

**Reconciliation of EBITDA Excluding LCM Adjustments to EBITDA**

In Millions of Dollars	Three Months Ended				2015	Three Months Ended	2015	Three Months Ended		Last Twelve Months
	March 31, 2015	June 30, 2015	September 30, 2015	December 31, 2015		March 31, 2016		March 31, 2015	March 31, 2016	March 31, 2016
<b>EBITDA Excluding LCM Adjustments:</b>										
Olefins & Polyolefins - Americas	\$ 1,074	\$ 993	\$ 920	\$ 834	\$ 3,821	\$ 878	\$ 3,821	\$ (1,074)	\$ 878	\$ 3,625
Olefins & Polyolefins - EAI	357	492	555	451	1,855	549	1,855	(357)	549	2,047
Intermediates & Derivatives	381	483	506	286	1,656	354	1,656	(381)	354	1,629
Refining	154	154	143	68	519	14	519	(154)	14	379
Technology	76	57	45	65	243	83	243	(76)	83	250
Other	2	(2)	13	(26)	(13)	(3)	(13)	(2)	(3)	(18)
Total	2,044	2,177	2,182	1,678	8,081	1,875	8,081	(2,044)	1,875	7,912
<b>Less:</b>										
<b>LCM Adjustments:</b>										
Olefins & Polyolefins - Americas	43	(21)	79	59	160	-	160	(43)	-	117
Olefins & Polyolefins - EAI	-	-	6	24	30	40	30	-	40	70
Intermediates & Derivatives	44	17	46	74	181	28	181	(44)	28	165
Refining	5	(5)	50	127	177	-	177	(5)	-	172
Technology	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total	92	(9)	181	284	548	68	548	(92)	68	524
<b>EBITDA:</b>										
Olefins & Polyolefins - Americas	1,031	1,014	841	775	3,661	878	3,661	(1,031)	878	3,508
Olefins & Polyolefins - EAI	357	492	549	427	1,825	509	1,825	(357)	509	1,977
Intermediates & Derivatives	337	466	460	212	1,475	326	1,475	(337)	326	1,464
Refining	149	159	93	(59)	342	14	342	(149)	14	207
Technology	76	57	45	65	243	83	243	(76)	83	250
Other	2	(2)	13	(26)	(13)	(3)	(13)	(2)	(3)	(18)
Total	\$ 1,952	\$ 2,186	\$ 2,001	\$ 1,394	\$ 7,533	\$ 1,807	\$ 7,533	\$ (1,952)	\$ 1,807	\$ 7,388

**Reconciliation of Net Income To EBITDA**

<u>In Millions of Dollars</u>	Three Months Ended				Three	Three Months Ended			Last Twelve	
	March 31,	June 30,	September	December 31,	Months	March 31,	March 31,	March 31,		
	2015	2015	30, 2015	2015	2015	2015	2015	2016		
Net Income	\$ 1,164	\$ 1,329	\$ 1,186	\$ 795	\$ 4,474	\$ 1,030	\$ 4,474	\$ (1,164)	\$ 1,030	\$ 4,340
(Income) Loss from Discontinued Operations	3	(3)	3	2	5	-	5	(3)	-	2
LCM Adjustments, After Tax	58	(6)	114	185	351	68	351	(58)	68	361
Income from Continuing Operations Excluding LCM Adjustments	1,225	1,320	1,303	982	4,830	1,098	4,830	(1,225)	1,098	4,703
Less:										
LCM Adjustments, After Tax	(58)	6	(114)	(185)	(351)	(68)	(351)	58	(68)	(361)
Income from Continuing Operations	1,167	1,326	1,189	797	4,479	1,030	4,479	(1,167)	1,030	4,342
Provision for Income Taxes	440	541	487	262	1,730	432	1,730	(440)	432	1,722
Depreciation and Amortization	287	247	248	265	1,047	268	1,047	(287)	268	1,028
Interest expense, net	58	72	77	70	277	77	277	(58)	77	296
Add:										
LCM Adjustments, Pre Tax	92	(9)	181	284	548	68	548	(92)	68	524
EBITDA Excluding LCM Adjustments	2,044	2,177	2,182	1,678	8,081	1,875	8,081	(2,044)	1,875	7,912
Less:										
LCM Adjustments, Pre Tax	(92)	9	(181)	(284)	(548)	(68)	(548)	92	(68)	(524)
EBITDA	\$ 1,952	\$ 2,186	\$ 2,001	\$ 1,394	\$ 7,533	\$ 1,807	\$ 7,533	\$ (1,952)	\$ 1,807	\$ 7,388

**Reconciliation of Diluted EPS from Continuing Operations Excluding LCM Adjustments to Diluted**

	Three Months Ended					Three Months
	March 31, 2015	June 30, 2015	September 30, 2015	December 31, 2015	2015	Ended March 31, 2016
Diluted Earnings Per Share from						
Continuing Operations Excluding LCM Adjustments	\$ 2.54	\$ 2.79	\$ 2.80	\$ 2.20	\$ 10.35	\$ 2.48
Less:						
LCM Adjustments	0.12	(0.02)	0.25	0.42	0.75	0.11
Diluted Earnings Per Share	<u>\$ 2.42</u>	<u>\$ 2.81</u>	<u>\$ 2.55</u>	<u>\$ 1.78</u>	<u>\$ 9.60</u>	<u>\$ 2.37</u>

**Reconciliation of Operating Income Excluding LCM Adjustments to Operating Income**

<u>In Millions of Dollars</u>	Three Months Ended				2015	Months Ended	Three Months Ended		Last Twelve Months	
	March 31,	June 30,	September 30,	December 31,		March 31,	March 31,	March 31,		
	2015	2015	2015	2015		2016	2015	2016		
Operating Income Excluding LCM	\$ 1,667	\$ 1,836	\$ 1,831	\$ 1,336	\$ 6,670	\$ 1,428	\$ 6,670	\$ (1,667)	\$ 1,428	\$ 6,431
Less:										
Adjustment	92	(9)	181	284	548	68	548	(92)	68	524
Operating Income	<u>\$ 1,575</u>	<u>\$ 1,845</u>	<u>\$ 1,650</u>	<u>\$ 1,052</u>	<u>\$ 6,122</u>	<u>\$ 1,360</u>	<u>\$ 6,122</u>	<u>\$ (1,575)</u>	<u>\$ 1,360</u>	<u>\$ 5,907</u>

## Components of Cash and Liquid Investments

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<u>In Millions of Dollars</u>	<u>March 31,</u> <u>2015</u>	<u>December 31,</u> <u>2015</u>	<u>March 31,</u> <u>2016</u>
Cash and Cash Equivalents	\$ 1,616	\$ 924	\$ 1,318
Short-Term Investments	1,478	1,064	1,332
Repurchase Agreements	488	387	302
Cash and Liquid Investments	<u>\$ 3,582</u>	<u>\$ 2,375</u>	<u>\$ 2,952</u>

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**Reconciliation of Free Cash Flow to Net Cash Provided by Operating Activities**

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<u>In Millions of Dollars</u>	<u>For the Years Ended December 31,</u>				<u>Three Months</u>	<u>2015</u>	<u>Three Months Ended</u>		<u>Last Twelve</u>
	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>Ended</u>		<u>March 31,</u>	<u>March 31,</u>	<u>Months</u>
					<u>March 31,</u>		<u>2015</u>	<u>2016</u>	<u>March 31,</u>
					<u>2016</u>				<u>2016</u>
Free Cash Flow	\$ 3,727	\$ 3,274	\$ 4,549	\$ 4,402	\$ 773	\$ 4,402	\$ (1,162)	\$ 773	\$ 4,013
Add:									
Capital Expenditures	1,060	1,561	1,499	1,440	527	1,440	(306)	527	1,661
Net Cash Provided by Operating Activities	<u>\$ 4,787</u>	<u>\$ 4,835</u>	<u>\$ 6,048</u>	<u>\$ 5,842</u>	<u>\$ 1,300</u>	<u>\$ 5,842</u>	<u>\$ (1,468)</u>	<u>\$ 1,300</u>	<u>\$ 5,674</u>

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## Reconciliation of Ratio of Total Debt to Last Twelve Months (LTM) EBITDA Excluding LCM

	Three Months Ended				Last Twelve Months
	June 30, 2015	September 30, 2015	December 31, 2015	March 31, 2016	March 31, 2016
<u>In Millions of Dollars</u>					
Current Maturities of Long-Term Debt					\$ 4
Short-Term Debt					594
Long-Term Debt					8,504
Total Debt as of September 30, 2015					9,102
Divided by:					
EBITDA	\$ 2,186	\$ 2,001	\$ 1,394	\$ 1,807	\$ 7,388
Ratio of Total Debt to LTM EBITDA					1.2 x
Lower of Cost or Market (LCM) Inventory Valuation Adjustment	(9)	181	284	68	524
EBITDA excluding LCM	\$ 2,177	\$ 2,182	\$ 1,678	\$ 1,875	\$ 7,912
Ratio of Total Debt to LTM EBITDA excluding LCM					1.2 x

**Schedule of Spending for Dividends and Share Repurchases**

<u>In Millions of Dollars</u>	<u>For the Years Ended December 31,</u>			<u>For the Year</u>	<u>Three Months Ended</u>		<u>Last Twelve</u>
	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>Ended</u>	<u>March 31,</u>	<u>March 31,</u>	<u>Months</u>
				<u>December 31,</u>	<u>2015</u>	<u>2016</u>	<u>March 31,</u>
Interim Dividends	\$ 1,127	\$ 1,403	\$ 1,410	\$ 1,410	\$ (334)	\$ 336	\$ 1,412
Repurchases of Ordinary Shares	1,949	5,788	4,656	4,656	(1,359)	986	4,283
Total	<u>\$ 3,076</u>	<u>\$ 7,191</u>	<u>\$ 6,066</u>	<u>\$ 6,066</u>	<u>\$ (1,693)</u>	<u>\$ 1,322</u>	<u>\$ 5,695</u>