8,549	8,531
Other liabilities	2,130	2,253	2,326	2,275	2,350
Deferred income taxes ^(a)	2,353	2,370	2,447	1,655	1,688
Stockholders' equity	6,462	6,866	7,326	8,949	9,728
Non-controlling interests	25	2	1	1	1
Total liabilities and stockholders' equity	<u>\$ 23,768</u>	<u>\$ 24,118</u>	<u>\$ 25,243</u>	<u>\$ 26,206</u>	<u>\$ 26,896</u>

(a) Deferred income taxes at December 31, 2017 reflects an \$819 million favorable adjustment related to the lower federal income tax rate resulting from the U.S. Tax Cuts and Jobs Act.

Non-GAAP Reconciliations

Table 7 - Reconciliation of Segment EBITDA to EBITDA

<u>In Millions of Dollars</u>	Three Months Ended				Year Ended 2017	Year Ended 2017	Three Months Ended		Last Twelve Months
	March 31, 2017	June 30, 2017	September 30, 2017	December 31, 2017			March 31, 2017	March 31, 2018	March 31, 2018
EBITDA:									
Olefins & Polyolefins - Americas	\$ 723	\$ 859	\$ 616	\$ 784	\$ 2,982	\$ 2,982	\$ (723)	\$ 780	\$ 3,039
Olefins & Polyolefins - EAI	529	699	698	356	2,282	2,282	(529)	518	2,271
Intermediates & Derivatives	339	339	402	410	1,490	1,490	(339)	486	1,637
Refining	(30)	25	58	104	157	157	30	63	250
Technology	60	48	47	68	223	223	(60)	56	219
Other	(4)	-	-	4	-	-	4	10	14
Continuing	<u>\$ 1,617</u>	<u>\$ 1,970</u>	<u>\$ 1,821</u>	<u>\$ 1,726</u>	<u>\$ 7,134</u>	<u>\$ 7,134</u>	<u>\$ (1,617)</u>	<u>\$ 1,913</u>	<u>\$ 7,430</u>

Table 8 - Reconciliation of Net Income To EBITDA

<u>In Millions of Dollars</u>	Three Months Ended				Year Ended 2017	Year Ended 2017	Three Months Ended		Last Twelve Months March 31, 2018
	March 31, 2017	June 30, 2017	September 30, 2017	December 31, 2017			March 31, 2017	March 31, 2018	
Net Income ^{(a)(b)}	\$ 797	\$ 1,130	\$ 1,056	\$ 1,894	\$ 4,877	\$ 4,877	\$ (797)	\$ 1,231	\$ 5,311
Loss from Discontinued Operations	8	4	2	4	18	18	(8)	-	10
Income from Continuing Operations ^{(a)(b)}	805	1,134	1,058	1,898	4,895	4,895	(805)	1,231	5,321
Provision for (benefit from) Income Taxes ^(b)	315	459	380	(556)	598	598	(315)	303	586
Depreciation and Amortization	296	286	294	298	1,174	1,174	(296)	299	1,177
Interest expense, net ^(c)	201	91	89	86	467	467	(201)	80	346
EBITDA ^(d)	\$ 1,617	\$ 1,970	\$ 1,821	\$ 1,726	\$ 7,134	\$ 7,134	\$ (1,617)	\$ 1,913	\$ 7,430

(a) The third quarter of 2017 includes an after-tax gain of \$103 million on the sale of our interest in Geosel.

(b) The fourth quarter of 2017 includes an \$819 million non-cash tax benefit related to the lower federal income tax rate resulting from the U.S. Tax Cuts and Jobs Act enacted in December 2017.

(c) Includes pre-tax charges totaling \$113 million in the first quarter of 2017 related to the redemption of \$1,000 million aggregate principal amount of our 5% Senior Noted due 2019.

(d) Third quarter 2017 EBITDA includes a pre-tax gain of \$108 million on the sale of our interest in Geosel.

Table 9 - Components of Cash and Liquid Investments and Total Liquidity

<u>In Millions of Dollars</u>	<u>December 31, 2017</u>	<u>March 31, 2017</u>	<u>March 31, 2018</u>
Cash and Cash Equivalents and Restricted Cash	\$ 1,528	\$ 486	\$ 1,840
Short-Term Investments	1,307	1,176	1,042
Repurchase Agreements	570	497	586
Cash and Liquid Investments	3,405	2,159	3,468
Availability under Senior Revolving Credit Facility	2,500	1,927	2,500
Availability under U.S. Receivables Securitization Facility	900	900	900
Total Liquidity	<u>\$ 6,805</u>	<u>\$ 4,986</u>	<u>\$ 6,868</u>

Table 10 - Reconciliation of Free Cash Flow to Net Cash Provided by Operating Activities

<u>In Millions of Dollars</u>	<u>Years Ended December 31,</u>				<u>Year Ended</u>	<u>Three Months Ended</u>		<u>Last Twelve</u>
	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>December 31,</u>	<u>March 31,</u>	<u>March 31,</u>	<u>Months</u>
					<u>2017</u>	<u>2017</u>	<u>2018</u>	<u>March 31,</u>
Free Cash Flow	\$ 4,549	\$ 4,402	\$ 3,363	\$ 3,659	\$ 3,659	\$ (257)	\$ 577	\$ 3,979
Add:								
Capital Expenditures	1,499	1,440	2,243	1,547	1,547	(421)	429	1,555
Net Cash Provided by Operating Activities	<u>\$ 6,048</u>	<u>\$ 5,842</u>	<u>\$ 5,606</u>	<u>\$ 5,206</u>	<u>\$ 5,206</u>	<u>\$ (678)</u>	<u>\$ 1,006</u>	<u>\$ 5,534</u>

Table 11 - Cash from Operating Activities as a Percent of Average Enterprise Value

<u>In Millions of Dollars, except share amounts</u>	<u>For the Years Ended December 31,</u>				<u>Last Twelve</u>
	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>Months</u>
					<u>March 31,</u>
					<u>2018</u>
Cash from Operating Activities	\$ 6,048	\$ 5,842	\$ 5,606	\$ 5,206	\$ 5,534
Average Enterprise Value:					
Common Shares Outstanding	486,969,402	440,150,069	404,046,331	394,512,054	393,482,424
Daily Average Closing Price	\$ 93.66	\$ 91.47	\$ 81.00	\$ 92.00	\$ 97.01
Market Capitalization	45,610	40,261	32,728	36,295	38,172
Current Maturities of Long Term Debt	4	4	2	2	5
Short-Term Debt	346	353	594	68	77
Long-Term Debt	6,695	7,671	8,385	8,549	8,531
Less:					
Cash and Cash Equivalents	1,031	924	875	1,523	1,840
Short-Term Investments	1,593	1,064	1,147	1,307	1,042
Net Debt	4,421	6,040	6,959	5,789	5,731
Non-Controlling Interests	30	24	25	1	1
Enterprise Value	\$ 50,061	\$ 46,325	\$ 39,712	\$ 42,085	\$ 43,904
Cash from Operating Activities as a					
Percent of Enterprise Value	12%	13%	14%	12%	13%

Table 12 - Schedule of Spending for Dividends and Share Repurchases

<u>In Millions of Dollars</u>	<u>Three Months Ended</u>				<u>Year Ended</u>	<u>March 31,</u> <u>2018</u>
	<u>March 31,</u> <u>2017</u>	<u>June 30,</u> <u>2017</u>	<u>September 30,</u> <u>2017</u>	<u>December 31,</u> <u>2017</u>	<u>December 31,</u> <u>2017</u>	
Dividends	\$ 343	\$ 361	\$ 356	\$ 355	\$ 1,415	\$ 395
Repurchases of Ordinary Shares	160	410	296	-	866	119
Total	<u>\$ 503</u>	<u>\$ 771</u>	<u>\$ 652</u>	<u>\$ 355</u>	<u>\$ 2,281</u>	<u>\$ 514</u>
