FLOWSERVE CORP Form 10-Q August 08, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE QUARTERLY PERIOD ENDED JUNE 30, 2018

OR

..TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE TRANSITION PERIOD FROM to .

Commission File No. 1-13179 FLOWSERVE CORPORATION

(Exact name of registrant as specified in its charter)

New York 31-0267900

(State or other jurisdiction of incorporation or organization) (I.R.S. Employer Identification No.)

5215 N. O'Connor Blvd., Suite 2300, Irving, Texas 75039

(Address of principal executive offices) (Zip Code)

(972) 443-6500 (Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. b Yes "No Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). b Yes "No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "accelerated filer," "large accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer b Accelerated filer "Non-accelerated filer "(do not check if a smaller reporting company)

Smaller reporting company "Emerging growth company"

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. "

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes $\ddot{}$ No $\dot{}$

As of August 2, 2018 there were 130,852,600 shares of the issuer's common stock outstanding.

FLOWSERVE CORPORATION FORM 10-Q TABLE OF CONTENTS

	Page
	No.
<u>PART I – FINANCIAL INFORMATION</u>	
Item 1. Financial Statements.	
Condensed Consolidated Statements of Income and Condensed Consolidated Statements of Comprehensive	1
<u>Income – Three Months Ended June 30, 2018 and 2017 (unaudited)</u>	_
Condensed Consolidated Statements of Income and Condensed Consolidated Statements of Comprehensive	<u>2</u>
<u>Income – Six Months Ended June 30, 2018 and 2017 (unaudited)</u>	
Condensed Consolidated Balance Sheets – June 30, 2018 and December 31, 2017 (unaudited)	<u>3</u>
Condensed Consolidated Statements of Cash Flows – Six Months Ended June 30, 2018 and 2017 (unaudited)	<u>4</u> <u>5</u>
Notes to Condensed Consolidated Financial Statements (unaudited)	<u>5</u>
Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations	<u>29</u>
Item 3. Quantitative and Qualitative Disclosures About Market Risk	<u>45</u>
Item 4. Controls and Procedures	<u>45</u>
PART II – OTHER INFORMATION Item 1. Legal Proceedings Item 1A. Risk Factors Item 2. Unregistered Sales of Equity Securities and Use of Proceeds Item 3. Defaults Upon Senior Securities Item 4. Mine Safety Disclosures Item 5. Other information Item 6. Exhibits SIGNATURES	46 46 46 47 47 47 47 48
EX-31.1	<u>10</u>
EX-31.2	
EX-32.1	
EX-32.2	
EX-101 INSTANCE DOCUMENT	
EX-101 SCHEMA DOCUMENT	
EX-101 CALCULATION LINKBASE DOCUMENT	
EX-101 LABELS LINKBASE DOCUMENT	
EX-101 PRESENTATION LINKBASE DOCUMENT	
EX-101 DEFINITION LINKBASE DOCUMENT	
i	

Table of Contents

PART I — FINANCIAL INFORMATION

Item 1. Financial Statements.

FLOWSERVE CORPORATION

CONDENSED CONSOLIDATED STATEMENTS OF INCOME

(Unaudited)

(Amounts in thousands, except per share data)		Three Months Ended				
(Amounts in thousands, except per share data)	June 30,					
	2018	2017				
Sales	\$973,129	\$877,063				
Cost of sales	(687,072) (631,603)				
Gross profit	286,057	245,460				
Selling, general and administrative expense	(240,791) (252,530)				
Gain on sale of business	_	131,294				
Net earnings from affiliates	1,445	2,654				
Operating income	46,711	126,878				
Interest expense	(14,939) (14,951)				
Interest income	1,330	641				
Other expense, net	(4,770) (9,496)				
Earnings before income taxes	28,332	103,072				
Provision for income taxes	(13,545) (60,887)				
Net earnings, including noncontrolling interests	14,787	42,185				
Less: Net earnings attributable to noncontrolling interests	(1,567) (307)				
Net earnings attributable to Flowserve Corporation	\$13,220	\$41,878				
Net earnings per share attributable to Flowserve Corporation common shareholders:						
Basic	\$0.10	\$0.32				
Diluted	0.10	0.32				
Cash dividends declared per share	\$0.19	\$0.19				

CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(Unaudited)

(Amounts in thousands)	Three Mo Ended Jui		
	2018	2017	
Net earnings, including noncontrolling interests	\$14,787	\$42,185	,
Other comprehensive (loss) income:			
Foreign currency translation adjustments, net of taxes of \$7,079 and \$(10,357), respectively	(60,997	34,317	
Pension and other postretirement effects, net of taxes of \$(274) and \$(525), respectively	5,817	(1,142)
Cash flow hedging activity	97	(19)
Other comprehensive (loss) income	(55,083	33,156	
Comprehensive (loss) income, including noncontrolling interests	(40,296	75,341	
Comprehensive income attributable to noncontrolling interests	(1,571	(307)
Comprehensive (loss) income attributable to Flowserve Corporation	\$(41,867)	\$75,034	+

See accompanying notes to condensed consolidated financial statements.

Table of Contents

FLOWSERVE CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF INCOME (Unaudited)

(Amounts in thousands, except nor share data)	Six Months	Ended June
(Amounts in thousands, except per share data)	30,	
	2018	2017
Sales	\$1,893,083	\$1,743,381
Cost of sales	(1,335,593	(1,228,934)
Gross profit	557,490	514,447
Selling, general and administrative expense	(469,966	(474,304)
Gain on sale of business		131,294
Net earnings from affiliates	4,613	6,109
Operating income	92,137	177,546
Interest expense	(29,818) (29,646)
Interest income	2,968	1,265
Other expense, net	(11,925) (21,483
Earnings before income taxes	53,362	127,682
Provision for income taxes	(22,116) (66,208)
Net earnings, including noncontrolling interests	31,246	61,474
Less: Net earnings attributable to noncontrolling interests	(2,883) (545
Net earnings attributable to Flowserve Corporation	\$28,363	\$60,929
Net earnings per share attributable to Flowserve Corporation common shareholders:		
Basic	\$0.22	\$0.47
Diluted	0.22	0.46
Cash dividends declared per share	\$0.38	\$0.38

CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (Unaudited)

(Amounts in thousands)		Six Months Ended			
(Timounts in thousands)	June 30,				
	2018	2017			
Net earnings, including noncontrolling interests	\$31,246	\$61,474			
Other comprehensive (loss) income:					
Foreign currency translation adjustments, net of taxes of \$4,788 and \$(12,171), respectively	(41,548)	68,103			
Pension and other postretirement effects, net of taxes of \$(587) and \$(1,112), respectively	5,507	(658)		
Cash flow hedging activity, net of taxes of \$(34) in 2017	125	84			
Other comprehensive (loss) income	(35,916)	67,529			
Comprehensive income, including noncontrolling interests	(4,670)	129,003			
Comprehensive income attributable to noncontrolling interests	(3,693)	(1,079)		
Comprehensive income attributable to Flowserve Corporation	\$(8,363)	\$127,924	٢		

See accompanying notes to condensed consolidated financial statements.

Table of Contents

FLOWSERVE CORPORATION CONDENSED CONSOLIDATED BALANCE SHEETS		
(Unaudited)		
(Amounts in thousands, except par value)	June 30, 2018	December 31, 2017
ASSETS		
Current assets:		
Cash and cash equivalents	\$517,442	\$703,445
Accounts receivable, net of allowance for doubtful accounts of \$57,281 and \$59,113,	815,708	856,711
respectively	•	0.50,711
Contract assets, net	257,224	_
Inventories, net	675,325	884,273
Prepaid expenses and other	107,292	114,316
Total current assets	2,372,991	2,558,745
Property, plant and equipment, net of accumulated depreciation of \$983,074 and \$968,033, respectively	625,979	671,796
Goodwill	1,206,877	1,218,188
Deferred taxes	54,576	51,974
Other intangible assets, net	200,253	210,049
Other assets, net	189,946	199,722
Total assets	\$4,650,622	\$4,910,474
LIABILITIES AND EQUITY		
Current liabilities:		
Accounts payable	\$428,835	\$443,113
Accrued liabilities	382,157	724,196
Contract liabilities	171,940	—
Debt due within one year	69,923	75,599
Total current liabilities	1,052,855	1,242,908
Long-term debt due after one year	1,454,947	1,499,658
Retirement obligations and other liabilities	501,269	496,954
Shareholders' equity:	,	., .,, .
Common shares, \$1.25 par value	220,991	220,991
Shares authorized – 305,000	,,,,	,,,,
Shares issued – 176,793		
Capital in excess of par value	483,477	488,326
Retained earnings	3,502,006	3,503,947
Treasury shares, at cost – 46,241 and 46,471 shares, respectively		(2,059,558)
Deferred compensation obligation	6,933	6,354
Accumulated other comprehensive loss	•	(505,473)
Total Flowserve Corporation shareholders' equity		1,654,587
	1,621,660	1,057,507
Noncontrolling interests	1,621,660 19,891	
Noncontrolling interests Total equity		16,367 1,670,954

See accompanying notes to condensed consolidated financial statements.

Table of Contents

FLOWSERVE CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited)

Amounts in thousands)		Six Months Ended			
(Amounts in thousands)	June 30,				
	2018	2017			
Cash flows – Operating activities:					
Net earnings, including noncontrolling interests	\$31,246	\$61,474			
Adjustments to reconcile net earnings to net cash provided (used) by operating activities:					
Depreciation	49,169	50,252			
Amortization of intangible and other assets	8,467	7,143			
Gain on disposition of business		(131,294)			
Stock-based compensation	8,395	15,743			
Foreign currency, asset impairments and other non-cash adjustments	35,037	31,573			
Change in assets and liabilities:					
Accounts receivable, net	(32,235) 71,078			
Inventories, net	(57,414) (17,277)			
Contract assets, net	(48,907) —			
Prepaid expenses and other assets, net	2,353	29,106			
Accounts payable	(10,550) (55,928)			
Contract liabilities	(384) —			
Accrued liabilities and income taxes payable	(44,756) (9,777)			
Retirement obligations and other	4,478	(8,624)			
Net deferred taxes	(1,636) 3,131			
Net cash flows (used) provided by operating activities	(56,737) 46,600			
Cash flows – Investing activities:					
Capital expenditures	(31,747) (29,447)			
Proceeds from disposal of assets and other	908	2,383			
Proceeds from disposition of business	_	181,838			
Net cash flows (used) provided by investing activities	(30,839) 154,774			
Cash flows – Financing activities:					
Payments on long-term debt	(30,000) (30,000)			
Proceeds under other financing arrangements	2,253	6,644			
Payments under other financing arrangements	(6,282) (2,690)			
Payments related to tax withholding for stock-based compensation	(2,931) (6,593)			
Payments of dividends	(49,681) (49,579)			
Other	(607) (244)			
Net cash flows used by financing activities	(87,248) (82,462)			
Effect of exchange rate changes on cash	(11,179				
Net change in cash and cash equivalents) 137,999			
Cash and cash equivalents at beginning of period		367,162			
Cash and cash equivalents at end of period	\$517,442	\$505,161			

See accompanying notes to condensed consolidated financial statements.

Table of Contents

FLOWSERVE CORPORATION

(Unaudited)

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

1. Basis of Presentation and Accounting Policies

Basis of Presentation

The accompanying condensed consolidated balance sheet as of June 30, 2018, the related condensed consolidated statements of income and comprehensive income for the three and six months ended June 30, 2018 and 2017 and the condensed consolidated statements of cash flows for the six months ended June 30, 2018 and 2017 of Flowserve Corporation are unaudited. In management's opinion, all adjustments comprising normal recurring adjustments necessary for fair statement of such condensed consolidated financial statements have been made. Where applicable, prior period information has been updated to conform to current year presentation.

The accompanying condensed consolidated financial statements and notes in this Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2018 ("Quarterly Report") are presented as permitted by Regulation S-X and do not contain certain information included in our annual financial statements and notes thereto. Accordingly, the accompanying condensed consolidated financial information should be read in conjunction with the audited consolidated financial statements presented in our Annual Report on Form 10-K for the year ended December 31, 2017 ("2017 Annual Report").

Argentina Highly Inflationary - Effective July 1, 2018, Argentina was designated as hyperinflationary, and as a result, we will begin to use the U.S. dollar as our functional currency in Argentina. Our Argentinian subsidiary's sales for the three and six months ended June 30, 2018 and total assets at June 30, 2018 represented approximately 1% of our consolidated sales and total assets, respectively.

Accounting Developments

Pronouncements Implemented

In May 2014, the FASB issued Accounting Standards Update ("ASU") No. 2014-09, "Revenue from Contracts with Customers (Topic 606)" (the "New Revenue Standard" or "ASC 606"), which supersedes most of the revenue recognition requirements in "Revenue Recognition (Topic 605)" ("Topic 605"). On January 1, 2018, we adopted the New Revenue Standard using the modified retrospective method for transition, applying the guidance to those contracts which were not completed as of that date. According to our method of transition we adjusted for the cumulative effect of the changes made to our condensed consolidated balance sheet and recorded a cumulative effect adjustment to increase retained earnings by approximately \$20 million, mostly associated with the increase in percentage of completion ("POC") method revenue, as a result of initially applying the standard. We have modified our accounting policies and practices, business processes, systems and controls to support compliance with the standard requirements. Revenue recognition and related financial information for this Quarterly Report are based on the requirements of ASC 606. Accordingly, periods prior to January 1, 2018 are presented in accordance with Topic 605. Refer to Note 2 of this Quarterly Report for a discussion on our adoption of the New Revenue Standard. In January 2016, the FASB issued ASU No. 2016-01, "Financial Instruments - Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities." The ASU requires entities to measure equity investments that do not result in consolidation and are not accounted for under the equity method at fair value with changes in fair value recognized in net income. The ASU also requires an entity to present separately in other comprehensive income the portion of the total change in the fair value of a liability resulting from a change in the instrument-specific credit risk when the entity has elected to measure the liability at fair value in accordance with the fair value option for financial instruments. The requirement to disclose the method(s) and significant assumptions used to estimate the fair value for financial instruments measured at amortized cost on the balance sheet has been eliminated by this ASU. In February 2018, the FASB issued ASU No. 2018-03, "Technical Corrections and Improvements to Financial Instruments-Overall (Subtopic 825-10)" to clarify certain aspects of ASU No. 2016-01. Our adoption of ASU No. 2016-01 and ASU No. 2018-03 effective January 1, 2018 did not have an impact on our consolidated financial condition and results of operations.

In August 2016, the FASB issued ASU No. 2016-15, "Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments - A consensus of the FASB Emerging Issues Task Force." The update was issued

with the objective of reducing the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows under Topic 230 and other topics. Our adoption of ASU No. 2016-15 effective January 1, 2018 did not have a material impact on our consolidated statement of cash flows. In October 2016, the FASB issued ASU No. 2016-16, "Income Taxes (Topic 740) Intra-Entity Transfers of Assets Other Than Inventory." The ASU guidance requires the recognition of the income tax consequences of an intercompany asset transfer, other than transfers of inventory, when the transfer occurs. For intercompany transfers of inventory, the income tax effects will continue

Table of Contents

to be deferred until the inventory has been sold to a third party. Our adoption of ASU No. 2016-16 effective January 1, 2018 did not have a material impact on our consolidated financial condition and results of operations. In November 2016, the FASB issued ASU No. 2016-18, "Statement of Cash Flows (Topic 230): Restricted Cash." The amendments in this ASU require that a statement of cash flows explain the change during the period in the total of cash, cash equivalents, and amounts generally described as restricted cash or restricted cash equivalents. Therefore, amounts generally described as restricted cash and restricted cash equivalents should be included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the statement of cash flows. Our adoption of ASU No. 2016-18 effective January 1, 2018 did not have a material impact on our consolidated statement of cash flows.

In January 2017, the FASB issued ASU No. 2017-01, "Business Combinations (Topic 805): "Clarifying the Definition of a Business." The ASU clarifies the definition of a business and provides guidance on evaluating as to whether transactions should be accounted for as acquisitions (or disposals) of assets or businesses. The definition clarification as outlined in this ASU affects many areas of accounting including acquisitions, disposals, goodwill, and consolidation. Our adoption of ASU No. 2017-01 effective January 1, 2018 did not have a material impact on our consolidated financial condition and results of operations.

In February 2017, the FASB issued ASU No. 2017-05, "Other Income - Gains and Losses from the Derecognition of Nonfinancial Assets (Subtopic 610-20): Clarifying the Scope of Asset Derecognition Guidance and Accounting for Partial Sales of Nonfinancial Assets." The FASB issued this ASU to clarify the scope of subtopic 610-20, which the FASB had failed to define in its issuance of ASU No. 2014-09, "Revenue from Contracts with Customers (Topic 606)." We adopted ASU No. 2017-05 effective January 1, 2018, concurrently with ASU No. 2014-09. Our adoption of ASU No. 2017-05 effective January 1, 2018 did not have a material impact on our consolidated financial condition and results of operations.

In March 2017, the FASB issued ASU No. 2017-07, "Compensation-Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost." The ASU requires entities to disaggregate the current service cost component from the other components of net benefit cost and present it with other current compensation costs for related employees in the income statement and present the other components of net benefit cost elsewhere in the income statement and outside of operating income. Entities are required to retrospectively apply the requirement for a separate presentation in the income statement of service costs and other components of net benefit cost. We adopted the income statement presentation aspects of this new guidance on a retrospective basis. The following is a reconciliation of the effect of the reclassification of the net post-retirement benefit cost from cost of sales ("COS") and selling, general and administrative expenses ("SG&A") to other expense, net in our condensed consolidated statement of income for the three and six months ended June 30, 2017:

	As					
(Amounts in thousands)	Previously		Adjustment	s(1)	As Reporte	d
	Reported					
Three Months Ended June 30, 2017						
Cost of sales	\$(632,068)	\$ 465		\$(631,603)
Gross profit	244,995		465		245,460	
Selling, general and administrative expense	(252,800)	270		(252,530)
Operating income	126,143		735		126,878	
Other expense, net	(8,761)	(735)	(9,496)
Six Months Ended June 30, 2017						
Cost of sales	\$(1,229,948	3)	\$ 1,014		\$(1,228,93	4)
Gross profit	513,433		1,014		514,447	
Selling, general and administrative expense	(474,885)	581		(474,304)
Operating income	175,951		1,595		177,546	
Other expense, net	(19,888)	(1,595)	(21,483)

(1) We elected the practical expedient that allows us to use the amounts disclosed in prior comparative periods' pension and postretirement plan footnotes as the basis for the retrospective application of the new income statement presentation requirements. See Note 11 of this Quarterly Report for additional information on the components of the net periodic cost for retirement and postretirement benefits plans.

In May 2017, the FASB issued ASU No. 2017-09, "Compensation-Stock Compensation (Topic 718): Scope of Modification Accounting." The ASU provides guidance on the types of changes to the terms or conditions of share-based payment awards, to which an entity would be required to apply modification accounting. The ASU is applied prospectively to awards modified on or

Table of Contents

after the effective date. Our adoption of ASU No. 2017-09 effective January 1, 2018 did not have an impact on our consolidated financial condition and results of operations.

Pronouncements Not Yet Implemented

In February 2016, the FASB issued ASU No. 2016-02, "Leases (Topic 842)". The ASU requires that organizations that lease assets recognize assets and liabilities on the balance sheet for the rights and obligations created by those leases. The ASU will affect the presentation of lease related expenses on the income statement and statement of cash flows and will increase the required disclosures related to leases. This ASU is effective for annual periods beginning after December 15, 2018, including interim periods within those fiscal years with early adoption permitted. We are currently evaluating the impact of ASU No. 2016-02 and all related ASU's on our consolidated financial condition and results of operations. We have formed a project team and initiated the process of assessing critical components of this new guidance and the potential impact that the guidance will have on our financial position, results of operations and cash flows. This evaluation process includes a review of our leasing contracts and a completeness assessment over our lease population. We are implementing a software tool and are concurrently identifying changes to our business processes, systems and controls to support adoption of the new standard. Based on the preliminary work completed and our initial qualitative evaluation, we believe a key change upon adoption of the standard will be the balance sheet recognition of leased assets and liabilities. Also, based on the same qualitative evaluation, we believe that any changes in income statement recognition will not be material.

In June 2016, the FASB issued ASU No. 2016-13, "Financial Instruments-Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments." The ASU requires, among other things, the use of a new current expected credit loss ("CECL") model in order to determine our allowances for doubtful accounts with respect to accounts receivable and contract assets. The CECL model requires that we estimate our lifetime expected credit loss with respect to our receivables and contract assets and record allowances that, when deducted from the balance of the receivables, represent the net amounts expected to be collected. We will also be required to disclose information about how we developed the allowances, including changes in the factors that influenced our estimate of expected credit losses and the reasons for those changes. The amendments of the ASU are effective for fiscal years beginning after December 15, 2019, including interim periods within those fiscal years. We are currently evaluating the impact of ASU No. 2016-13 on our consolidated financial condition and results of operations.

In January 2017, the FASB issued ASU No. 2017-04, "Intangibles - Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment." The amendments in this ASU allow companies to apply a one-step quantitative test and record the amount of goodwill impairment as the excess of a reporting unit's carrying amount over its fair value, not to exceed the total amount of goodwill allocated to the reporting unit. The amendments of the ASU are effective for annual or interim goodwill impairment tests in fiscal years beginning after December 15, 2019. Early adoption is permitted for interim or annual goodwill impairment tests performed on testing dates after January 1, 2017. We are currently evaluating the impact of ASU No. 2017-04 on our consolidated financial condition and results of operations. On July 13, 2017, the FASB issued ASU No. 2017-11, "Earnings Per Share (Topic 260); Distinguishing Liabilities from Equity (Topic 480); Derivatives and Hedging (Topic 815): (Part I) Accounting for Certain Financial Instruments with Down Round Features, (Part II) Replacement of the Indefinite Deferral for Mandatory Redeemable Financial Instruments of Certain Nonpublic Entities and Certain Mandatory Redeemable Noncontrolling Interests with a Scope Exception." The ASU amends guidance in FASB Accounting Standards Codification ("ASC") 260, Earnings Per Share, FASB ASC 480, Distinguishing Liabilities from Equity, and FASB ASC 815, Derivatives and Hedging. The amendments in Part I of this ASU change the classification analysis of certain equity-linked financial instruments (or embedded features) with down round features. The amendments in Part II of the ASU re-characterize the indefinite deferral of certain provisions of Topic 480 that now are presented as pending content in the codification, to a scope exception. The amendments in this ASU must be applied to annual reporting periods beginning after December 15, 2018. Early adoption is permitted. We are currently evaluating the impact of ASU No. 2017-11 on our consolidated financial condition and results of operations.

On August 28, 2017, the FASB issued ASU No. 2017-12, "Derivatives and Hedging (Topic 815): Targeted improvements of Accounting for Hedging Activities." The purpose of this ASU is to better align a company's risk

management activities and financial reporting for hedging relationships. Additionally, the ASU simplifies the hedge accounting requirements and improve the disclosures of hedging arrangements. The effective date is fiscal year 2020, with early adoption permitted. We are currently evaluating the impact of ASU No. 2017-12 on our consolidated financial condition and results of operations.

On February 2018, the FASB issued ASU No. 2018-02, "Income Statement - Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Comprehensive Income ("AOCI")." The ASU and its amendments were issued as a result of the enactment of the U.S. Tax Cuts and Jobs Act of 2017. The amendments of this ASU address the available options to reclassify stranded tax effects within AOCI to retained earnings in each period in which the effect of the change (or portion thereof) is recorded. Additionally, the ASU outlines the disclosure requirements for releasing income tax effects from AOCI. The ASU is effective for fiscal years beginning after December 15, 2018 and interim periods within those fiscal years.

Table of Contents

Early adoption is permitted. The ASU should be applied either in the period of adoption or retrospectively to each period (or periods) in which the effect of the change in the U.S. federal corporate income tax rate in the Tax Cuts and Jobs Act is recognized. We are currently evaluating the impact of ASU No. 2018-02 on our consolidated financial condition and results of operations.

On July 2018, the FASB issued ASU No. 2018-07, "Compensation - Stock Compensation (Topic 718) - Improvements to Non-employee Share-based Payment Accounting." The amendments of this ASU apply to all share-based payment transactions to non-employees, in which a grantor acquires goods or services to be used or consumed in a grantor's own operations, accounted under ASC 505-50, Equity-Based Payments to Non-Employees. Under the amendments of ASU 2018-07, most of the guidance on compensation to nonemployees would be aligned with the requirements for shared based payments granted to employees Topic 718. The ASU is effective for fiscal years beginning after December 15, 2018 and interim periods within those fiscal years. Early adoption is permitted. We are currently evaluating the impact of ASU No. 2018-07 on our consolidated financial condition and results of operations.

2. Revenue Recognition

We enter into contracts with customers typically having multiple commitments of goods and services including any combination of designing, developing, manufacturing, modifying, installing and commissioning of flow management equipment and providing services and parts related to the performance of such products. We evaluate the commitments in our contracts with customers to determine if the commitments are both capable of being distinct and distinct in the context of the contract in order to identify performance obligations.

We recognize revenue when (or as) we satisfy a performance obligation by transferring control of the performance obligation to a customer. Control of a performance obligation may transfer to the customer either over time or at a point in time depending on an evaluation of the specific facts and circumstances for each contract, including the terms and conditions of the contract as agreed with the customer, as well as the nature of the products or services to be provided. Our larger contracts are typically completed within a one to three-year period, while many other contracts, such as "short cycle" contracts, have a shorter timeframe for revenue recognition.

Control transfers over time when the customer is able to direct the use of and obtain substantially all of the benefits of our work as we perform. This typically occurs when products have no alternative use and we have a right to payment for performance completed to date, including a reasonable profit margin. Our contracts often include cancellation provisions that require the customer to reimburse us for costs incurred up to the date of cancellation, and some contracts also provide for reimbursement of profit upon cancellation in addition to costs incurred to date. Our primary method for recognizing revenue over time is the POC method. We measure progress towards completion by applying an input measure based on costs incurred to date relative to total estimated costs at completion (i.e., the cost-to-cost method). This method provides a reasonable depiction of the transfer of control of products and services to customers as it ensures our efforts towards satisfying a performance obligation, as reflected by costs incurred, are included in the measure of progress used for recognition of revenue. Costs generally include direct labor, direct material and manufacturing overhead. Costs that do not contribute towards control transfer are generally immaterial, but are excluded from the measure of progress in the event they are significant.

Historically, revenue recognized under the POC method has been 5% to 10% of our consolidated sales. Under the New Revenue Standard, we have experienced an increase in the amount of revenue recognized over time. This increase is primarily due to the application of the new "transfer of control" model for revenue recognition. Under this model, revenue for performance obligations subject to contractual transfer of control during the manufacturing process are recognized over time. This includes contracts with cancellation provisions that require reimbursement for costs incurred plus a reasonable margin and for which the performance obligation has no alternative use. Revenue from products and services transferred to customers over time accounted for approximately 23% and 3% of total revenue for the three month periods ended June 30, 2018 and 2017, respectively, and 23% and 3% of total revenue for the six month periods ended June 30, 2018 and 2017, respectively.

If control does not transfer over time, then control transfers at a point in time. We recognize revenue at a point in time at the level of each performance obligation based on the evaluation of certain indicators of control transfer, such as title transfer, risk of loss transfer, customer acceptance and physical possession. Revenue from products and services

transferred to customers at a point in time accounted for approximately 77% and 97% of total revenue for the three month periods ended June 30, 2018 and 2017, respectively, and 77% and 97% of total revenue for the six month periods ended June 30, 2018 and 2017, respectively.

A contract modification, or "change order," occurs when the existing enforceable rights and obligations of a contract change, such as a change in the scope, price or terms and conditions. We account for a change order as a new accounting contract when the change order is limited to adding new, distinct products and services that are priced in an amount consistent with standalone selling price. Other change orders are accounted for as a modification of the existing accounting contract. When a change order occurs for a contract having in-process over time performance obligations, the effect of the change order on the transaction price

Table of Contents

and the measure of progress for the performance obligations to which it relates is recognized as an adjustment to revenue (either as an increase in or a reduction of revenue) on a cumulative catch-up basis.

Freight charges billed to customers are included in sales and the related shipping costs are included in cost of sales in our consolidated statements of income. If shipping activities are performed after a customer obtains control of a product, we apply a policy election to account for shipping as an activity to fulfill the promise to transfer the product to the customer.

We apply a policy election to exclude transaction taxes collected from customers from sales when the tax is both imposed on and concurrent with a specific revenue-producing transaction.

In certain instances, we provide guaranteed completion dates under the terms of our contracts. Failure to meet contractual delivery dates can result in late delivery penalties or liquidated damages. In the event that the transaction price of such a contract is probable of experiencing a significant reversal due to a penalty, we constrain a portion of the transaction price. This reduction to the transaction price could potentially cause estimated total contract costs to exceed the transaction price, in which case we record a provision for the estimated loss in the period the loss is first projected. In circumstances where the transaction price still exceeds total projected costs, the estimated penalty generally reduces profitability of the contract at the time of subsequent revenue recognition.

Our incremental costs to obtain a contract are limited to sales commissions. We apply the practical expedient to expense commissions as incurred for contracts having a duration of one year or less. Sales commissions related to contracts with a duration of greater than one year are immaterial to our financial statements and are also expensed as incurred

We have not identified any material costs to fulfill a contract that qualify for capitalization under ASC 340-40. Performance Obligations

A performance obligation is a promise in a contract to transfer a distinct good or service to the customer, and is the unit of account for recognition of revenue. Many of our contracts have multiple performance obligations as the promise to transfer the individual goods or services, or certain groups of goods and services, is separately identifiable from other promises in the contract.

We allocate the transaction price of each contract to the performance obligations on the basis of standalone selling price and recognize revenue when, or as, control of each performance obligation transfers to the customer. For standard products, we identify the standalone selling price based on directly observable information. For customized or unique products and services, we apply the cost plus margin approach to estimate the standalone selling price. Under this method, we forecast our expected costs of satisfying a performance obligation and then add an appropriate standalone market margin for that distinct good or service.

We have elected to use the practical expedient to not adjust the transaction price of a contract for the effects of a significant financing component if, at the inception of the contract, we expect that the period between when we transfer a promised good or service to a customer and when the customer pays for that good or service will be one year or less.

A material product warranty exists when a customer has specifically requested or negotiated a warranty period that is significantly longer than our standard warranty period (i.e., a "service-type warranty") and where the warranty obligation is material in the context of the contract. It is not common for our contracts to contain material product warranties. However, when such a warranty exists, we account for it as a separate performance obligation. We estimate the standalone selling price of the warranty obligation utilizing a cost plus margin approach and allocate a portion of the transaction price to the warranty performance obligation on the basis of estimated standalone selling price. We recognize revenue for warranty performance obligations over time on a straight line basis over the extended warranty period.

A material right option is a benefit provided to a customer in a current contract, such as an option to receive future products or services for free or at a significant discount, that is incremental to benefits widely available to similar customers that do not enter into a specific contract. It is not common for our contracts to contain material right options. However, when a material right option exists, it is accounted for as a separate performance obligation and a portion of the transaction price is allocated to the performance obligation based on the estimated standalone selling price of the option. Revenue is recognized when (or as) the customer exercises the right to acquire future products

and/or services.

On June 30, 2018, the aggregate transaction price allocated to unsatisfied (or partially unsatisfied) performance obligations was approximately \$1,335 million. We estimate recognition of approximately \$1,059 million of this amount as revenue in 2018 and an additional \$276 million in 2019 and thereafter.

Revenue recognized for performance obligations satisfied (or partially satisfied) in prior periods for the three and six months ended June 30, 2018 was not material.

Table of Contents

ASC 606 Adoption Impact

We applied ASC 606 only to contracts that were not substantially complete as of January 1, 2018 and reflected the aggregate impact of all contract modifications ("change orders") that occurred before the beginning of the earliest period presented when accounting for modified contracts at transition. The following table presents the cumulative effect of the changes made to our condensed consolidated balance sheet as of January 1, 2018 related to the adoption of the New Revenue Standard:

		Adjustments		
(Amounts in thousands)	December 31, 2017	due to adoption of New Revenue Standard	January 1, 2018	
Accounts receivable, net of allowance for doubtful accounts(1)	856,711		807,464	
Contract assets, net(2)		219,361	219,361	
Inventories, net(3)	884,273	(238,573	645,700	
Prepaid expenses and other	114,316	(4,457	109,859	
Total current assets	2,558,745	(72,916	2,485,829	
Deferred taxes	51,974	(2,706	49,268	
Other assets, net	199,722	2,004	201,726	
Total assets	4,910,474	(73,618	4,836,856	
Accounts payable	443,113	11,784	454,897	
Accrued liabilities(4)	724,196	(290,445	433,751	
Contract liabilities(5)		178,515	178,515	
Total current liabilities	1,242,908	(100,146	1,142,762	
Retirement obligations and other liabilities	496,954	6,568	503,522	
Retained earnings	3,503,947	19,642	3,523,589	
Total equity	1,670,954	19,960	1,690,914	
Total liabilities and equity	4,910,474	(73,618	4,836,856	

⁽¹⁾ Adjusted for contract assets accounted for under delivery based methods, previously reported in receivables, net.

⁽²⁾ Represents our right of payment in advance of our contractual right to bill the customer.

⁽³⁾ Adjusted for contract assets accounted under the over time method, previously reported in inventories, net.

⁽⁴⁾ Adjusted for deferred revenue previously reported in accrued liabilities and reclassified to contract assets and contract liabilities.

⁽⁵⁾ Represents contractual billings in excess of revenue recognized at the contract level, previously reported in accrued liabilities.

Table of Contents

The modified retrospective approach requires a dual reporting presentation to be disclosed in the year of adoption. The dual reporting requirement outlines the impact amount by which a financial statement line is affected in the current reporting period by the adoption of the New Revenue Standard as compared with the previous standard in effect before the adoption.

The following tables present the dual reporting requirements:

The following tables present the dual reporting requirement	
	Three Months Ended June 30,
	2018
	Balances
	without
(Amountain thousands arount management)	Adoption Effect of As
(Amounts in thousands, except percentages)	of New Change Reported
	Revenue
	Standard
Sales	\$962,630 \$10,499 \$973,129
Cost of sales	(684,749) (2,323) (687,072)
Gross profit	277,881 8,176 286,057
Gross profit margin	28.9 % 29.4 %
Selling, general and administrative expense	(240,731) (60) (240,791)
Net earnings from affiliates	1,445 — 1,445
Operating income	38,595 8,116 46,711
Operating income as a percent of sales	4.0 % 4.8 %
Interest expense	(14,939) — (14,939)
Interest income	1,330 — 1,330
Other expense, net	(4,680) (90) (4,770)
Earnings before income taxes	20,306 8,026 28,332
Provision for income taxes	(14,412) 867 (13,545)
Net earnings, including noncontrolling interests	5,894 8,893 14,787
Less: Net earnings attributable to noncontrolling interests	
Net earnings attributable to Flowserve Corporation	\$4,327 \$8,893 \$13,220
Net earnings authoritable to Prowserve Corporation	\$4,327 \$6,693 \$13,220
	Six Months Ended June 30, 2018
	Balances
	without
	Adoption of Effect of A. B.
(Amounts in thousands, except percentages)	New Change As Reported
	Revenue Change
Color	Standard
Sales Cost of color	\$1,811,859 \$81,224 \$1,893,083
Cost of sales	(1,269,224) (66,369) (1,335,593)
Gross profit	542,635 14,855 557,490
Gross profit margin	29.9 % 29.4 %
Selling, general and administrative expense	(469,966) — $(469,966)$
Net earnings from affiliates	4,613 — 4,613
Operating income	77,282 14,855 92,137
Operating income as a percent of sales	4.3 % 4.9 %
Interest expense	(29,818) — (29,818)
Interest income	2,968 — 2,968
Other expense, net	(11,624) (301) (11,925)
Earnings before income taxes	38,808 14,554 53,362

Provision for income taxes	(20,958)	(1,158)	(22,116)
Net earnings, including noncontrolling interests	17,850		13,396	31,246	
Less: Net earnings attributable to noncontrolling interests	(2,883)	_	(2,883)
Net earnings attributable to Flowserve Corporation	\$14,967		\$13,396	\$28,363	

Table of Contents

(Amounts in thousands)	June 30, 2 Balances without Adoption	Effect of	As
(Timounts in thousands)	of New Revenue	Change	Reported
	Standard		
Accounts receivable, net	884,179	(68,471)	815,708
Contract assets, net	_	257,224	257,224
Inventories, net	985,776	(310,451)	675,325
Prepaid expenses and other	115,957	(8,665)	107,292
Total current assets	2,503,354	(130,363)	2,372,991
Deferred taxes	57,282	(2,706)	54,576
Other assets, net	189,537	409	189,946
Total assets	4,783,282	(132,660)	4,650,622
Accounts payable	422,264	6,571	428,835
Accrued liabilities	729,554	(347,397)	382,157
Contract liabilities	_	171,940	171,940
Total current liabilities	1,221,741	(168,886)	1,052,855
Retirement obligations and other liabilities	497,723	3,546	501,269
Retained earnings	3,468,968	33,038	3,502,006
Total equity	1,608,871	32,680	1,641,551
Total liabilities and equity	4,783,282	(132,660)	4,650,622

Disaggregated Revenue

We conduct our operations through three business segments based on the type of product and how we manage the business:

Engineered Product Division ("EPD") for long lead time, custom and other highly-engineered pumps and pump systems, mechanical seals, auxiliary systems and replacement parts and related services;

Industrial Product Division ("IPD") for engineered and pre-configured industrial pumps and pump systems and related products and services; and

Flow Control Division ("FCD") for engineered and industrial valves, control valves, actuators and controls and related services.

Our revenue sources are derived from our original equipment manufacturing and our aftermarket sales and services. Our original equipment revenues are generally related to originally designed, manufactured, distributed and installed equipment that can range from pre-configured, short-cycle products to more customized, highly-engineered equipment ("Original Equipment"). Our aftermarket sales and services are derived from sales of replacement equipment, as well as maintenance, advanced diagnostic, repair and retrofitting services ("Aftermarket"). Each of our three business segments generate Original Equipment and Aftermarket revenues.

Table of Contents

The following table presents our customer revenues disaggregated by revenue source:

	Three Mo	nths Ended	l June 30, 2	2018
(Amounts in thousands)	EPD	IPD	FCD	Total
Original Equipment	\$130,949	\$115,521	\$238,977	\$485,447
Aftermarket	340,229	80,770	66,683	487,682
	\$471,178	\$196,291	\$305,660	\$973,129
	Three Mo	nths Ended	l June 30, 2	2017(1)

	111100 1110	mins Emace	<i>b</i> and <i>50</i> , <i>2</i>	2017(1)
(Amounts in thousands)	EPD	IPD	FCD	Total
Original Equipment	\$121,273	\$111,700	\$211,089	\$444,062
Aftermarket	298,166	71,253	63,582	433,001
	\$419,439	\$182,953	\$274,671	\$877,063
	Six Month	s Ended I	ine 30, 201	8

(Amounts in thousands) EPD IPD FCD Total
Original Equipment \$270,576 \$229,960 \$449,467 \$950,003
Aftermarket 657,391 153,582 132,107 943,080
\$927,967 \$383,542 \$581,574 \$1,893,083

Six Months Ended June 30, 2017(1)

(Amounts in thousands)	EPD	IPD	FCD	Total
Original Equipment	\$248,660	\$219,555	\$432,391	\$900,606
Aftermarket	587,849	133,400	121,526	842,775
	\$836 509	\$352,955	\$553 917	\$1 743 381

\$836,509 \$352,955 \$553,917 \$1,743,381

Our customer sales are diversified geographically. The following table presents our revenues disaggregated by geography, based on the shipping addresses of our customers:

	Three Mo	nths Endec	June 30, 2	2018
(Amounts in thousands)	EPD	IPD	FCD	Total
North America(1)	\$184,533	\$79,717	\$133,564	\$397,814
Latin America(1)	37,054	6,620	5,319	48,993
Middle East and Africa	62,495	12,375	32,986	107,856
Asia Pacific	112,293	26,287	76,390	214,970
Europe	74,803	71,292	57,401	203,496
	\$471,178	\$196,291	\$305,660	\$973,129

Thras	Monthe	Endad	Juna 30	2017(2)

(Amounts in thousands)	EPD	IPD	FCD	Total
North America(1)	\$166,080	\$75,177	\$119,932	\$361,189
Latin America(1)	29,721	6,946	5,343	42,010
Middle East and Africa	46,410	12,659	28,492	87,561
Asia Pacific	99,599	24,010	57,036	180,645
Europe	77,629	64,161	63,868	205,658
	\$419,439	\$182,953	\$274,671	\$877,063

⁽¹⁾ Prior periods are presented in accordance with Topic 605.

Table of Contents

	Six Month	ns Ended Ju	ine 30, 201	.8
(Amounts in thousands)	EPD	IPD	FCD	Total
North America (1)	\$367,750	\$155,679	\$258,279	\$781,708
Latin America(1)	70,835	14,302	10,991	96,128
Middle East and Africa	124,183	27,511	66,045	217,739
Asia Pacific	220,376	46,319	132,573	399,268
Europe	144,823	139,731	113,686	398,240
	\$927,967	\$383,542	\$581,574	\$1,893,083
	Six Month	ns Ended Ju	ine 30, 201	7(2)
	Six Month EPD	ns Ended Ju IPD	ine 30, 201 FCD	7(2) Total
North America (1)				
North America (1) Latin America(1)	EPD	IPD	FCD	Total
` '	EPD \$325,319	IPD \$145,324	FCD \$233,105	Total \$703,748
Latin America(1)	EPD \$325,319 63,082	IPD \$145,324 14,062	FCD \$233,105 19,295	Total \$703,748 96,439
Latin America(1) Middle East and Africa	EPD \$325,319 63,082 119,138	IPD \$145,324 14,062 26,388	FCD \$233,105 19,295 57,387	Total \$703,748 96,439 202,913
Latin America(1) Middle East and Africa Asia Pacific	EPD \$325,319 63,082 119,138 180,211	IPD \$145,324 14,062 26,388 46,449	FCD \$233,105 19,295 57,387 101,632	Total \$703,748 96,439 202,913 328,292

⁽¹⁾ North America represents United States and Canada; Latin America includes Mexico.

Contract Balances

We receive payment from customers based on a contractual billing schedule and specific performance requirements as established in our contracts. We record billings as accounts receivable when an unconditional right to consideration exists. A contract asset represents revenue recognized in advance of our right to receive payment under the terms of a contract. A contract liability represents our right to receive payment in advance of revenue recognized for a contract. The following table presents opening and closing balances of contract assets and contract liabilities, current and long-term, for the six months ended June 30, 2018:

(Amounts in thousands)	Contract Assets, net (Current)	Contract Assets, net(1)	Contract Liabilities (Current)	Long-term Contract Liabilities(2)
Beginning balance, January 1, 2018	\$219,361	3,990	\$178,515	\$ 3,925
Revenue recognized that was included in contract liabilities at the beginning of the period	_	_	(99,538)	(659)
Increase due to revenue recognized in the period in excess of billings	334,815	405	_	_
Increase due to billings arising during the period in excess of revenue recognized	_	_	107,080	_
Amounts transferred from contract assets to receivables	(279,360)	(2,167)		_
Currency effects and other, net	(17,592)	,	(14,117)	(838)
Ending balance, June 30, 2018	\$257,224	\$ 1,793	\$171,940	\$ 2,428

⁽¹⁾ Included in other assets, net.

3. Dispositions

IPD Asset Divestiture

On June 29, 2018, pursuant to a plan of sale approved by management, we have executed an agreement to divest two IPD locations and associated product lines, including the related assets and liabilities. As of June 30, 2018, the assets

⁽²⁾ Prior periods are presented in accordance with Topic 605.

⁽²⁾ Included in retirement obligations and other liabilities.

and liabilities

Table of Contents

related to this business did not meet the criteria for classification of assets held for sale due to a contingency that may potentially impact the final terms and/or timing of the divestiture. A pre-tax charge of \$17.4 million was recorded in our condensed consolidated statements of income for the period ending June 30, 2018 to write-down related inventory and long-lived assets to their estimated fair value, of which \$7.7 million was recorded in COS and \$9.7 million was recorded in SG&A. Based on the current known facts and circumstances we estimate that an additional pre-tax loss of approximately \$5 million to \$10 million will be recognized upon the closing of the transaction which is currently estimated to be in the third quarter of 2018. The estimated additional pre-tax loss primarily relates to working capital changes and cash to be transferred at the closing date. In 2017, net sales related to the business totaled approximately \$42 million, although the business produced an operating loss in each of the last two fiscal years.

Effective July 6, 2017, we sold our FCD's Vogt product line and related assets and liabilities to a privately held company for \$28.0 million of cash received at closing. The sale resulted in a pre-tax gain of \$11.1 million recorded in gain on sale of business in the condensed consolidated statements of income in the third quarter of 2017. In 2016, net sales related to the Vogt business totaled approximately \$17 million, with earnings before interest and taxes of approximately \$4 million.

Gestra AG

Effective May 2, 2017, we sold our FCD's Gestra AG ("Gestra") business to a leading provider of steam system solutions for \$203.6 million (€178.3 million), which included \$180.8 million (€158.3 million) of cash received at closing (net of divested cash and subsequent working capital adjustments) and \$24.0 million (€20.0 million) of previous escrow amounts collected in the fourth quarter of 2017. The sale resulted in a pre-tax gain of \$130.2 million (\$79.4 million after-tax) recorded in gain on sale of business in the consolidated statements of income in 2017. The sale included Gestra's manufacturing facility in Germany as well as related operations in the U.S., the United Kingdom ("U.K."), Spain, Poland, Italy, Singapore and Portugal. In 2016, Gestra recorded revenues of approximately \$101 million (€92 million) with earnings before interest and taxes of approximately \$17 million (€15 million).

4. Stock-Based Compensation Plans

We maintain the Flowserve Corporation Equity and Incentive Compensation Plan (the "2010 Plan"), which is a shareholder-approved plan authorizing the issuance of up to 8,700,000 shares of our common stock in the form of restricted shares, restricted share units and performance-based units (collectively referred to as "Restricted Shares"), incentive stock options, non-statutory stock options, stock appreciation rights and bonus stock. Of the 8,700,000 shares of common stock authorized under the 2010 Plan, 2,187,671 were available for issuance as of June 30, 2018. In 2016 the long-term incentive program was amended to allow Restricted Shares granted after January 1, 2016 to employees who retire and have achieved at least 55 years of age and 10 years of service to continue to vest over the original vesting period ("55/10 Provision"). As of June 30, 2018, 114,943 stock options were outstanding, with a grant date fair value of \$2.0 million, which is expected to be recognized over a weighted-average period of approximately two years. No stock options were granted during the six months ended June 30, 2018, compared to 114,943 stock options granted for the same period in 2017. No stock options vested during the six months ended June 30, 2018 and 2017.

Restricted Shares – Awards of Restricted Shares are valued at the closing market price of our common stock on the date of grant. The unearned compensation is amortized to compensation expense over the vesting period of the restricted shares, except for awards related to the 55/10 Provision which are expensed in the period granted. We had unearned compensation of \$31.0 million and \$16.7 million at June 30, 2018 and December 31, 2017, respectively, which is expected to be recognized over a weighted-average period of approximately one year. These amounts will be recognized into net earnings in prospective periods as the awards vest. The total fair value of Restricted Shares vested during the three months ended June 30, 2018 and 2017 was \$2.7 million and \$2.3 million, respectively. The total fair value of Restricted Shares vested during the six months ended June 30, 2018 and 2017 was \$33.7 million and \$28.0 million, respectively.

We recorded stock-based compensation expense of \$3.4 million (\$4.4 million pre-tax) and \$2.9 million (\$4.3 million pre-tax) for the three months ended June 30, 2018 and 2017, respectively. We recorded stock-based compensation

expense of \$6.5 million (\$8.4 million pre-tax) and \$10.4 million (\$15.6 million pre-tax) for the six months ended June 30, 2018 and 2017, respectively. Performance-based shares granted in 2015 did not vest due to unachievement of performance targets resulting in 100,033 forfeited shares and a \$5.4 million reduction of stock-based compensation expense for the six months ended June 30, 2018.

Table of Contents

The following table summarizes information regarding Restricted Shares:

Six Months Ended June 30, 2018

Weighted

Average

Shares Grant-Date

Fair Value

Number of unvested shares:

Outstanding - January 1, 2018 1,203,852 \$ 47.10 Granted 754,912 44.63 Vested (298,767) 46.44 Forfeited (218,096) 50.25 Outstanding as of June 30, 2018 1,441,901 \$ 45.47

Unvested Restricted Shares outstanding as of June 30, 2018 included approximately 762,000 units with performance-based vesting provisions. Performance-based units are issuable in common stock and vest upon the achievement of pre-defined performance targets. Performance-based units granted prior to 2017 have performance targets based on our average annual return on net assets over a three-year period as compared with the same measure for a defined peer group for the same period. Performance-based units granted in 2017 and 2018 have performance targets based on our average return on invested capital and our total shareholder return ("TSR") over a three-year period. Most units were granted in three annual grants since January 1, 2016 and have a vesting percentage between 0% and 200% depending on the achievement of the specific performance targets. Except for shares granted under the 55/10 Provision, compensation expense is recognized ratably over a cliff-vesting period of 36 months, based on the fair value of our common stock on the date of grant, as adjusted for actual forfeitures. During the performance period, earned and unearned compensation expense is adjusted based on changes in the expected achievement of the performance targets for all performance-based units granted except for the TSR-based units. Vesting provisions range from 0 to approximately 1,523,000 shares based on performance targets. As of June 30, 2018, we estimate vesting of approximately 610,000 shares based on expected achievement of performance targets.

5. Derivative Instruments and Hedges

Our risk management and foreign currency derivatives and hedging policy specifies the conditions under which we may enter into derivative contracts. See Notes 1 and 7 to our consolidated financial statements included in our 2017 Annual Report and Note 7 of this Quarterly Report for additional information on our derivatives. We enter into foreign exchange forward contracts to hedge our cash flow risks associated with transactions denominated in currencies other than the local currency of the operation engaging in the transaction.

Foreign exchange contracts with third parties had a notional value of \$287.2 million and \$235.6 million at June 30, 2018 and December 31, 2017, respectively. At June 30, 2018, the length of foreign exchange contracts currently in place ranged from 13 days to 27 months.

We are exposed to risk from credit-related losses resulting from nonperformance by counterparties to our financial instruments. We perform credit evaluations of our counterparties under foreign exchange contracts agreements and expect all counterparties to meet their obligations. We have not experienced credit losses from our counterparties. The fair values of foreign exchange contracts are summarized below:

	June 30,	December 31,
(Amounts in thousands)	2018	2017
Current derivative assets	\$ 689	\$ 2,489
Noncurrent derivative assets	9	177
Current derivative liabilities	2,960	284
Noncurrent derivative liabilities	129	56

Current and noncurrent derivative assets are reported in our condensed consolidated balance sheets in prepaid expenses and other and other assets, net, respectively. Current and noncurrent derivative liabilities are reported in our condensed consolidated balance sheets in accrued liabilities and retirement obligations and other liabilities, respectively.

Table of Contents

(Amounts in thousands)

The impact of net changes in the fair values of foreign exchange contracts are summarized below:

Three Months Six Months Ended June 30. Ended June 30. 2018 2017 2018 2017 Loss recognized in income \$(123) \$(2,226) \$(1,227) \$(329)

Gains and losses recognized in our condensed consolidated statements of income for foreign exchange contracts are classified as other expense, net.

In March 2015, we designated €255.7 million of our €500.0 million Euro senior notes discussed in Note 6 as a net investment hedge of our investments in certain of our international subsidiaries that use the Euro as their functional currency. We used the spot method to measure the effectiveness of our net investment hedge. Under this method, for each reporting period, the change in the carrying value of the Euro senior notes due to remeasurement of the effective portion is reported in accumulated other comprehensive loss on our condensed consolidated balance sheet and the remaining change in the carrying value of the ineffective portion, if any, is recognized in other expense, net in our condensed consolidated statement of income. We evaluate the effectiveness of our net investment hedge on a prospective basis at the beginning of each quarter. We did not record any ineffectiveness for the six months ended June 30, 2018 and 2017.

6. Debt Debt, including capital lease obligations, consisted of:

	June 30,	December 31,
(Amounts in thousands, except percentages)	2018	2017
1.25% EUR Senior Notes due March 17, 2022, net of unamortized discount and debt issuance costs of \$4,598 and \$5,335	\$ \$579,552	\$594,465
4.00% USD Senior Notes due November 15, 2023, net of unamortized discount and debt issuance costs of \$2,393 and \$2,590	297,607	297,410
3.50% USD Senior Notes due September 15, 2022, net of unamortized discount and debt issuance costs of \$2,912 and \$3,230	497,088	496,770
Term Loan Facility, interest rate of 3.83% at June 30, 2018 and 3.19% at December 31, 2017, net of debt issuance costs of \$401 and \$585	134,599	164,415
Capital lease obligations and other borrowings	16,024	22,197
Debt and capital lease obligations	1,524,870	1,575,257
Less amounts due within one year	69,923	75,599
Total debt due after one year	\$1,454,947	\$1,499,658
Senior Credit Facility		

As discussed in Note 10 to our consolidated financial statements included in our 2017 Annual Report, our credit agreement provides for an initial \$400.0 million term loan ("Term Loan Facility") and a \$800.0 million revolving credit facility ("Revolving Credit Facility" and, together with the Term Loan Facility, the "Senior Credit Facility") with a maturity date of October 14, 2020. As of June 30, 2018 and December 31, 2017, we had no amounts outstanding under the Revolving Credit Facility. We had outstanding letters of credit of \$76.3 million and \$94.8 million at June 30, 2018 and December 31, 2017, respectively, which together with financial covenant limitations based on the terms of our Senior Credit Facility, contributed to the reduction of our borrowing capacity to \$432.6 million and \$644.8 million, respectively. Our compliance with applicable financial covenants under the Senior Credit Facility is tested quarterly, and we complied with all applicable covenants as of June 30, 2018.

We may prepay loans under our Senior Credit Facility in whole or in part, without premium or penalty, at any time. A commitment fee, which is payable quarterly on the daily unused portions of the Senior Credit Facility, was 0.20% (per annum) during the period ended June 30, 2018. During the six months ended June 30, 2018, we made scheduled

repayments of \$30.0 million under our Term Loan Facility. We have scheduled repayments of \$15.0 million due in each of the next four quarters on our Term Loan Facility.

Table of Contents

7. Fair Value

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Where available, fair value is based on observable market prices or parameters or derived from such prices or parameters. Where observable prices or inputs are not available, valuation models may be applied. Assets and liabilities recorded at fair value in our condensed consolidated balance sheets are categorized by hierarchical levels based upon the level of judgment associated with the inputs used to measure their fair values. Recurring fair value measurements are limited to investments in derivative instruments. The fair value measurements of our derivative instruments are determined using models that maximize the use of the observable market inputs including interest rate curves and both forward and spot prices for currencies, and are classified as Level II under the fair value hierarchy. The fair values of our derivatives are included in Note 5. Our financial instruments are presented at fair value in our condensed consolidated balance sheets, with the exception of our long-term debt. The estimated fair value of our long-term debt, excluding the Senior Notes, approximates the carrying value and is classified as Level II under the fair value hierarchy. The carrying value of our debt is included in Note 6. The estimated fair value of our Senior Notes at June 30, 2018 was \$1,371.4 million compared to the carrying value of \$1,374.2 million. The estimated fair value of the Senior Notes is based on Level I quoted market rates. The carrying amounts of our other financial instruments (e.g., cash and cash equivalents, accounts receivable, net, accounts payable and short-term debt) approximated fair value due to their short-term nature at June 30, 2018 and December 31, 2017.

8. Inventories

Inventories, net consisted of the following:

	June 30,	December
	Julie 30,	31,
(Amounts in thousands)	2018	2017
Raw materials	\$355,700	\$358,827
Work in process	223,925	548,250
Finished goods	177,123	215,849
Less: Progress billings	_	(160,044)
Less: Excess and obsolete reserve	(81,423)	(78,609)
Inventories, net	\$675,325	\$884,273

In the three months ended June 30, 2018, we recorded a \$7.7 million inventory charge related to the potential divestiture of two IPD locations and related product lines, and resulted in a decrease to finished goods. Refer to Note 3 of this Quarterly Report for further discussion.

As a result of our adoption of the New Revenue Standard as of January 1, 2018, progress billings and work in process amounts associated with contracts accounted under the over time method were either recognized as COS or reclassified into contract assets, net or contract liabilities. Refer to Note 2 of this Quarterly Report for a discussion on our adoption of the New Revenue Standard.

Table of Contents

9. Earnings Per Share

The following is a reconciliation of net earnings of Flowserve Corporation and weighted average shares for calculating net earnings per common share. Earnings per weighted average common share outstanding was calculated as follows:

	Three M Ended Ju	ine 30,
(Amounts in thousands, except per share data)	2018	2017
Net earnings of Flowserve Corporation	\$13,220	\$41,878
Dividends on restricted shares not expected to vest	_	
Earnings attributable to common and participating shareholders	\$13,220	\$41,878
Weighted average shares:		
Common stock	130,816	130,646
Participating securities	28	86
Denominator for basic earnings per common share	130,844	130,732
Effect of potentially dilutive securities	382	609
Denominator for diluted earnings per common share	131,226	131,341
Earnings per common share:		
Basic	\$0.10	\$0.32
Diluted	0.10	0.32
	Six Mon	ths
	Six Mon Ended Ju	
(Amounts in thousands, except per share data)		
(Amounts in thousands, except per share data) Net earnings of Flowserve Corporation	Ended Ju 2018	ine 30,
* *	Ended Ju 2018	ine 30, 2017
Net earnings of Flowserve Corporation	Ended Ju 2018 \$28,363	ine 30, 2017
Net earnings of Flowserve Corporation Dividends on restricted shares not expected to vest	Ended Ju 2018 \$28,363	nne 30, 2017 \$60,929
Net earnings of Flowserve Corporation Dividends on restricted shares not expected to vest Earnings attributable to common and participating shareholders	Ended Ju 2018 \$28,363 — \$28,363	nne 30, 2017 \$60,929
Net earnings of Flowserve Corporation Dividends on restricted shares not expected to vest Earnings attributable to common and participating shareholders Weighted average shares:	Ended Ju 2018 \$28,363 — \$28,363	nne 30, 2017 \$60,929 — \$60,929
Net earnings of Flowserve Corporation Dividends on restricted shares not expected to vest Earnings attributable to common and participating shareholders Weighted average shares: Common stock	Ended Ju 2018 \$28,363 — \$28,363 130,765 38	nne 30, 2017 \$60,929 — \$60,929 130,520
Net earnings of Flowserve Corporation Dividends on restricted shares not expected to vest Earnings attributable to common and participating shareholders Weighted average shares: Common stock Participating securities	Ended Ju 2018 \$28,363 — \$28,363 130,765 38	nne 30, 2017 \$60,929 — \$60,929 130,520 127
Net earnings of Flowserve Corporation Dividends on restricted shares not expected to vest Earnings attributable to common and participating shareholders Weighted average shares: Common stock Participating securities Denominator for basic earnings per common share Effect of potentially dilutive securities	Ended Ju 2018 \$28,363 — \$28,363 130,765 38 130,803 358	100 30, 2017 \$60,929 — \$60,929 130,520 127 130,647
Net earnings of Flowserve Corporation Dividends on restricted shares not expected to vest Earnings attributable to common and participating shareholders Weighted average shares: Common stock Participating securities Denominator for basic earnings per common share Effect of potentially dilutive securities Denominator for diluted earnings per common share	Ended Ju 2018 \$28,363 — \$28,363 130,765 38 130,803 358	100 30, 2017 \$60,929
Net earnings of Flowserve Corporation Dividends on restricted shares not expected to vest Earnings attributable to common and participating shareholders Weighted average shares: Common stock Participating securities Denominator for basic earnings per common share Effect of potentially dilutive securities	Ended Ju 2018 \$28,363 — \$28,363 130,765 38 130,803 358	100 30, 2017 \$60,929
Net earnings of Flowserve Corporation Dividends on restricted shares not expected to vest Earnings attributable to common and participating shareholders Weighted average shares: Common stock Participating securities Denominator for basic earnings per common share Effect of potentially dilutive securities Denominator for diluted earnings per common share Earnings per common share:	Ended Ju 2018 \$28,363 — \$28,363 130,765 38 130,803 358 131,161	nne 30, 2017 \$60,929 — \$60,929 130,520 127 130,647 661 131,308

Diluted earnings per share above is based upon the weighted average number of shares as determined for basic earnings per share plus shares potentially issuable in conjunction with stock options and Restricted Shares.

10. Legal Matters and Contingencies

Asbestos-Related Claims

We are a defendant in a substantial number of lawsuits that seek to recover damages for personal injury allegedly caused by exposure to asbestos-containing products manufactured and/or distributed by our heritage companies in the past. While the overall number of asbestos-related claims has generally declined in recent years, there can be no assurance that this trend will continue, or that the average cost per claim will not further increase. Asbestos-containing materials incorporated into any such products were encapsulated and used as internal components of process equipment, and we do not believe that any significant emission of asbestos fibers occurred during the use of this equipment.

Our practice is to vigorously contest and resolve these claims, and we have been successful in resolving a majority of claims with little or no payment. Historically, a high percentage of resolved claims have been covered by applicable insurance or indemnities from other companies, and we believe that a substantial majority of existing claims should continue to be covered by insurance or indemnities. Accordingly, we have recorded a liability for our estimate of the most likely settlement of asserted claims and a related receivable from insurers or other companies for our estimated recovery, to the extent we believe that the

Table of Contents

amounts of recovery are probable and not otherwise in dispute. While unfavorable rulings, judgments or settlement terms regarding these claims could have a material adverse impact on our business, financial condition, results of operations and cash flows, we currently believe the likelihood is remote.

Additionally, we have claims pending against certain insurers that, if resolved more favorably than reflected in the recorded receivables, would result in discrete gains in the applicable quarter. We are currently unable to estimate the impact, if any, of unasserted asbestos-related claims, although future claims would also be subject to then existing indemnities and insurance coverage.

United Nations Oil-for-Food Program

In mid-2006, the French authorities began an investigation of over 170 French companies, of which one of our French subsidiaries was included, concerning suspected inappropriate activities conducted in connection with the United Nations Oil for Food Program. As previously disclosed, the French investigation of our French subsidiary was formally opened in the first quarter of 2010, and our French subsidiary filed a formal response with the French court. In July 2012, the French court ruled against our procedural motions to challenge the constitutionality of the charges and quash the indictment. Hearings occurred on April 1-2, 2015, and the Company presented its defense and closing arguments. On June 18, 2015, the French court issued its ruling dismissing the case against the Company and the other defendants. However, on July 1, 2015, the French prosecutor lodged an appeal and we anticipate that the hearing for the appeal will be held in 2018. We currently do not expect to incur additional case resolution costs of a material amount in this matter. However, if the French authorities ultimately take enforcement action against our French subsidiary regarding its investigation, we may be subject to monetary and non-monetary penalties, which we currently do not believe will have a material adverse financial impact on our company.

Other

We are currently involved as a potentially responsible party at five former public waste disposal sites in various stages of evaluation or remediation. The projected cost of remediation at these sites, as well as our alleged "fair share" allocation, will remain uncertain until all studies have been completed and the parties have either negotiated an amicable resolution or the matter has been judicially resolved. At each site, there are many other parties who have similarly been identified. Many of the other parties identified are financially strong and solvent companies that appear able to pay their share of the remediation costs. Based on our information about the waste disposal practices at these sites and the environmental regulatory process in general, we believe that it is likely that ultimate remediation liability costs for each site will be apportioned among all liable parties, including site owners and waste transporters, according to the volumes and/or toxicity of the wastes shown to have been disposed of at the sites. We believe that our financial exposure for existing disposal sites will not be materially in excess of accrued reserves.

As previously disclosed in our 2017 Annual Report, we terminated an employee of an overseas subsidiary after uncovering actions that violated our Code of Business Conduct and may have violated the Foreign Corrupt Practices Act. We completed our internal investigation into the matter, self-reported the potential violation to the United States Department of Justice (the "DOJ") and the SEC, and continue to cooperate with the DOJ and SEC. We previously received a subpoena from the SEC requesting additional information and documentation related to the matter and have completed our response to the subpoena. We currently believe that this matter will not have a material adverse financial impact on the Company, but there can be no assurance that the Company will not be subjected to monetary penalties and additional costs.

We are also a defendant in a number of other lawsuits, including product liability claims, that are insured, subject to the applicable deductibles, arising in the ordinary course of business, and we are also involved in other uninsured routine litigation incidental to our business. We currently believe none of such litigation, either individually or in the aggregate, is material to our business, operations or overall financial condition. However, litigation is inherently unpredictable, and resolutions or dispositions of claims or lawsuits by settlement or otherwise could have an adverse impact on our financial position, results of operations or cash flows for the reporting period in which any such resolution or disposition occurs.

Although none of the aforementioned potential liabilities can be quantified with absolute certainty except as otherwise indicated above, we have established reserves covering exposures relating to contingencies, to the extent believed to be reasonably estimable and probable based on past experience and available facts. While additional exposures

beyond these reserves could exist, they currently cannot be estimated. We will continue to evaluate and update the reserves as necessary and appropriate.

Table of Contents

11. Retirement and Postretirement Benefits

Components of the net periodic cost for retirement and postretirement benefits for the three months ended June 30, 2018 and 2017 were as follows:

	U.S.		Non-U	J.S.	Doct	etireme	nt
	Define	ed	Define	ed			HIL
	Benef	it	Benef	ït	Medi		
	Plans		Plans		Benefits		
(Amounts in millions)	2018	2017	2018	2017	2018	2017	
Service cost	\$5.1	\$4.9	\$1.8	\$1.7	\$ —	\$ —	
Interest cost	3.9	4.1	2.1	2.2	0.2	0.2	
Expected return on plan assets	(6.4)	(6.0)	(2.1)	(2.1)	—		
Amortization of prior service cost	0.1	0.1			0.1	0.1	
Amortization of unrecognized net loss (gain)	1.4	1.5	0.9	0.8	(0.)	(0.2))
Net periodic cost recognized	\$4.1	\$4.6	\$2.7	\$2.6	\$ —	\$ 0.1	

Components of the net periodic cost for retirement and postretirement benefits for the six months ended June 30, 2018 and 2017 were as follows:

	U.S. Defined Benefit		Non-U Define Benef Plans	ed	Postretirement Medical Benefits	
(Amounts in millions)	2018	2017	2018	2017	2018	2017
Service cost	\$11.1	\$11.1	\$3.6	\$3.4	\$ —	\$ —
Interest cost	7.9	8.4	4.4	4.4	0.4	0.4
Expected return on plan assets	(12.9)	(12.2)	(4.3)	(4.2)	_	
Amortization of prior service cost	0.1	0.1			0.1	0.1
Amortization of unrecognized net loss (gain)	2.8	3.0	1.8	1.7	(0.4)	(0.1)
Net periodic cost recognized	\$9.0	\$10.4	\$5.5	\$5.3	\$0.1	\$ 0.4

Effective January 1, 2018 we adopted ASU No. 2017-07, "Compensation-Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost." Refer to Note 1 included in this Quarterly Report for a discussion on the adoption of the standard.

The components of net periodic cost for retirement and postretirement benefits other than service costs are included in other expense, net in our condensed consolidated statement of income.

12. Shareholders' Equity

Dividends – Generally, our dividend date-of-record is in the last month of the quarter, and the dividend is paid the following month. Any subsequent dividends will be reviewed by our Board of Directors and declared in its discretion dependent on its assessment of our financial situation and business outlook at the applicable time.

Share Repurchase Program – On November 13, 2014, our Board of Directors approved a \$500.0 million share repurchase authorization. Our share repurchase program does not have an expiration date, and we reserve the right to limit or terminate the repurchase program at any time without notice. We had no repurchases of shares of our outstanding common stock for both of the three and six months ended June 30, 2018 and 2017. As of June 30, 2018, we had \$160.7 million of remaining capacity under our current share repurchase program.

13. Income Taxes

On December 22, 2017, the U.S. enacted the Tax Cuts and Jobs Act of 2017 (the "Act"), which significantly changed U.S. tax law. The Act, among other things, lowered the Company's U.S. statutory federal income tax rate from 35% to 21% effective January 1, 2018, while imposing a deemed repatriation tax on deferred foreign income and implementing a modified territorial tax system. While the Act provides for a territorial tax system, beginning in 2018, it provides for two new anti-base erosion provisions, the global intangible low-taxed income ("GILTI") provision and the base-erosion and anti-abuse tax ("BEAT") provision which effectively creates a new minimum tax on certain future foreign earnings.

Table of Contents

The Company included reasonable estimates of the income tax effects in applying the provisions of the Act in accordance with Accounting Standards Codification Topic 740, Income Taxes (ASC Topic 740) and following the guidance in SEC Staff Accounting Bulletin No. 118 ("SAB 118"). As a result, the impacts from the Act may differ, primarily related to deemed repatriated earnings and associated withholding taxes, from these provisional amounts, possibly materially, due to, among other things, additional analysis, changes from interpretations enacted and assumptions the Company has made, additional regulatory guidance that may be issued, and actions the Company may take as a result of the Act. Due to the timing of the Act and the substantial changes it brings, SAB 118 provides registrants a measurement period to report the impact of the new U.S. tax law. The financial reporting impact of the Act is expected to be completed no later than the fourth quarter of 2018. The impacts of these changes were reflected in the 2017 provisional tax expense, as discussed in Note 15 to our consolidated financial statements included in our 2017 Annual Report. The Company has elected to account for the GILTI provision in the period in which it is incurred.

For the three months ended June 30, 2018, we earned \$28.3 million before taxes and provided for income taxes of \$13.5 million resulting in an effective tax rate of 47.8%. For the six months ended June 30, 2018, we earned \$53.4 million before taxes and provided for income taxes of \$22.1 million resulting in an effective tax rate of 41.4%. The effective tax rate varied from the U.S. federal statutory rate for the three and six months ended June 30, 2018 primarily due to the net impact of foreign operations, including losses in certain foreign jurisdictions for which no tax benefit was provided.

For the three months ended June 30, 2017, we earned \$103.1 million before taxes and provided for income taxes of \$60.9 million resulting in an effective tax rate of 59.1%. For the six months ended June 30, 2017, we earned \$127.7 million before taxes and provided for income taxes of \$66.2 million resulting in an effective tax rate of 51.8%. The effective tax rate varied from the U.S. federal statutory rate for the three and six months ended June 30, 2017 primarily due to the net impact of foreign operations, losses in certain foreign jurisdictions for which no tax benefit was provided and taxes related to the sale of the Gestra business.

As of June 30, 2018, the amount of unrecognized tax benefits decreased by \$2.2 million from December 31, 2017. With limited exception, we are no longer subject to U.S. federal income tax audits for years through 2015, state and local income tax audits for years through 2012 or non-U.S. income tax audits for years through 2011. We are currently under examination for various years in Austria, Canada, France, Germany, India, Indonesia, Italy, Japan, Mexico, Saudi Arabia, the U.S. and Venezuela.

It is reasonably possible that within the next 12 months the effective tax rate will be impacted by the resolution of some or all of the matters audited by various taxing authorities. It is also reasonably possible that we will have the statute of limitations close in various taxing jurisdictions within the next 12 months. As such, we estimate we could record a reduction in our tax expense of approximately \$15 million within the next 12 months.

14. Segment Information

The following is a summary of the financial information of the reportable segments reconciled to the amounts reported in the condensed consolidated financial statements:

Three Months Ended June 30, 2018

(Amounts in thousands)	EPD	IPD	FCD	Subtotal–Reportabl Segments	Eliminations e and All Other	Consolidated Total
Sales to external customers	\$471,178	\$196,291	\$305,660	\$ 973,129	\$ —	\$ 973,129
Intersegment sales	9,493	9,433	811	19,737	(19,737)	_
Segment operating income (loss)	51,024	(20,459)	46,422	76,987	(30,276)	46,711
Three Months Ended June 30, 20	17(1)					
(Amounts in thousands)	EPD	IPD	FCD	Subtotal–Reportabl Segments	Eliminations e and All Other	Consolidated Total

Sales to external customers	\$419,439	\$182,953	\$274,671	\$ 877,063	\$ —	\$ 877,063
Intersegment sales	8,272	8,873	732	17,877	(17,877)	
Segment operating income (loss)	9,800	(28,594)	164,446	145,652	(18,774)	126,878

⁽¹⁾ Prior period is presented in accordance with Topic 605.

Table of Contents

Six Months Ended June 30, 2018

	Engineered	Industrial	Flow	Subtotal–Reportabl	Eliminations	Consolidated
(Amounts in thousands)	Product	Product	Control	Subtotal-Reportabl	and All	T-4-1
	Division	Division	Division	Segments	Other	Total
Sales to external customers	\$927,967	\$383,542	\$581,574	\$ 1,893,083	\$ —	\$1,893,083
Intersegment sales	20,396	20,303	2,129	42,828	(42,828)	_
Segment operating income (loss)	90,415	(22,721)	80,311	148,005	(55,868)	92,137
Six Months Ended June 30, 2017	(1)					

Six Months Ended June 30, 2017(1)

(Amounts in thousands)	Engineered Product Division	Industrial Product Division	Flow Control Division	Subtotal–Reportabl Segments	Eliminations e and All Other	Consolidated Total
Sales to external customers	\$836,509	\$352,955	\$553,917	\$ 1,743,381	\$ —	\$1,743,381
Intersegment sales	15,864	17,252	1,923	35,039	(35,039)	
Segment operating income (loss)	55,702	(42,260)	206,259	219,701	(42,155)	177,546

⁽¹⁾ Prior period is presented in accordance with Topic 605.

15. Accumulated Other Comprehensive Loss

The following table presents the changes in accumulated other comprehensive loss ("AOCL"), net of tax for the three months ended June 30, 2018 and 2017:

	2018				2017			
(Amounts in	Foreign currency	Pension and other	Cash flow	Total(1)	Foreign currency	Pension and other	Cash flow	Total(1)
thousands)	translation items(1)	post-retirement effects	nhedging activity	Total(1)	translation items(1)	post-retirem effects	enhedging activity	Total(1)
Balance - April 1 Other	\$(365,330)	\$ (116,065)	\$(1,062)	\$(482,457)	\$(449,823)	\$ (136,046) \$(1,135)	\$(587,004)
comprehensive (loss) income	(60,997)	3,788	97	(57,112)	33,765	(2,661) (19)	31,085
before reclassifications Amounts								
reclassified from AOCL	_	2,029	_	2,029	552	1,519	_	2,071
Net current-period other	(60,997)	5,817	97	(55,083)	34,317	(1,142) (19)	33,156
comprehensive (loss) income	,	,		,	ŕ	,	, , ,	ŕ
Balance - June 30	\$(426,327)	\$(110,248)	\$(965)	\$(537,540)	\$(415,506)	\$ (137,188) \$(1,154)	\$(553,848)

⁽¹⁾ Includes foreign currency translation adjustments attributable to noncontrolling interests of \$3.9 million for April 1, 2018 and 2017, and \$4.7 million and \$3.9 million at June 30, 2018 and 2017, respectively. Includes net investment hedge gains of \$12.5 million and losses of \$12.5 million, net of deferred taxes, for the three months ended June 30, 2018 and 2017, respectively. Amounts in parentheses indicate debits.

Table of Contents

The following table presents the reclassifications out of AOCL:

		Three Mo Ended Jui	
(Amounts in thousands)	Affected line item in the statement of income	2018(1)	2017(1)
Foreign currency translation items			
Release of cumulative translation adjustments due			
to	Gain on sale of business	\$ —	\$(552)
sale of business			
	Tax benefit		_
	Net of tax	\$ —	\$(552)
Pension and other postretirement effects			
Amortization of actuarial losses(2)	Other expense, net	\$(1,975)	\$(2,204)
Prior service costs(2)	Other expense, net	(78)	(57)
	Tax benefit	24	742
	Net of tax	\$(2,029)	\$(1,519)

⁽¹⁾ Amounts in parentheses indicate decreases to income. None of the reclass amounts have a noncontrolling interest component.

The following table presents the changes in AOCL, net of tax for the six months ended June 30, 2018 and 2017:

	2018				2017			
	Foreign	Pension and	Cash		Foreign	Pension and		
(Amounts in	currency	other	flow	Total(1)	currency	other	flow	Total(1)
thousands)	translation items(1)	post-retireme effects	enhedging activity	. ,	translation items(1)	post-retirem effects	0 0	, ,
Balance - January 1	` '		•	\$(501.624)	* *		activity	\$(621.377)
Other	. Ψ(30π,117)	ψ(115,755)	, ψ(1,000)	Ψ(301,02+)	Ψ(που,οου)	ψ (130,330) Ψ(1,230)	Ψ(021,377)
comprehensive								
(loss) income	(41,548)	1,765	125	(39,658)	67,551	(3,814) 61	63,798
before								
reclassifications								
Amounts		2 = 42		2 = 12	~~~	2.176	•	0.704
reclassified from	_	3,742	_	3,742	552	3,156	23	3,731
AOCL Net current-period								
other								
comprehensive	(41,548)	5,507	125	(35,916)	68,103	(658) 84	67,529
(loss) income								
Balance - June 30	\$(426,327)	\$ (110,248	\$(965)	\$(537,540)	\$(415,506)	\$ (137,188) \$(1,154)	\$(553,848)

⁽¹⁾ Includes foreign currency translation adjustments attributable to noncontrolling interests of \$3.8 million and \$3.4 million at January 1, 2018 and 2017, respectively, and \$4.7 million and \$3.9 million at June 30, 2018 and 2017, respectively. Includes net investment hedge losses of \$21.3 million and \$13.3 million, net of deferred taxes, for the six months ended June 30, 2018 and 2017, respectively. Amounts in parentheses indicate debits.

⁽²⁾ These accumulated other comprehensive loss components are included in the computation of net periodic pension cost. See Note 11 for additional details.

Table of Contents

The following table presents the reclassifications out of AOCL:

		Six Mont June 30,	ths Ended
(Amounts in thousands)	Affected line item in the statement of income	2018(1)	2017(1)
Foreign currency translation items			
Foreign currency translation items Release of cumulative translation adjustments due to sal of business(2)	Gain on sale of business	\$—	\$(552)
	Tax benefit	_	_
	Net of tax	\$ —	\$(552)
Pension and other postretirement effects			
Amortization of actuarial losses(2)	Other expense, net	\$(4,170)	\$(4,601)
Prior service costs(2)	Other expense, net	(159)	(115)
	Tax benefit	587	1,560
	Net of tax	\$(3,742)	\$(3,156)

⁽¹⁾ Amounts in parentheses indicate decreases to income. None of the reclass amounts have a noncontrolling interest component.

16. Realignment Programs

In the first quarter of 2015, we initiated a realignment program ("R1 Realignment Program") to reduce and optimize certain non-strategic QRCs and manufacturing facilities. In the second quarter of 2015, we initiated a second realignment program ("R2 Realignment Program") to better align costs and improve long-term efficiency, including further manufacturing optimization through the consolidation of facilities, a reduction in our workforce, the transfer of activities from high-cost regions to lower-cost facilities and the divestiture of certain non-strategic assets.

The R1 Realignment Program and the R2 Realignment Program (collectively the "Realignment Programs") consist of both restructuring and non-restructuring charges. Restructuring charges represent costs associated with the relocation or reorganization of certain business activities and facility closures and include related severance costs.

Non-restructuring charges are primarily employee severance associated with workforce reductions to reduce redundancies. Expenses are primarily reported in COS or SG&A, as applicable, in our condensed consolidated statements of income. We anticipate a total investment in these programs of approximately \$360 million, including projects in process or under final evaluation. We anticipate to incur the remaining charges throughout the remainder of 2018.

⁽²⁾ These accumulated other comprehensive loss components are included in the computation of net periodic pension cost. See Note 11 for additional details.

Table of Contents

26

Generally, the aforementioned charges will be paid in cash, except for asset write-downs, which are non-cash charges. The following is a summary of total charges, net of adjustments, related to the Realignment Programs:

Three Months Ended June 30, 2018

	Three M	onths En	ded Jun	e 30, 2018			
(Amounts in thousands)	EPD	IPD	FCD	Subtotal–Reportabl Segments	Eliminations e and All Other	Consolidated Total	l
Restructuring Charges							
COS	\$4,492	\$1,335	\$706	\$ 6,533	\$ —	\$ 6,533	
SG&A	328	836	116	1,280	28	1,308	
	\$4,820	\$2,171	\$822	\$ 7,813	\$ 28	\$ 7,841	
Non-Restructuring Charges	3						
COS	\$7,276	\$2,000	\$420	\$ 9,696	\$ —	\$ 9,696	
SG&A	1,389	305	524	2,218	986	3,204	
	\$8,665	\$2,305	\$944	\$ 11,914	\$ 986	\$ 12,900	
Total Realignment Charges	;						
COS	\$11,768	\$3,335	\$1,126	\$ 16,229	\$ —	\$ 16,229	
SG&A	1,717	1,141	640	3,498	1,014	\$ 4,512	
Total	\$13,485	\$4,476	\$1,766	\$ 19,727	\$ 1,014	\$ 20,741	
	Three M	onths En	ded Jun	e 30, 2017			
(Amounts in thousands)	Three M EPD	onths En IPD	ded Jun FCD	e 30, 2017 Subtotal–Reporta Segments	Eliminatio able and All Other	^{ns} Consolidat Total	ted
(Amounts in thousands) Restructuring Charges				Subtotal-Reporta	and All	Consolidat	ted
,				Subtotal–Reporta Segments	and All	Consolidat	ted
Restructuring Charges	EPD	IPD	FCD \$1,211	Subtotal–Reporta Segments	and All Other	Total	ted)
Restructuring Charges COS	EPD \$2,866	IPD \$1,321	FCD \$1,211	Subtotal–Reporta Segments	and All Other	Total \$ 5,398	
Restructuring Charges COS	EPD \$2,866 587 \$3,453	IPD \$1,321 97	FCD \$1,211 (778	Subtotal–Reporta Segments 1 \$ 5,398) (94	and All Other \$ —) 64	Total \$ 5,398 (30	
Restructuring Charges COS SG&A	EPD \$2,866 587 \$3,453	IPD \$1,321 97	FCD \$1,211 (778	Subtotal–Reporta Segments 1 \$ 5,398) (94 \$ 5,304	and All Other \$ —) 64	Total \$ 5,398 (30	
Restructuring Charges COS SG&A Non-Restructuring Charges	\$2,866 587 \$3,453	IPD \$1,321 97 \$1,418	\$1,211 (778 \$433	Subtotal–Reporta Segments 1 \$ 5,398 1 (94 2 5,304	and All Other \$ —) 64 \$ 64	* 5,398 (30 * 5,368	
Restructuring Charges COS SG&A Non-Restructuring Charges COS	\$2,866 587 \$3,453	\$1,321 97 \$1,418 \$2,377 6,768	\$1,211 (778 \$433 \$2,268	Subtotal–Reporta Segments 1 \$ 5,398) (94 \$ 5,304 8 \$ 8,716 16,230	* All Other \$ —) 64 \$ 64 \$ —	* 5,398 (30 * 5,368 * 8,716	
Restructuring Charges COS SG&A Non-Restructuring Charges COS	\$2,866 587 \$3,453 \$4,071 6,710 \$10,781	\$1,321 97 \$1,418 \$2,377 6,768	\$1,211 (778 \$433 \$2,268 2,752	Subtotal–Reporta Segments 1 \$ 5,398) (94 \$ 5,304 8 \$ 8,716 16,230	\$ — 1,391	\$ 5,398 (30 \$ 5,368 \$ 8,716 17,621	
Restructuring Charges COS SG&A Non-Restructuring Charges COS SG&A	\$2,866 587 \$3,453 \$4,071 6,710 \$10,781	\$1,321 97 \$1,418 \$2,377 6,768	\$1,211 (778 \$433 \$2,268 2,752 \$5,020	Subtotal–Reporta Segments 1 \$ 5,398) (94 \$ 5,304 8 \$ 8,716 16,230) \$ 24,946	\$ — 1,391	\$ 5,398 (30 \$ 5,368 \$ 8,716 17,621	
Restructuring Charges COS SG&A Non-Restructuring Charges COS SG&A Total Realignment Charges	\$2,866 587 \$3,453 \$4,071 6,710 \$10,781	\$1,321 97 \$1,418 \$2,377 6,768 \$9,145	\$1,211 (778 \$433 \$2,268 2,752 \$5,020	Subtotal–Reporta Segments 1 \$ 5,398) (94 \$ 5,304 8 \$ 8,716 16,230) \$ 24,946 9 \$ 14,114	\$ — \$ 64 \$ 64 \$ 1,391	\$ 5,398 (30 \$ 5,368 \$ 8,716 17,621 \$ 26,337 \$ 14,114 \$ 17,591	
Restructuring Charges COS SG&A Non-Restructuring Charges COS SG&A Total Realignment Charges COS	\$2,866 587 \$3,453 \$4,071 6,710 \$10,781	\$1,321 97 \$1,418 \$2,377 6,768 \$9,145 \$3,698 6,865	\$1,211 (778 \$433 \$2,268 2,752 \$5,020 \$3,479 1,974	Subtotal–Reporta Segments 1 \$ 5,398) (94 \$ 5,304 8 \$ 8,716 16,230 0 \$ 24,946 9 \$ 14,114 16,136	\$ — 1,391 \$ — \$ — \$ — \$ 64 \$ 64	\$ 5,398 (30 \$ 5,368 \$ 8,716 17,621 \$ 26,337 \$ 14,114	

Table of Contents

		ths Ended	-	018	8			
(Amounts in thousands)	Product	dd dustrial Product Division	Control	Su Se	ubtotal–Reportabl egments	Eliminations e and All Other	Consolidate Total	ed
Restructuring Charges								
COS	\$5,437	\$ 1,608	\$ 2,452	\$	9,497	\$ —	\$ 9,497	
SG&A	419	703	345	1,4	467	28	1,495	
	\$5,856	\$ 2,311	\$ 2,797	\$	10,964	\$ 28	\$ 10,992	
Non-Restructuring Charges								
COS	\$11,135	\$ 2,170	\$ 583	\$	13,888	\$ —	\$ 13,888	
SG&A	3,491	1,105	722	5,3	318	2,017	7,335	
	\$14,626	\$ 3,275	\$ 1,305	\$	19,206	\$ 2,017	\$ 21,223	
Total Realignment Charges								
COS	\$16,572	\$ 3,778	\$ 3,035	\$	23,385	\$ —	\$ 23,385	
SG&A	*	1,808	1,067		785	2,045	8,830	
Total	\$20,482	\$ 5,586	\$ 4,102	\$	30,170	\$ 2,045	\$ 32,215	
(Amounts in thousands)	Engineer	ths Ended e d ndustria Product	1 Flow	S	Subtotal–Reportab	Elimination	Consolidat	ted
(Amounts in thousands)	Engineer Product	e d ndustria Product	l Flow Control	S		and All	S Consolidat Total	ted
	Engineer Product	e d ndustria	l Flow Control	S	Subtotal–Reportab	NA A	Consolidat	ted
(Amounts in thousands) Restructuring Charges COS	Engineer Product	e d ndustria Product Division	l Flow Control Division	S S	Subtotal–Reportab	and All	Consolidat	ted
Restructuring Charges	Engineer Product Division \$192	e d ndustria Product	l Flow Control Division \$1,179	S S	Subtotal–Reportab Segments	and All Other	Total	ted)
Restructuring Charges COS	Engineer Product Division \$192 (195	edndustria Product Division \$6,093	l Flow Control Division \$1,179	\$ \$ \$) (0	Subtotal–Reportablegments 7,464	and All Other	Total \$ 7,464	
Restructuring Charges COS	Engineer Product Division \$192 (195 \$(3)	edindustria Product Division \$6,093	1 Flow Control Division \$ 1,179 (653	\$ \$ \$) (0	Subtotal–Reportable Segments 7,464 662	and All Other \$ — 75	Total \$ 7,464 (587	
Restructuring Charges COS SG&A	Engineer Product Division \$192 (195 \$(3)	edindustria Product Division \$6,093	1 Flow Control Division \$ 1,179 (653	\$ \$ \$ (0 \$	Subtotal–Reportable Segments 7,464 662	and All Other \$ — 75	Total \$ 7,464 (587	
Restructuring Charges COS SG&A Non-Restructuring Charges	Engineer Product Division \$192 (195) \$(3)	edindustria Product Division \$6,093 186 \$6,279	1 Flow Control Division \$ 1,179 (653 \$ 526	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Subtotal–Reportable Segments 7,464 662 6,6802	other \$ — 75 \$ 75	* 7,464 (587 * 6,877	
Restructuring Charges COS SG&A Non-Restructuring Charges COS	Engineer Product Division \$192 (195 \$(3) \$5,172	edindustria Product Division \$6,093 186 \$6,279 \$3,816	1 Flow Control Division \$ 1,179 (653 \$ 526 \$ 2,701 3,300	S S S S S S S S S S S S S S S S S S S	Subtotal—Reportable Segments 5 7,464 662) 6 6,802	ole and All Other \$ — 75 \$ 75 \$ —	* 7,464 (587 * 6,877 * 11,689	
Restructuring Charges COS SG&A Non-Restructuring Charges COS	Engineer Product Division \$192 (195) \$(3) \$5,172 7,424 \$12,596	edindustria Product Division \$6,093 186 \$6,279 \$3,816 10,374	1 Flow Control Division \$ 1,179 (653 \$ 526 \$ 2,701 3,300	S S S S S S S S S S S S S S S S S S S	Subtotal–Reportable Segments 5 7,464 662) 6 6,802 6 11,689 1,098	other \$ — 75 \$ 75 \$ — 2,555	\$ 7,464 (587 \$ 6,877 \$ 11,689 23,653	
Restructuring Charges COS SG&A Non-Restructuring Charges COS SG&A	Engineer Product Division \$192 (195) \$(3) \$5,172 7,424 \$12,596	edindustria Product Division \$6,093 186 \$6,279 \$3,816 10,374	1 Flow Control Division \$ 1,179 (653 \$ 526 \$ 2,701 3,300 \$ 6,001 \$ 3,880	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Subtotal–Reportable Segments 6. 7,464 662) 6. 6,802 6. 11,689 6. 1,098 6. 32,787 6. 19,153	other \$ — 75 \$ 75 \$ — 2,555	\$ 7,464 (587 \$ 6,877 \$ 11,689 23,653 \$ 35,342 \$ 19,153	
Restructuring Charges COS SG&A Non-Restructuring Charges COS SG&A Total Realignment Charges	Engineer Product Division \$192 (195 \$(3) \$5,172 7,424 \$12,596 \$5,364 7,229	edindustria Product Division \$6,093 186 \$6,279 \$3,816 10,374 \$14,190 \$9,909 10,560	1 Flow Control Division \$ 1,179 (653 \$ 526 \$ 2,701 3,300 \$ 6,001 \$ 3,880 2,647	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Subtotal–Reportable Segments 6 7,464 662) 6 6,802 6 11,689 6 1,098 6 32,787 6 19,153 60,436	see and All Other \$ — 75 \$ 75 \$ - 2,555 \$ - 2,630	\$ 7,464 (587 \$ 6,877 \$ 11,689 23,653 \$ 35,342 \$ 19,153 23,066	
Restructuring Charges COS SG&A Non-Restructuring Charges COS SG&A Total Realignment Charges COS	Engineer Product Division \$192 (195 \$(3) \$5,172 7,424 \$12,596	edindustria Product Division \$6,093 186 \$6,279 \$3,816 10,374 \$14,190 \$9,909	1 Flow Control Division \$ 1,179 (653 \$ 526 \$ 2,701 3,300 \$ 6,001 \$ 3,880 2,647	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Subtotal–Reportable Segments 6. 7,464 662) 6. 6,802 6. 11,689 6. 1,098 6. 32,787 6. 19,153	\$ — 75 \$ 75 \$ — 2,555 \$ —	\$ 7,464 (587 \$ 6,877 \$ 11,689 23,653 \$ 35,342 \$ 19,153	

Table of Contents

The following is a summary of total inception to date charges, net of adjustments, related to the Realignment Programs:

	Inception	to Date				
(Amounts in thousands)	EPD	IPD (1)	FCD	Subtotal–Reportabl Segments	Eliminations eand All Other	Consolidated Total
Restructuring Charges						
COS	\$48,249	\$49,433	\$25,107	\$ 122,789	\$ —	\$ 122,789
SG&A	18,759	17,420	9,442	45,621	307	45,928
Income tax expense(2)	10,400	9,300	1,800	21,500		21,500
	\$77,408	\$76,153	\$36,349	\$ 189,910	\$ 307	\$ 190,217
Non-Restructuring Charges	3					
COS	\$37,558	\$23,159	\$15,450	\$ 76,167	\$ 8	\$ 76,175
SG&A	20,337	19,506	8,886	48,729	11,939	60,668
	\$57,895	\$42,665	\$24,336	\$ 124,896	\$ 11,947	\$ 136,843
Total Realignment Charges	;					
COS	\$85,807	\$72,592	\$40,557	\$ 198,956	\$ 8	\$ 198,964
SG&A	39,096	36,926	18,328	94,350	12,246	106,596
Income tax expense(2)	10,400	9,300	1,800	21,500	_	21,500
Total	\$135,303	\$118,818	\$60,685	\$ 314,806	\$ 12,254	\$ 327,060

⁽¹⁾ Includes \$47.7 million of restructuring charges, primarily COS, related to the R1 Realignment Program.

Restructuring charges represent costs associated with the relocation or reorganization of certain business activities and facility closures and include costs related to employee severance at closed facilities, contract termination costs, asset write-downs and other costs. Severance costs primarily include costs associated with involuntary termination benefits. Contract termination costs include costs related to termination of operating leases or other contract termination costs. Asset write-downs include accelerated depreciation of fixed assets, accelerated amortization of intangible assets, divestiture of certain non-strategic assets and inventory write-downs. Other costs generally include costs related to employee relocation, asset relocation, vacant facility costs (i.e., taxes and insurance) and other charges. The following is a summary of restructuring charges, net of adjustments, for the Realignment Programs:

Three Months Ended June 30, 2018

(Amounts in thousands)	Severar	Con ice Teri	tract nination	As W	set rite-Downs	Other	Total
COS	\$2,248				2,968	\$1,317	\$6,533
SG&A	1,484			—		(176	1,308
Total	\$3,732	\$	_	-\$	2,968	\$1,141	\$7,841
	Three N	/Iont	hs Ended	Jun	ne 30, 2017		
(Amounts in thousands)	Severar	Con ice Teri	tract nination	As W	sset rite-Downs	Other	Total
COS	\$(462)		88		198	\$5,574	\$5,398
SG&A	(498)			(16	51)	629	(30)
Total	\$(960)	\$	88	\$	37	\$6,203	\$5,368

⁽²⁾ Income tax expense includes exit taxes as well as non-deductible costs.

Table of Contents

Six N	Ionths	Ended	June	30,	2018
-------	---------------	-------	------	-----	------

(Amounts in thousands)	Severar	Contract Termination	Asset Write-Downs	Other	Total
COS	\$3,354	\$ —	-\$ 3,449	\$2,694	\$9,497
SG&A	1,293	_	_	202	1,495
Total	\$4,647	\$ —	-\$ 3,449	\$2,896	\$10,992
(Amounts in thousands)		nths Ended Ju Contract ace Termination	,	Other	Total

COS	\$(4,220) \$ 226	\$ 5,151	\$6,307 \$7,464
SG&A	(1,817) —	191	1,039 (587)
Total	\$(6,037) \$ 226	\$ 5,342	\$7,346 \$6,877

The following is a summary of total inception to date restructuring charges, net of adjustments, related to the Realignment Programs:

	inception					
(Amounts in thousands)	Severance	Co Te	ntract rmination	Asset Write-Downs	Other	Total
COS(1)	\$85,539	\$	902	\$ 18,766	\$17,582	\$122,789
SG&A	31,163	43		1,677	13,045	45,928
Income tax expense(2)	_	—			21,500	21,500
Total	\$116,702	\$	945	\$ 20,443	\$52,127	\$190,217

⁽¹⁾ Includes \$47.7 million of restructuring charges, primarily COS, related to the R1 Realignment Program.

The following represents the activity, primarily severance, related to the restructuring reserve for the Realignment Programs for the six months ended June 30, 2018 and 2017:

2018 2017	
R1 R2 R1 R2	
(Amounts in thousands) Realignment Total Realignment Total	
Program Program Program Program	
Balance at December 31 \$2,005 \$ 37,225 \$39,230 \$12,594 \$ 47,733 \$60,32	27
Charges, net of adjustments (363) 7,907 7,544 (38) 1,572 1,534	
Cash expenditures (106) (9,063) (9,169) (570) (16,949) (17,51	9)
Other non-cash adjustments, including currency (318) (2,060) (2,378) (30) (5,319) (5,349)
Balance at June 30 \$1,218 \$ 34,009 \$35,227 \$11,956 \$ 27,037 \$38,99) 3

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.

The following discussion and analysis of our financial condition and results of operations should be read in conjunction with our condensed consolidated financial statements and notes thereto, and the other financial data included elsewhere in this Quarterly Report. The following discussion should also be read in conjunction with our audited consolidated financial statements, and notes thereto, and "Management's Discussion and Analysis of Financial Condition and Results of Operations" ("MD&A") included in our 2017 Annual Report.

⁽²⁾ Income tax expense includes exit taxes as well as non-deductible costs.

Table of Contents

EXECUTIVE OVERVIEW

Our Company

We believe that we are a world-leading manufacturer and aftermarket service provider of comprehensive flow control systems. We develop and manufacture precision-engineered flow control equipment integral to the movement, control and protection of the flow of materials in our customers' critical processes. Our product portfolio of pumps, valves, seals, automation and aftermarket services supports global infrastructure industries, including oil and gas, chemical, power generation and water management, as well as general industrial markets where our products and services add value. Through our manufacturing platform and global network of Quick Response Centers ("QRCs"), we offer a broad array of aftermarket equipment services, such as installation, advanced diagnostics, repair and retrofitting. We currently employ approximately 16,000 employees in more than 50 countries.

Our business model is significantly influenced by the capital spending of global infrastructure industries for the placement of new products into service and aftermarket services for existing operations. The worldwide installed base of our products is an important source of aftermarket revenue, where products are expected to ensure the maximum operating time of many key industrial processes. Over the past several years, we have significantly invested in our aftermarket strategy to provide local support to drive customer investments in our offerings and use of our services to replace or repair installed products. The aftermarket portion of our business also helps provide business stability during various economic periods. The aftermarket business, which is primarily served by our network of 172 QRCs located around the globe, provides a variety of service offerings for our customers including spare parts, service solutions, product life cycle solutions and other value-added services. It is generally a higher margin business compared to our original equipment business and a key component of our business strategy.

Our operations are conducted through three business segments that are referenced throughout this MD&A: EPD for long lead time, custom and other highly-engineered pumps and pump systems, mechanical seals, auxiliary systems and replacement parts and related services;

¶PD for engineered and pre-configured industrial pumps and pump systems and related products and services; and ¶PCD for engineered and industrial valves, control valves, actuators and controls and related services.

Our business segments share a focus on industrial flow control technology and have a high number of common customers. These segments also have complementary product offerings and technologies that are often combined in applications that provide us a net competitive advantage. Our segments also benefit from our global footprint and our economies of scale in reducing administrative and overhead costs to serve customers more cost effectively. For example, our segments share leadership for operational support functions, such as research and development, marketing and supply chain.

The reputation of our product portfolio is built on more than 50 well-respected brand names such as Worthington, IDP, Valtek, Limitorque, Durco, Edward, Anchor/Darling, SIHI, Halberg and Durametallic, which we believe to be one of the most comprehensive in the industry. Our products and services are sold either directly or through designated channels to more than 10,000 companies, including some of the world's leading engineering, procurement and construction ("EPC") firms, original equipment manufacturers, distributors and end users.

We continue to leverage our QRC network to be positioned as near to customers as possible for service and support in order to capture valuable aftermarket business. Along with ensuring that we have the local capability to sell, install and service our equipment in remote regions, it is equally imperative to continuously improve our global operations. We continue to expand our global supply chain capability to meet global customer demands and ensure the quality and timely delivery of our products. Additionally, we continue to devote resources to improving the supply chain processes across our business segments to find areas of synergy and cost reduction and to improve our supply chain management capability to ensure it can meet global customer demands. We also remain focused on improving on-time delivery and quality, while managing warranty costs as a percentage of sales across our global operations, through the assistance of a focused Continuous Improvement Process ("CIP") initiative. The goal of the CIP initiative, which includes lean manufacturing, six sigma business management strategy and value engineering, is to maximize service fulfillment to customers through on-time delivery, reduced cycle time and quality at the highest internal productivity. During the first six months of 2018, our financial results continued to be challenged by cautious customer capital investment, primarily in the oil and gas industry and pricing pressures. With continued stability in oil prices, at

improved levels beginning in the second half of 2017, we anticipate that customers will increase maintenance and short cycle investment during 2018.

In the second quarter of 2018 we formally launched and committed resources to our Flowserve 2.0 Transformation, a program designed to transform our business model to drive operational excellence, reduce complexity, accelerate growth and better leverage our global platform.

Table of Contents

RESULTS OF OPERATIONS — Three and six months ended June 30, 2018 and 2017

Effective January 1, 2018, we adopted ASU No. 2014-09, "Revenue from Contracts with Customers (Topic 606)" and all related ASUs ("New Revenue Standard"), using the modified retrospective method for transition. For a discussion related to our adoption of the New Revenue Standard requirements refer to Notes 1 and 2 to our condensed consolidated financial statements included in this Quarterly Report.

Throughout this discussion of our results of operations, we discuss the impact of fluctuations in foreign currency exchange rates. We have calculated currency effects on operations by translating current year results on a monthly basis at prior year exchange rates for the same periods.

In 2015, we initiated Realignment Programs that consist of both restructuring and non-restructuring charges that are further discussed in Note 16 to our condensed consolidated financial statements included in this Quarterly Report. The Realignment Programs will continue throughout 2018 and the total charges for Realignment Programs by segment are detailed below for the three months ended June 30, 2018 and 2017:

Three Months Ended June 30, 2018

(Amounts in thousands)	EPD	IPD	FCD	Subtotal–Reportabl Segments	Eliminations e and All Other	Consolidated Total
Total Realignment Program Charges						
COS	\$11,768	\$3,335	\$1,126	\$ 16,229	\$ —	\$ 16,229
SG&A	1,717	1,141	640	3,498	1,014	4,512
Total	\$13,485	\$4,476	\$1,766	\$ 19,727	\$ 1,014	\$ 20,741
	Three M	onths En	ded Jun	e 30, 2017		
(Amounts in thousands)	EPD	IPD	FCD	Subtotal–Reportal Segments	Elimination ole and All Other	S Consolidated Total
Total Realignment Program Charges						
COS	\$6,937	\$3,698	\$3,479	9 \$ 14,114	\$ —	\$ 14,114
SG&A	7,297	6,865	1,974	16,136	1,455	17,591
Total	\$14,234	\$10,563	\$5,453	3 \$ 30,250	\$ 1,455	\$ 31,705

Table of Contents

The total charges for Realignment Programs by segment are detailed below for the six months ended June 30, 2018 and 2017:

(Amounts in thousands)	Engineer Product Division	ths Ended Addustrial Product Division	Flow	018 Subtotal–Reportabl Segments	Eliminations e and All Other	Consolidated Total
Total Realignment Program Charges						
COS	\$16,572	\$ 3,778	\$ 3,035	\$ 23,385	\$ —	\$ 23,385
SG&A	3,910	1,808	1,067	6,785	2,045	8,830
Total	\$20,482	\$ 5,586	\$ 4,102	\$ 30,170	\$ 2,045	\$ 32,215
	Six Mon	ths Ended	June 30, 2	017		
(Amounts in thousands)	Product	ddustrial Product Division		Subtotal–Reportabl Segments	Eliminations e and All Other	Consolidated Total
Total Realignment Program Charges						
COS	\$5,364	\$9,909	\$ 3,880	\$ 19,153	\$ —	\$ 19,153
SG&A	7,229	10,560	2,647	20,436	2,630	23,066
Total	\$12,593	\$ 20,469	\$ 6,527	\$ 39,589	\$ 2,630	\$ 42,219

We anticipate a total investment in these Realignment Programs of approximately \$360 million, including projects in process or under final evaluation. Since inception of the Realignment Programs in 2015, we have incurred charges of \$327.1 million and we expect to incur the remaining charges throughout the remainder of 2018.

Based on actions under our Realignment Programs, we estimate that we have achieved cost savings of approximately \$123 million for the six months ended June 30, 2018, as compared with \$93 million in the same period of 2017.

Approximately \$78 million of those savings are in COS with the remainder in SG&A. Upon completion of the Realignment Programs, we expect run-rate cost savings of approximately \$230 million, of which the vast majority is anticipated to be achieved in 2018, and an approximate 20% reduction in our global workforce, relative to early 2015 workforce levels. Actual savings could vary from expected savings, which represent management's estimate to date. Consolidated Results

Bookings, Sales and Backlog

Three Months Ended June 30, (Amounts in millions) 2018 2017 **Bookings** \$1,037.3 \$971.3 Sales 973.1 877.1 Six Months Ended June 30. (Amounts in millions) 2018 2017 **Bookings** \$1,965.8 \$1,928.1 Sales 1,893.1 1,743.4

Table of Contents

We define a booking as the receipt of a customer order that contractually engages us to perform activities on behalf of our customer with regard to manufacturing, service or support. Bookings recorded and subsequently canceled within the year-to-date period are excluded from year-to-date bookings. Bookings for the three months ended June 30, 2018 increased by \$66.0 million, or 6.8%, as compared with the same period in 2017. The increase included currency benefits of approximately \$17 million. The increase was driven by increases in the oil and gas, general and chemical industries, partially offset by decreased bookings in the power generation industry. The increase was primarily due to customer aftermarket bookings. The three months ended June 30, 2017 included bookings of approximately \$11 million related to FCD's businesses that were divested in the second and third quarter of 2017. Bookings for the six months ended June 30, 2018 increased by \$37.7 million, or 2.0%, as compared with the same period in 2017, which included 2017 bookings for an order of approximately \$80 million to provide pumps and related equipment for the Hengli Integrated Refining Complex Project in China which did not recur. The increase included currency benefits of approximately \$66 million. The increase was primarily driven by the general and chemical industries, partially offset by decreased bookings in the oil and gas and water industries. The increase was due to customer aftermarket bookings. The six months ended June 30, 2017 included bookings of approximately \$39 million related to FCD's businesses that were divested in the second and third quarter of 2017. Sales for the three months ended June 30, 2018 increased by \$96.0 million, or 10.9%, as compared with the same period in 2017. The increase included currency benefits of approximately \$17 million. The increase was more heavily-weighted to aftermarket sales with increased sales into North America, Asia Pacific, Africa, Latin America and the Middle East, partially offset by decreased sales in Europe. The impact of the adoption of the New Revenue Standard increased sales by approximately \$11 million for the three months ended June 30, 2018. The three months ended June 30, 2017 included sales of approximately \$10 million related to FCD's businesses that were divested in the second and third quarter of 2017. Net sales to international customers, including export sales from the U.S., were approximately 64% and 63% of total sales for the three months ended June 30, 2018 and 2017, respectively. Sales for the six months ended June 30, 2018 increased by \$149.7 million, or 8.6%, as compared with the same period in 2017. The increase included currency benefits of approximately \$66 million. The increase was more heavily-weighted to aftermarket sales with increased sales into North America, Asia Pacific and Africa, partially offset by decreased sales in the Middle East and Europe. The impact of the adoption of the New Revenue Standard increased sales by approximately \$81 million for the six months ended June 30, 2018. The six months ended June 30, 2017 included sales of approximately \$36 million related to FCD's businesses that were divested in the second quarter of 2017. Net sales to international customers, including export sales from the U.S., were approximately 63% of total

Backlog represents the aggregate value of booked but uncompleted customer orders and is influenced primarily by bookings, sales, cancellations and currency effects. Backlog of \$1,829.2 million at June 30, 2018 decreased by \$204.2 million, or 10.0%, as compared with December 31, 2017. Currency effects provided a decrease of approximately \$51 million. The impact of the initial adoption of the New Revenue Standard reduced backlog by approximately \$237 million at January 1, 2018. Approximately 35% of the backlog at June 30, 2018 was related to aftermarket orders. Backlog includes our unsatisfied (or partially unsatisfied) performance obligations of approximately \$1,335 million and approximately \$494 million of customer orders that are generally subject to the possibility of customer cancellation for convenience without penalty ("Cancellable Backlog"). We have historically experienced very low cancellation rates such that any potential subsequent reversals of Cancellable Backlog are not expected to be material. The remaining portion of our total backlog is not cancellable without a substantive penalty and therefore represents remaining performance obligations as discussed in Note 2 to our condensed consolidated financial statements included in this Quarterly Report.

Gross Profit and Gross Profit Margin

Three Months
Ended June 30,

(Amounts in millions, except percentages) 2018 2017

Gross profit \$286.1 \$245.5

sales for both the six months ended June 30, 2018 and 2017.

Gross profit margin 29.4 % 28.0 %

Six Months Ended

June 30,

(Amounts in millions, except percentages) 2018 2017 Gross profit \$557.5 \$514.4 Gross profit margin 29.4 % 29.5 %

Table of Contents

Gross profit for the three months ended June 30, 2018 increased by \$40.6 million, or 16.5%, as compared with the same period in 2017. Gross profit margin for the three months ended June 30, 2018 of 29.4% increased from 28.0% for the same period in 2017. The impact of the adoption of the New Revenue Standard had a favorable impact on gross profit margin for the three months ended June 30, 2018 of approximately 50 basis points. The increase in gross profit margin was primarily attributed to a \$16.9 million charge for costs related to a contract to supply oil and gas platform equipment to an end user in Latin America in the second quarter of 2017 that did not recur, the favorable impact of increased sales on our absorption of fixed manufacturing costs and increased savings related to our Realignment Programs, partially offset by revenue recognized on lower margin projects and a \$7.7 million charge for cost incurred related to the write-down of inventory associated with the potential divestiture of two IPD locations and related product lines. Aftermarket sales increased to approximately 50% of total sales, as compared with approximately 49% of total sales for the same period in 2017.

Gross profit for the six months ended June 30, 2018 increased by \$43.1 million, or 8.4%, as compared with the same period in 2017. Gross profit margin for the six months ended June 30, 2018 of 29.4% decreased slightly from 29.5% for the same period in 2017. The impact of the adoption of the New Revenue Standard had an unfavorable impact on gross profit margin for the six months ended June 30, 2018 of approximately 50 basis points. The decrease in gross profit margin was primarily attributed to revenue recognized on lower margin projects and a \$7.7 million charge for cost incurred related to the write-down of inventory associated with the potential divestiture of two IPD locations and related product lines, substantially offset by a \$16.9 million charge for costs related to a contract to supply oil and gas platform equipment to an end user in Latin America in the second quarter of 2017 that did not recur, the favorable impact of increased sales on our absorption of fixed manufacturing costs and increased savings related to our Realignment Programs. Aftermarket sales increased to approximately 50% of total sales, as compared with approximately 48% of total sales for the same period in 2017.

Selling, General and Administrative Expense

Three Months Ended June 30. (Amounts in millions, except percentages) 2018 2017 SG&A \$240.8 \$252.5 SG&A as a percentage of sales 24.7 % 28.8 Six Months Ended June 30. (Amounts in millions, except percentages) 2018 2017 SG&A \$470.0 \$474.3 SG&A as a percentage of sales 24.8 % 27.2

SG&A for the three months ended June 30, 2018 decreased by \$11.7 million, or 4.6%, as compared with the same period in 2017. Currency effects yielded an increase of approximately \$4 million. SG&A as a percentage of sales for the three months ended June 30, 2018 decreased 410 basis points as compared with the same period in 2017 primarily due to decreased charges related to our Realignment Programs, a \$26.0 million impairment charge related to our manufacturing facility in Brazil in the second quarter of 2017 that did not recur and increased sales leverage, partially offset by increased broad-based annual incentive compensation expense and an impairment charge of \$9.7 million related to the long-lived assets associated with the potential divestiture of two IPD locations and associated product lines.

SG&A for the six months ended June 30, 2018 decreased by \$4.3 million, or 0.9%, as compared with the same period in 2017. Currency effects yielded an increase of approximately \$13 million. SG&A as a percentage of sales for the six months ended June 30, 2018 decreased 240 basis points as compared with the same period in 2017 primarily due to decreased charges related to our Realignment Programs, a \$26.0 million impairment charge related to our

manufacturing facility in Brazil in the second quarter of 2017 that did not recur, increased sales leverage and lower stock-based compensation expense, partially offset by increased implementation costs associated with our adoption of the New Revenue Standard, increased broad-based annual incentive compensation expense and an impairment charge of \$9.7 million related to the long-lived assets associated with the potential divestiture of two IPD locations and related product lines.

Table of Contents

Gain on Sale of Business

(Amounts in millions)

Three Months Ended June 30, 202017 Gain on sale of business \$_\$131.3

> Six Months Ended June 30.

202017 (Amounts in millions) Gain on sale of business \$\\$131.3

The gain on sale of business decreased by \$131.3 million for the three and six months ended June 30, 2018. The decrease was the result of the \$131.3 million pre-tax gain from the sale of the Gestra business in the second quarter of 2017 that did not recur. See Note 3 to our condensed consolidated financial statements included in this Quarterly Report for additional information on this sale.

Net Earnings from Affiliates

Three Months Ended June 30, 2018 2017 (Amounts in millions) Net earnings from affiliates \$1.4 \$2.7 Six Months Ended June 30, 2018 2017 (Amounts in millions) Net earnings from affiliates \$4.6 \$6.1

Net earnings from affiliates for the three months ended June 30, 2018 decreased \$1.3 million, or 48.1%, as compared with the same period in 2017. The decrease was primarily a result of decreased earnings of our EPD joint venture in South Korea and our FCD joint venture in China.

Net earnings from affiliates for the six months ended June 30, 2018 decreased \$1.5 million, or 24.6%, as compared with the same period in 2017. The decrease was primarily a result of decreased earnings of our EPD joint venture in South Korea.

Operating Income and Operating Margin

Operating income

Three Months Ended June 30. (Amounts in millions, except percentages) 2018 2017 \$46.7 \$126.9 Operating income as a percentage of sales 4.8 % 14.5 %

Six Months Ended

June 30,

(Amounts in millions, except percentages) 2018 2017 Operating income \$92.1 \$177.5 Operating income as a percentage of sales 4.9 % 10.2 %

Operating income for the three months ended June 30, 2018 decreased by \$80.2 million, or 63.2%, as compared with the same period in 2017. The decrease included currency benefits of approximately \$2 million. The decrease was primarily a result of the \$131.3 million pre-tax gain from the sale of the Gestra business in the second quarter of 2017 that did not recur, partially offset by the \$40.6 million increase in gross profit and the \$11.7 million decrease in SG&A.

Operating income for the six months ended June 30, 2018 decreased by \$85.4 million, or 48.1%, as compared with the same period in 2017. The decrease included currency benefits of approximately \$6 million. The decrease was primarily a result of the \$131.3 million pre-tax gain from the sale of the Gestra business in the second quarter of 2017 that did not recur, partially offset by the \$43.1 million increase in gross profit and the \$4.3 million decrease in SG&A.

Table of Contents

Interest Expense and Interest Income

Three Months

Ended June 30,

(Amounts in millions) 2018 2017

Interest expense \$(14.9) \$(15.0)

Interest income 1.3 0.6

Six Months

Ended June 30.

(Amounts in millions) 2018 2017

Interest expense \$(29.8) \$(29.6)

Interest income 3.0 1.3

Interest expense for the three and six months ended June 30, 2018 remained relatively constant, respectively, as compared with the same period in 2017. Interest income for the three and six months ended June 30, 2018 increased \$0.7 million and \$1.7 million, respectively, as compared with the same period in 2017. The increase in interest income for the three and six month periods was primarily attributable to higher average cash balances in the second quarter compared with the same period in 2017.

Other Expense, Net

Three Months

Ended June

30,

(Amounts in millions) 2018 2017

Other expense, net \$(4.8) \$(9.5)

Six Months

Ended June 30,

(Amounts in millions) 2018 2017

Other expense, net \$(11.9) \$(21.5)

Other expense, net for the three months ended June 30, 2018 decreased \$4.7 million, as compared with the same period in 2017, due primarily to a \$2.1 million decrease in losses arising from transactions on foreign exchange contracts and a \$1.0 million decrease in losses from transactions in currencies other than our sites' functional currencies. The net change was primarily due to the foreign currency exchange rate movements in the Argentinian peso, Mexican peso, Indian rupee and British pound in relation to the U.S. dollar during the three months ended June 30, 2018, as compared with the same period in 2017.

Other expense, net for the six months ended June 30, 2018 decreased \$9.6 million, as compared with the same period in 2017, due primarily to a \$7.1 million decrease in losses from transactions in currencies other than our sites' functional currencies. The net change was primarily due to the foreign currency exchange rate movements in the Argentinian peso, Mexican peso, Indian rupee and Euro in relation to the U.S. dollar during the six months ended June 30, 2018, as compared with the same period in 2017. For a discussion related to hyperinflation in Argentina, refer to Note 1 to our condensed consolidated financial statements included in this Quarterly Report.

Tax Expense and Tax Rate

Three Months Ended June 30.

(Amounts in millions, except percentages) 2018 2017 Provision for income taxes \$13.5 \$60.9 Effective tax rate 47.8 % 59.1 % Six Months Ended June 30, (Amounts in millions, except percentages) 2018 2017 Provision for income taxes \$22.1 \$66.2 Effective tax rate 41.4 % 51.8 %

Table of Contents

The effective tax rate of 47.8% for the three months ended June 30, 2018 decreased from 59.1% for the same period in 2017. The effective tax rate varied from the U.S. federal statutory rate for the three months ended June 30, 2018 primarily due to the net impact of foreign operations, including losses in certain foreign jurisdictions for which no tax benefit was provided. For further information concerning our taxes, including our evaluation on the impact of the Act, please see Note 13 to our condensed consolidated financial statements included in this Quarterly Report.

The effective tax rate of 41.4% for the six months ended June 30, 2018 decreased from 51.8% for the same period in 2017. The effective tax rate varied from the U.S. federal statutory rate for the six months ended June 30, 2018 primarily due to the net impact of foreign operations, including losses in certain foreign jurisdictions for which no tax benefit was provided. For further information concerning our taxes, including our evaluation on the impact of the Act, please see Note 13 to our condensed consolidated financial statements included in this Quarterly Report.

Other Comprehensive (Loss) Income

Three Months Ended June

30.

(Amounts in millions) 2018 2017 Other comprehensive (loss) income \$(55.1) \$33.2

> Six Months Ended June

30,

(Amounts in millions) 2018 2017

Other comprehensive (loss) income \$(35.9) \$67.5

Other comprehensive loss for the three months ended June 30, 2018 increased \$88.3 million compared to income of \$33.2 million in 2017. The increased loss was primarily due to foreign currency translation adjustments resulting primarily from exchange rate movements of the Euro, Argentinian peso, British pound and Indian rupee versus the U.S. dollar during the three months ended June 30, 2018, as compared with the same period in 2017. Other comprehensive loss for the six months ended June 30, 2018 increased \$103.4 million compared to income of \$67.5 million in 2017. The increased loss was primarily due to foreign currency translation adjustments resulting primarily from exchange rate movements of the Euro, Argentinian peso, Indian rupee and British pound versus the U.S. dollar during the six months ended June 30, 2018, as compared with the same period in 2017. For a discussion related to hyperinflation in Argentina, refer to Note 1 to our condensed consolidated financial statements included in this Quarterly Report.

Business Segments

We conduct our operations through three business segments based on type of product and how we manage the business. We evaluate segment performance and allocate resources based on each segment's operating income. The key operating results for our three business segments, EPD, IPD and FCD, are discussed below.

Table of Contents

Engineered Product Division Segment Results

Our largest business segment is EPD, through which we design, manufacture, distribute and service custom and other highly-engineered pumps and pump systems, mechanical seals, auxiliary systems and spare parts (collectively referred to as "original equipment"). EPD includes longer lead-time, highly-engineered pump products and shorter cycle engineered pumps and mechanical seals that are generally manufactured more quickly. EPD also manufactures replacement parts and related equipment and provides a full array of replacement parts, repair and support services (collectively referred to as "aftermarket"). EPD primarily operates in the oil and gas, power generation, chemical and general industries. EPD operates in 47 countries with 29 manufacturing facilities worldwide, nine of which are located in Europe, nine in North America, six in Asia and five in Latin America, and it operates 120 QRCs, including those co-located in manufacturing facilities and/or shared with FCD.

	Three Months		
	Ended Ju	ne 30,	
(Amounts in millions, except percentages)	2018	2017	
Bookings	\$505.7	\$465.1	
Sales	480.7	427.7	
Gross profit	148.2	130.8	
Gross profit margin	30.8 %	30.6 %	
SG&A	99.0	123.6	
Segment operating income	51.0	9.8	
Segment operating income as a percentage of sales	10.6 %	2.3 %	
	Six Mont	hs Ended	
	Six Mont June 30,	hs Ended	
(Amounts in millions, except percentages)		hs Ended 2017	
(Amounts in millions, except percentages) Bookings	June 30,	2017	
	June 30, 2018	2017	
Bookings	June 30, 2018 \$930.6	2017 \$925.1	
Bookings Sales	June 30, 2018 \$930.6 948.4	2017 \$925.1 852.4 267.7	
Bookings Sales Gross profit	June 30, 2018 \$930.6 948.4 288.1	2017 \$925.1 852.4 267.7	
Bookings Sales Gross profit Gross profit margin	June 30, 2018 \$930.6 948.4 288.1 30.4 %	2017 \$925.1 852.4 267.7 31.4 %	

Bookings for the three months ended June 30, 2018 increased by \$40.6 million, or 8.7%, as compared with the same period in 2017. The increase included currency benefits of approximately \$4 million. The increase in customer bookings was driven by the chemical, general and oil and gas industries, partially offset by decreased bookings in the power generation industry. Increased customer bookings of \$39.4 million into Europe, \$21.3 million into North America, \$6.3 million into the Middle East and \$5.9 million into Latin America were partially offset by decreased customer bookings of \$15.4 million into Asia Pacific and \$9.6 million into Africa. The increase was driven by increased customer aftermarket bookings. Interdivision bookings (which are eliminated and are not included in consolidated bookings as disclosed above) decreased by \$2.2 million.

Bookings for the six months ended June 30, 2018 increased by \$5.5 million, or 0.6%, as compared with the same period in 2017, which included 2017 bookings for an order of approximately \$80 million to provide pumps and related equipment for the Hengli Integrated Refining Complex Project in China which did not recur. The increase included currency benefits of approximately \$24 million. The increase in customer bookings was primarily driven by the general, chemical and power generation industries, substantially offset by decreased bookings in the oil and gas industry. Increased customer bookings of \$56.9 million into Europe, \$9.0 million into North America, \$7.3 million into Latin America and \$6.8 million into the Middle East were substantially offset by decreased customer bookings of \$67.6 million into Asia Pacific and \$2.6 million into Africa. The increase was driven by increased customer

aftermarket bookings. Interdivision bookings (which are eliminated and are not included in consolidated bookings as disclosed above) decreased by \$1.3 million.

Sales for the three months ended June 30, 2018 increased \$53.0 million, or 12.4%, as compared with the same period in 2017. The increase included currency benefits of approximately \$4 million. The increase was more heavily weighted towards aftermarket sales. The increase resulted from increased sales of \$19.6 million into North America, \$14.7 million into Africa, \$13.4 million into Asia Pacific and \$7.6 million into Latin America, partially offset by decreased sales of \$2.4 million into Europe. The impact of the adoption of the New Revenue Standard increased sales by approximately \$5 million for the three months ended June 30, 2018. Interdivision sales (which are eliminated and are not included in consolidated sales as disclosed above) increased by \$1.2 million when compared to the same period in 2017.

Table of Contents

Sales for the six months ended June 30, 2018 increased \$96.0 million, or 11.3%, as compared with the same period in 2017. The increase included currency benefits of approximately \$28 million. The increase was more heavily weighted towards aftermarket sales. The increase resulted from increased sales of \$44.5 million into North America, \$41.5 million into Asia Pacific, \$21.3 million into Africa and \$8.2 million into Latin America, partially offset by decreased sales of \$15.5 million into the Middle East and \$3.0 million into Europe. The impact of the adoption of the New Revenue Standard increased sales by approximately \$42 million for the six months ended June 30, 2018. Interdivision sales (which are eliminated and are not included in consolidated sales as disclosed above) increased by \$4.5 million when compared to the same period in 2017.

Gross profit for the three months ended June 30, 2018 increased by \$17.4 million, or 13.3%, as compared with the same period in 2017. Gross profit margin for the three months ended June 30, 2018 of 30.8% increased from 30.6% for the same period in 2017. The slight increase in gross profit margin was primarily attributable to the favorable impact of increased sales on our absorption of fixed manufacturing costs and increased savings related to our Realignment Programs, substantially offset by increased charges related to our Realignment Programs and revenue recognized on lower margin projects. The impact of the adoption of the New Revenue Standard had a favorable impact on gross profit margin for the three months ended June 30, 2018.

Gross profit for the six months ended June 30, 2018 increased by \$20.4 million, or 7.6%, as compared with the same period in 2017. Gross profit margin for the six months ended June 30, 2018 of 30.4% decreased from 31.4% for the same period in 2017. The decrease in gross profit margin was primarily attributable to increased charges related to our Realignment Programs and revenue recognized on lower margin projects, partially offset by the favorable impact of increased sales on our absorption of fixed manufacturing costs and increased savings related to our Realignment Programs.

SG&A for the three months ended June 30, 2018 decreased by \$24.6 million, or 19.9%, as compared with the same period in 2017. Currency effects provided an increase of approximately \$1 million. The decrease in SG&A is primarily attributable to a \$26.0 million impairment charge related to our manufacturing facility in Brazil in the second quarter of 2017 that did not recur and decreased charges related to our Realignment Programs, partially offset by higher selling and marketing-related expenses as compared to the same period in 2017.

SG&A for the six months ended June 30, 2018 decreased by \$15.1 million, or 6.9%, as compared with the same period in 2017. Currency effects provided an increase of approximately \$5 million. The decrease in SG&A is primarily attributable to a \$26.0 million impairment charge related to our manufacturing facility in Brazil in the second quarter of 2017 that did not recur and decreased charges related to our Realignment Programs, partially offset by higher selling and marketing-related expenses as compared to the same period in 2017.

Operating income for the three months ended June 30, 2018 increased by \$41.2 million, or 420.4%, as compared with the same period in 2017. The increase included currency benefits of approximately \$2 million. The increase was primarily due to the \$24.6 million decrease in SG&A and the \$17.4 million increase in gross profit.

Operating income for the six months ended June 30, 2018 increased by \$34.7 million, or 62.3%, as compared with the same period in 2017. The increase included currency benefits of approximately \$6 million. The increase was primarily due to the \$20.4 million increase in gross profit and the \$15.1 million decrease in SG&A.

Backlog of \$808.6 million at June 30, 2018 decreased by \$219.1 million, or 21.3%, as compared with December 31, 2017. The impact of the initial adoption of the New Revenue Standard reduced backlog by approximately \$181 million at January 1, 2018. Currency effects provided a decrease of approximately \$33 million. Backlog at June 30, 2018 and December 31, 2017 included \$14.4 million and \$16.0 million, respectively, of interdivision backlog (which is eliminated and not included in consolidated backlog as disclosed above).

Industrial Product Division Segment Results

Through IPD, we design, manufacture, distribute and service engineered, pre-configured industrial pumps and pump systems, including submersible motors and specialty products (collectively referred to as "original equipment"). Additionally, IPD manufactures replacement parts and related equipment, and provides a full array of support services (collectively referred to as "aftermarket"). IPD primarily operates in the oil and gas, chemical, power generation and general industries. IPD operates 17 manufacturing facilities, five of which are located in the U.S., eight in Europe and four in Asia and it operates 30 QRCs worldwide, including 19 sites in Europe, six in the U.S., three in Asia and two in

Latin America, including those co-located in manufacturing facilities.

Table of Contents

	Three Months Ended June 30,
(Amounts in millions, except percentages)	2018 2017
Bookings	\$235.0 \$213.3
Sales	205.7 191.8
Gross profit	37.2 24.1
Gross profit margin	18.1 % 12.6 %
SG&A	58.0 52.9
Segment operating loss	(20.5) (28.6)
Segment operating loss as a percentage of sales	(10.0)% (14.9)%
	Six Months Ended
	June 30,
(Amounts in millions, except percentages)	2018 2017
Bookings	\$433.4 \$420.0
Sales	403.8 370.2
Gross profit	83.1 58.9
Gross profit margin	20.6 % 15.9 %
	40.70
SG&A	105.9 101.3
SG&A Segment operating loss	105.9 101.3 (22.7) (42.3)

Bookings for the three months ended June 30, 2018 increased by \$21.7 million, or 10.2%, as compared with the same period in 2017. The increase included currency benefits of approximately \$7 million. The increase in customer bookings was primarily driven by the oil and gas, power generation, general and water industries. Increased customer bookings of \$16.2 million into Latin America, \$13.2 million into Europe and \$8.7 million into North America were partially offset by decreased customer bookings of \$4.8 million into Asia Pacific. The increase was more heavily weighted towards increased customer original equipment bookings. Interdivision bookings (which are eliminated and are not included in consolidated bookings as disclosed above) increased by \$1.0 million.

Bookings for the six months ended June 30, 2018 increased by \$13.4 million, or 3.2%, as compared with the same period in 2017. The increase included currency benefits of approximately \$19 million. The increase in customer bookings was primarily driven by the power generation, chemical and general industries, partially offset by a decrease

bookings was primarily driven by the power generation, chemical and general industries, partially offset by a decrease in the water industry. Increased customer bookings of \$16.3 million into Latin America, \$14.1 million into Europe and \$9.0 million into Asia Pacific, were partially offset by decreased customer bookings of \$16.9 million into North America. The increase was primarily driven by increased customer aftermarket bookings. Interdivision bookings (which are eliminated and are not included in consolidated bookings as disclosed above) increased by \$3 million. Sales for the three months ended June 30, 2018 increased \$13.9 million, or 7.2%, as compared with the same period in 2017. The increase included currency benefits of approximately \$6 million and was primarily driven by increased aftermarket sales. The increase primarily resulted from increased sales of \$7.0 million into Europe, \$4.4 million into North America and \$2.2 million into Asia Pacific. The impact of the adoption of the New Revenue Standard increased sales by approximately \$5 million for the three months ended June 30, 2018. Interdivision sales (which are eliminated and are not included in consolidated sales as disclosed above) remained relatively flat when compared to the same period in 2017.

Sales for the six months ended June 30, 2018 increased \$33.6 million, or 9.1%, as compared with the same period in 2017. The increase included currency benefits of approximately \$18 million and was primarily driven by increased aftermarket sales. The increase primarily resulted from increased sales of \$18.8 million into Europe, \$9.9 million into North America and \$2.4 million into Africa. The impact of the adoption of the New Revenue Standard increased sales by approximately \$14 million for the six months ended June 30, 2018. Interdivision sales (which are eliminated and are not included in consolidated sales as disclosed above) increased by \$3.1 million when compared to the same

period in 2017.

Gross profit for the three months ended June 30, 2018 increased by \$13.1 million, or 54.4%, as compared with the same period in 2017. Gross profit margin for the three months ended June 30, 2018 of 18.1% increased from 12.6% for the same period in 2017. The increase in gross profit margin was primarily attributable to a \$16.9 million charge for costs related to a contract to supply oil and gas platform equipment to an end user in Latin America in the second quarter of 2017 that did not recur and increased

Table of Contents

savings related to our Realignment Programs, partially offset by a \$7.7 million charge for cost incurred related to the write-down of inventory associated with the potential divestiture of two IPD locations and related product lines. Gross profit for the six months ended June 30, 2018 increased by \$24.2 million, or 41.1%, as compared with the same period in 2017. Gross profit margin for the six months ended June 30, 2018 of 20.6% increased from 15.9% for the same period in 2017. The increase in gross profit margin was primarily attributable to a \$16.9 million charge for costs related to a contract to supply oil and gas platform equipment to an end user in Latin America in the second quarter of 2017 that did not recur and increased savings related to our Realignment Programs, partially offset by a \$7.7 million charge for cost incurred related to the write-down of inventory associated with the potential divestiture of two IPD locations and related product lines.

SG&A for the three months ended June 30, 2018 increased by \$5.1 million, or 9.6%, as compared with the same period in 2017. Currency effects provided an increase of approximately \$1 million. The increase in SG&A is primarily due to an impairment charge on long-lived assets related to the potential divestiture of two IPD locations and related product lines of \$9.7 million, partially offset by lower charges related our Realignment Programs compared to the same period in 2017.

SG&A for the six months ended June 30, 2018 increased by \$4.6 million, or 4.5%, as compared with the same period in 2017. Currency effects provided an increase of approximately \$4 million. The increase in SG&A is primarily due to an impairment charge on long-lived assets related to the potential divestiture of two IPD locations and related product lines of \$9.7 million, partially offset by lower charges related our Realignment Programs compared to the same period in 2017.

Operating loss for the three months ended June 30, 2018 decreased by \$8.1 million, or 28.3%, as compared with the same period in 2017. The decrease included negative currency effects of approximately \$1 million. The decreased loss was primarily due to the \$13.1 million increase in gross profit, partially offset by the \$5.1 million increase in SG&A. Operating loss for the six months ended June 30, 2018 decreased by \$19.6 million, or 46.3%, as compared with the same period in 2017. The decrease included negative currency effects of approximately \$2 million. The decreased loss was primarily due to the \$24.2 million increase in gross profit, partially offset by the \$4.6 million increase in SG&A. Backlog of \$419.2 million at June 30, 2018 decreased by \$5.1 million, or 1.2%, as compared with December 31, 2017. The impact of the initial adoption of the New Revenue Standard reduced backlog by approximately \$34 million at January 1, 2018. Currency effects provided a decrease of approximately \$9 million. Backlog at June 30, 2018 and December 31, 2017 included \$16.9 million and \$17.3 million, respectively, of interdivision backlog (which is eliminated and not included in consolidated backlog as disclosed above).

Flow Control Division Segment Results

Our second largest business segment is FCD, which designs, manufactures and distributes a broad portfolio of engineered-to-order and configured-to-order isolation valves, control valves, valve automation products, boiler controls and related services. FCD leverages its experience and application know-how by offering a complete menu of engineered services to complement its expansive product portfolio. FCD has a total of 46 manufacturing facilities and QRCs in 25 countries around the world, with five of its 21 manufacturing operations located in the U.S., nine located in Europe, six located in Asia Pacific and one located in Latin America. Based on independent industry sources, we believe that FCD is the third largest industrial valve supplier on a global basis.

	I hree Months				
	Ended J	une 30,			
(Amounts in millions, except percentages)	2018	2017			
Bookings	\$318.6	\$316.	2		
Sales	306.5	275.4			
Gross profit	101.0	87.9			
Gross profit margin	33.0	% 31.9	%		
SG&A	53.9	54.6			
Segment operating income	46.4	164.4			
Segment operating income as a percentage of sales	15.1	% 59.7	%		

Table of Contents

	Six Montl June 30,	ns Ended
(Amounts in millions, except percentages)	2018	2017
Bookings	\$645.3	\$625.6
Sales	583.7	555.8
Gross profit	189.2	186.1
Gross profit margin	32.4 %	33.5 %
SG&A	108.2	111.0
Segment operating income	80.3	206.3
Segment operating income as a percentage of sales	13.8 %	37.1 %

Bookings for the three months ended June 30, 2018 increased by \$2.4 million, or 0.8%, as compared with the same period in 2017. Bookings included currency benefits of approximately \$7 million. Increased customer bookings in the oil and gas, general and chemical industries were substantially offset by decreases in the power generation and water industries. Increased customer bookings of \$36.5 million into North America were substantially offset by decreased bookings of \$14.8 million into the Middle East, \$7.2 million into Asia Pacific, \$6.9 million into Europe, \$2.8 million into Africa and \$1.1 million into Latin America. The increase was driven by increased customer aftermarket bookings. The three months ended June 30, 2017 included bookings of approximately \$11 million related to FCD's businesses that were divested in the second and third quarter of 2017.

Bookings for the six months ended June 30, 2018 increased by \$19.7 million, or 3.1%, as compared with the same period in 2017. Bookings included currency benefits of approximately \$22 million. Increased customer bookings in the general, oil and gas and chemical industries were partially offset by decreases in the power generation and water industries. Increased customer bookings of \$64.4 million into North America were partially offset by decreased customer bookings of \$23.3 million into Europe, \$13.6 million into Middle East and \$4.8 million into Asia Pacific. The increase was driven by increased customer aftermarket bookings. The six months ended June 30, 2017 included bookings of approximately \$39 million related to FCD's businesses that were divested in the second and third quarter of 2017.

Sales for the three months ended June 30, 2018 increased \$31.1 million, or 11.3%, as compared with the same period in 2017. The increase included currency benefits of approximately \$7 million and was driven primarily by increased original equipment sales. The increase was primarily driven by increased customer sales of \$19.2 million into Asia Pacific, \$13.3 million into North America and \$3.3 million into Africa, partially offset by decreased sales of \$5.9 million into Europe. The adoption of the New Revenue Standard increased sales by approximately \$1 million for the three months ended June 30, 2018. The three months ended June 30, 2017 included sales of approximately \$10 million related to FCD's businesses that were divested in the second and third quarter of 2017.

Sales for the six months ended June 30, 2018 increased \$27.9 million, or 5.0%, as compared with the same period in 2017. The increase included currency benefits of approximately \$20 million and was more heavily-weighted to increased original equipment sales. The increase was primarily driven by increased customer sales of \$31.2 million into Asia Pacific, \$25.2 million into North America, \$6.1 million into Africa and \$2.7 million into the Middle East, partially offset by decreased customer sales of \$27.6 million into Europe and \$8.3 million into Latin America. The adoption of the New Revenue Standard increased sales by approximately \$25 million for the six months ended June 30, 2018. The six months ended June 30, 2017 included sales of approximately \$36 million related to FCD's businesses that were divested in the second of 2017.

Gross profit for the three months ended June 30, 2018 increased by \$13.1 million, or 14.9%, as compared with the same period in 2017. Gross profit margin for the three months ended June 30, 2018 of 33.0% increased from 31.9% for the same period in 2017. The increase in gross profit margin was primarily attributable to decreased charges and increased savings related to our Realignment Programs and the favorable impact of increased sales on our absorption of fixed manufacturing costs as compared to the same period in 2017. The impact of the adoption of the New Revenue

Standard had an unfavorable impact on gross profit margin for the three months ended June 30, 2018. Gross profit for the six months ended June 30, 2018 increased by \$3.1 million, or 1.7%, as compared with the same period in 2017. Gross profit margin for the six months ended June 30, 2018 of 32.4% decreased from 33.5% for the same period in 2017. The decrease in gross profit margin was primarily attributable to revenue recognized on lower margin orders, partially offset by the positive impact of increased sales on our absorption of fixed manufacturing costs and increased savings achieved related to our Realignment Programs compared to the same period in 2017. The impact of the adoption of the New Revenue Standard had an unfavorable impact on gross profit margin for the six months ended June 30, 2018.

Table of Contents

SG&A for the three months ended June 30, 2018 decreased by \$0.7 million, or 1.3%, as compared with the same period in 2017. Currency effects provided an increase of approximately \$1 million. The decrease in SG&A is primarily due to lower charges related to our Realignment Programs compared to the same period in 2017. SG&A for the six months ended June 30, 2018 decreased by \$2.8 million, or 2.5%, as compared with the same period in 2017. Currency effects provided an increase of approximately \$3 million. The decrease in SG&A is primarily due to lower charges related our Realignment Programs compared to the same period in 2017.

Operating income for the three months ended June 30, 2018 decreased by \$118.0 million, or 71.8%, as compared with the same period in 2017. The decrease included currency benefits of less than \$1 million. The decrease was due to the \$131.3 million pre-tax gain from the sale of the Gestra business in the second quarter of 2017, which was partially offset by the \$13.1 million increase in gross profit and the decrease in SG&A of \$0.7 million.

Operating income for the six months ended June 30, 2018 decreased by \$126.0 million, or 61.1%, as compared with the same period in 2017. The decrease included currency benefits of approximately \$1 million. The decrease was due to the \$131.3 million pre-tax gain from the sale of the Gestra business in the second quarter of 2017, which was partially offset by the \$3.1 million increase in gross profit and the decrease in SG&A of \$2.8 million.

Backlog of \$634.3 million at June 30, 2018 increased by \$16.9 million, or 2.7%, as compared with December 31, 2017. The impact of the initial adoption of the New Revenue Standard reduced backlog by approximately \$35 million at January 1, 2018. Currency effects provided a decrease of approximately \$9 million.

LIQUIDITY AND CAPITAL RESOURCES

Cash Flow and Liquidity Analysis

	Six Months	
	Ended June 30,	
(Amounts in millions)	2018 2017	
Net cash flows (used) provided by operating activities	\$(56.7) \$46.6	
Net cash flows (used) provided by investing activities	(30.8) 154.8	
Net cash flows used by financing activities	(87.2) (82.5)	

Existing cash, cash generated by operations and borrowings available under our existing Revolving Credit Facility are our primary sources of short-term liquidity. We monitor the depository institutions that hold our cash and cash equivalents on a regular basis, and we believe that we have placed our deposits with creditworthy financial institutions. Our sources of operating cash generally include the sale of our products and services and the conversion of our working capital, particularly accounts receivable and inventories. Our cash balance at June 30, 2018 was \$517.4 million, as compared with \$703.4 million at December 31, 2017.

Our cash balance decreased by \$186.0 million to \$517.4 million at June 30, 2018, as compared with December 31, 2017. The cash used during the first six months of 2018 included \$49.7 million in dividend payments and \$30.0 million of payments on long-term debt.

For the six months ended June 30, 2018, our cash used by operating activities was \$56.7 million, as compared with cash provided of \$46.6 million for the same period in 2017. Cash flow used by working capital increased for the six months ended June 30, 2018, due primarily to increased uses of cash related to inventories, accounts receivable, contract assets and accrued liabilities and income taxes payable.

Increases in accounts receivable used \$32.2 million of cash flow for the six months ended June 30, 2018, as compared with cash provided of \$71.1 million for the same period in 2017. As of June 30, 2018, our days' sales outstanding ("DSO") was 75 days as compared with 85 days as of June 30, 2017. The adoption of the New Revenue Standard as of January 1, 2018 had an estimated favorable impact of 8 days on DSO as of June 30, 2018.

Increases in contract assets used \$48.9 million of cash flow for the six months ended June 30, 2018, due primarily to revenue recognized in advance of customer invoices.

Increases in inventory used \$57.4 million and \$17.3 million of cash flow for the six months ended June 30, 2018 and June 30, 2017, respectively. Inventory turns were 4.1 times at June 30, 2018, compared with 2.7 times for the same period in 2017. The adoption of the New Revenue Standard as of January 1, 2018 had an estimated favorable impact

of approximately 1.3 times on our inventory turn calculation as of June 30, 2018.

Table of Contents

Decreases in accounts payable used \$10.6 million of cash flow for the six months ended June 30, 2018 as compared with \$55.9 million for the same period in 2017. Decreases in accrued liabilities and income taxes payable used \$44.8 million of cash flow for the six months ended June 30, 2018, as compared with \$9.8 million for the same period in 2017.

Cash flows used by investing activities during the six months ended June 30, 2018 were \$30.8 million, as compared with cash provided of \$154.8 million for the same period in 2017. The decrease was primarily due to \$181.8 million in net proceeds from the sale of our Gestra business in the second quarter of 2017 that did not recur. Capital expenditures during the six months ended June 30, 2018 were \$31.7 million, an increase of \$2.3 million as compared with the same period in 2017. Our capital expenditures are generally focused on strategic initiatives to pursue new markets, geographic expansion, information technology infrastructure, ongoing scheduled replacements and upgrades and cost reduction opportunities. In 2018, total capital expenditures are expected to be between \$80 million and \$90 million. Cash flows used by financing activities during the six months ended June 30, 2018 were \$87.2 million, as compared with \$82.5 million for the same period in 2017. Cash outflows during the six months ended June 30, 2018 resulted primarily from \$49.7 million of dividend payments and \$30.0 million of payments on long-term debt.

Our Senior Credit Facility matures in October 2020. Approximately 22% of our outstanding Term Loan Facility is due to mature in the remainder of 2018 and approximately 44% in 2019. As of June 30, 2018, we had available capacity of \$432.6 million on our \$800.0 million Revolving Credit Facility. Our borrowing capacity is subject to financial covenant limitations based on the terms of our Senior Credit Facility and is also reduced by outstanding letters of credit. Our Revolving Credit Facility is committed and held by a diversified group of financial institutions.

During the six months ended June 30, 2018, we made no cash contributions to our U.S. pension plan, compared to \$6 million contribution in 2017 for the same period. At December 31, 2017, our U.S. pension plan was fully funded as defined by applicable law. After consideration of our funded status, we currently anticipate making \$20 million in contributions to our U.S. pension plan in 2018, excluding direct benefits paid. We continue to maintain an asset allocation consistent with our strategy to maximize total return, while reducing portfolio risks through asset class diversification.

Considering our current debt structure and cash needs, we currently believe cash flows generated from operating activities combined with availability under our Revolving Credit Facility and our existing cash balance will be sufficient to meet our cash needs for the next 12 months. Cash flows from operations could be adversely affected by economic, political and other risks associated with sales of our products, operational factors, competition, fluctuations in foreign exchange rates and fluctuations in interest rates, among other factors. See "Cautionary Note Regarding Forward-Looking Statements" below.

On November 13, 2014, our Board of Directors approved a \$500.0 million share repurchase authorization, of which as of June 30, 2018, we have \$160.7 million of remaining capacity. While we intend to continue to return cash through dividends and/or share repurchases for the foreseeable future, any future returns of cash through dividends and/or share repurchases will be reviewed individually, declared by our Board of Directors and implemented by management at its discretion, depending on our financial condition, business opportunities and market conditions at such time. Financing

Credit Facilities

See Note 10 to our consolidated financial statements included in our 2017 Annual Report and Note 6 to our condensed consolidated financial statements included in this Quarterly Report for a discussion of our Senior Credit Facility and covenants related to our Senior Credit Facility. We complied with all covenants through June 30, 2018.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

Management's discussion and analysis of financial condition and results of operations are based on our condensed consolidated financial statements and related footnotes contained within this Quarterly Report. The preparation of financial statements in accordance with U.S. GAAP requires that we make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements, as well as the reported amounts of revenue and expenses during the period.

During the six months ended June 30, 2018, our critical accounting policies and methodology used in determining estimates for revenue and related expenses changed. On January 1, 2018, we adopted the New Revenue Standard using the modified retrospective method for transition and modified our accounting policies and practices to support our accounting estimates of revenue and expenses in accordance with U.S. GAAP. For a discussion related to our adoption of the New Revenue Standard and the impacts on revenue and expenses, refer to Notes 1 and 2 to our condensed consolidated financial statements included in this Quarterly Report.

Table of Contents

Critical policies for other significant estimates, for which no significant changes have occurred in the six months ended June 30, 2018, include:

- •Deferred Taxes, Tax Valuation Allowances and Tax Reserves;
- •Reserves for Contingent Loss;
- •Retirement and Postretirement Benefits; and
- •Valuation of Goodwill, Indefinite-Lived Intangible Assets and Other Long-Lived Assets.

For the other significant estimates referenced above, our critical accounting policies used in the preparation of our condensed consolidated financial statements were discussed in "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations" of our 2017 Annual Report.

Based on an assessment of our accounting policies and the underlying judgments and uncertainties affecting the application of those policies, we believe that our condensed consolidated financial statements provide a meaningful and fair perspective of our consolidated financial condition and results of operations. This is not to suggest that other general risk factors, such as changes in worldwide demand, changes in material costs, performance of acquired businesses and others, could not adversely impact our consolidated financial condition, results of operations and cash flows in future periods. See "Cautionary Note Regarding Forward-Looking Statements" below.

ACCOUNTING DEVELOPMENTS

We have presented the information about pronouncements not yet implemented in Note 1 to our condensed consolidated financial statements included in this Quarterly Report.

Cautionary Note Regarding Forward-Looking Statements

This Quarterly Report includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, which are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, as amended. Words or phrases such as, "may," "should," "expects," "could," "intends," "plans," "anticipates," "estimates," "believes," "predicts" or other similar expressions are intended to identify forward-looking statements, which include, without limitation, statements concerning our future financial performance, future debt and financing levels, investment objectives, implications of litigation and regulatory investigations and other management plans for future operations and performance.

The forward-looking statements included in this Quarterly Report are based on our current expectations, projections, estimates and assumptions. These statements are only predictions, not guarantees. Such forward-looking statements are subject to numerous risks and uncertainties that are difficult to predict. These risks and uncertainties may cause actual results to differ materially from what is forecast in such forward-looking statements, and include, without limitation, the following:

a portion of our bookings may not lead to completed sales, and our ability to convert bookings into revenues at acceptable profit margins;

changes in the global financial markets and the availability of capital and the potential for unexpected cancellations or delays of customer orders in our reported backlog;

our dependence on our customers' ability to make required capital investment and maintenance expenditures;

risks associated with cost overruns on fixed fee projects and in accepting customer orders for large complex custom engineered products;

the substantial dependence of our sales on the success of the oil and gas, chemical, power generation and water management industries;

the adverse impact of volatile raw materials prices on our products and operating margins;

economic, political and other risks associated with our international operations, including military actions or trade embargoes that could affect customer markets, particularly North African, Russian and Middle Eastern markets and global oil and gas producers, and non-compliance with U.S. export/reexport control, foreign corrupt practice laws, economic sanctions and import laws and regulations;

increased aging and slower collection of receivables, particularly in Latin America and other emerging markets;

our exposure to fluctuations in foreign currency exchange rates, particularly the Euro and British pound and in hyperinflationary countries such as Venezuela and Argentina;

our furnishing of products and services to nuclear power plant facilities and other critical applications;

potential adverse consequences resulting from litigation to which we are a party, such as litigation involving asbestos-containing material claims;

- a foreign government investigation regarding our participation in the United Nations Oil-For-Food Program;
- expectations regarding acquisitions and the integration of acquired businesses;
- our relative geographical profitability and its impact on our utilization of deferred tax assets, including foreign tax credits:
- the potential adverse impact of an impairment in the carrying value of goodwill or other intangible assets;
- our dependence upon third-party suppliers whose failure to perform timely could adversely affect our business operations;
- the highly competitive nature of the markets in which we operate;
- environmental compliance costs and liabilities;
- potential work stoppages and other labor matters;
- access to public and private sources of debt financing;
- our inability to protect our intellectual property in the U.S., as well as in foreign countries;
- obligations under our defined benefit pension plans;
- risks and potential liabilities associated with cyber security threats;

our internal control over financial reporting may not prevent or detect misstatements because of its inherent limitations, including the possibility of human error, the circumvention or overriding of controls, or fraud;

the recording of increased deferred tax asset valuation allowances in the future or the impact of tax law changes on such deferred tax assets could affect our operating results;

if we are not able to successfully execute and realize the expected financial benefits from our strategic realignment and other cost-saving initiatives, our business could be adversely affected; and

ineffective internal controls could impact the accuracy and timely reporting of our business and financial results.

These and other risks and uncertainties are more fully discussed in the risk factors identified in "Item 1A. Risk Factors" in Part I of our 2017 Annual Report and Part II of this 10-Q, and may be identified in our Quarterly Reports on Form 10-Q and our other filings with the SEC and/or press releases from time to time. All forward-looking statements included in this document are based on information available to us on the date hereof, and we assume no obligation to update any forward-looking statement.

Item 3. Quantitative and Qualitative Disclosures about Market Risk.

We have market risk exposure arising from changes in interest rates and foreign currency exchange rate movements in foreign exchange contracts. We are exposed to credit-related losses in the event of non-performance by counterparties to financial instruments, but we currently expect our counterparties will continue to meet their obligations given their current creditworthiness.

Interest Rate Risk

Our earnings are impacted by changes in short-term interest rates as a result of borrowings under our Senior Credit Facility, which bear interest based on floating rates. At June 30, 2018, we had \$135.0 million of variable rate debt obligations outstanding under our Senior Credit Facility with a weighted average interest rate of 3.83%. A hypothetical change of 100 basis points in the interest rate for these borrowings, assuming constant variable rate debt levels, would have changed interest expense by \$0.7 million for the six months ended June 30, 2018. Foreign Currency Exchange Rate Risk

A substantial portion of our operations are conducted by our subsidiaries outside of the U.S. in currencies other than the U.S. dollar. Almost all of our non-U.S. subsidiaries conduct their business primarily in their local currencies, which are also their functional currencies. Foreign currency exposures arise from translation of foreign-denominated assets and liabilities into U.S. dollars and from transactions, including firm commitments and anticipated transactions, denominated in a currency other than our or a non-U.S. subsidiary's functional currency. In March 2015, we designated €255.7 million of our €500.0 million 2022 Euro Senior Notes as a net investment hedge of our investments in certain of our international subsidiaries that use the Euro as their functional currency. Generally, we view our investments in foreign subsidiaries from a long-term perspective and use capital structuring techniques to manage our investment in foreign subsidiaries as deemed necessary. We realized net (losses) gains associated with foreign currency translation of \$(61.0) million and \$34.3 million for the three months June 30, 2018 and 2017, respectively, and \$(41.5) million and \$68.1 million for the six months ended June 30, 2018 and 2017, respectively, which are included in other comprehensive loss.

We employ a foreign currency risk management strategy to minimize potential changes in cash flows from unfavorable foreign currency exchange rate movements. Where available, the use of foreign exchange contracts allows us to mitigate transactional exposure to exchange rate fluctuations as the gains or losses incurred on the foreign exchange contracts will offset, in whole or in part, losses or gains on the underlying foreign currency exposure. As of June 30, 2018, we had a U.S. dollar equivalent of \$287.2 million in aggregate notional amount outstanding in foreign exchange contracts with third parties, as compared with \$235.6 million at December 31, 2017. Transactional currency gains and losses arising from transactions outside of our sites' functional currencies and changes in fair value of non-designated foreign exchange contracts are included in our consolidated results of operations. We recognized foreign currency net losses of \$4.1 million and \$7.1 million for the three months ended June 30, 2018 and 2017, respectively, and \$12.0 million and \$18.1 million for the six months ended June 30, 2018 and 2017, respectively, which are included in other expense, net in the accompanying condensed consolidated statements of income. Based on a sensitivity analysis at June 30, 2018, a 10% change in the foreign currency exchange rates for the six months ended June 30, 2018 would have impacted our net earnings by approximately \$2 million. This calculation assumes that all currencies change in the same direction and proportion relative to the U.S. dollar and that there are no indirect effects, such as changes in non-U.S. dollar sales volumes or prices. This calculation does not take into account the impact of the foreign currency exchange contracts discussed above.

Item 4. Controls and Procedures.

Disclosure Controls and Procedures

Disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act) are controls and other procedures that are designed to ensure that the information that we are required to disclose in the reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to our management, including our Principal Executive Officer and Principal Financial Officer, as appropriate to allow timely decisions regarding required disclosure.

In connection with the preparation of this Quarterly Report, our management, under the supervision and with the participation of our Principal Executive Officer and Principal Financial Officer, carried out an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures as of June 30, 2018. Based on this evaluation, our principal executive officer and principal financial officer concluded that our disclosure controls and procedures were effective as of June 30, 2018.

Changes in Internal Control Over Financial Reporting

There have been no changes in our internal control over financial reporting (as defined in Rule 13a-15(f) and 15d-15(f) of the Exchange Act) during the quarter ended June 30, 2018 that have materially affected, or are reasonably likely to materially affect our internal control over financial reporting.

Table of Contents

PART II — OTHER INFORMATION

Item 1. Legal Proceedings.

We are party to the legal proceedings that are described in Note 10 to our condensed consolidated financial statements included in "Item 1. Financial Statements" of this Quarterly Report, and such disclosure is incorporated by reference into this "Item 1. Legal Proceedings." In addition to the foregoing, we and our subsidiaries are named defendants in certain other ordinary routine lawsuits incidental to our business and are involved from time to time as parties to governmental proceedings, all arising in the ordinary course of business. Although the outcome of lawsuits or other proceedings involving us and our subsidiaries cannot be predicted with certainty, and the amount of any liability that could arise with respect to such lawsuits or other proceedings cannot be predicted accurately, management does not currently expect the amount of any liability that could arise with respect to these matters, either individually or in the aggregate, to have a material adverse effect on our financial position, results of operations or cash flows.

Item 1A. Risk Factors.

There are numerous factors that affect our business and results of operations, many of which are beyond our control. In addition to other information set forth in this Quarterly Report, careful consideration should be given to "Item 1A. Risk Factors" in Part I and "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations" in Part II of our 2017 Annual Report, which contain descriptions of significant factors that might cause the actual results of operations in future periods to differ materially from those currently expected or desired. There have been no material changes in risk factors discussed in our 2017 Annual Report and subsequent SEC filings. The risks described in this Quarterly Report, our 2017 Annual Report and in our other SEC filings or press releases from time to time are not the only risks we face. Additional risks and uncertainties are currently deemed immaterial based on management's assessment of currently available information, which remains subject to change; however, new risks that are currently unknown to us may surface in the future that materially adversely affect our business, financial condition, results of operations or cash flows.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds.

Note 12 to our condensed consolidated financial statements included in this Quarterly Report includes a discussion of our share repurchase program and payment of quarterly dividends on our common stock.

During the quarter ended June 30, 2018, we had no repurchases of common shares. As of June 30, 2018, we have \$160.7 million of remaining capacity under our current share repurchase program. The following table sets forth the activity for each of the three months during the quarter ended June 30, 2018:

Period	Total Number of Shares Tendered	Average Price per Share	Total Number of Shares Purchased as Part of Publicly Announced Program	Maximum Number of Shares (or Approximate Dollar Value) That May Yet Be Purchased Under the Program (in millions)
April 1 - 30	6,651	(1)\$43.66	_	\$ 160.7
May 1 - 31	9,820	(2)43.65		160.7
June 1 - 30	389	(1)40.81		160.7
Total	16,860	\$43.59	_	

- (1) Shares tendered by employees to satisfy minimum tax withholding amounts for Restricted Shares.

 Represents 7,734 shares that were tendered by employees to satisfy minimum tax withholding amounts for Restricted Shares at an average price per share of \$43.54, and 2,086 shares purchased at a price of \$44.08 per share
- (2) by a rabbi trust that we established in connection with our director deferral plans, pursuant to which non-employee directors may elect to defer directors' quarterly cash compensation to be paid at a later date in the form of common stock.

Table of Contents

Item 3. Defaults Upon Senior Securities.

Not applicable.

Item 4. Mine Safety Disclosures.

Not applicable.

Item 5. Other Information.

None.

Item 6. Exhibits		
Exhibit No.	Description	
3.1	Restated Certificate of Incorporation of Flowserve Corporation (incorporated by reference to Exhibit 3.1 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended June 30, 2013).	
3.2	Flowserve Corporation By-Laws, as amended and restated effective May 18, 2017 (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K dated May 24, 2017).	
<u>31.1+</u>	Certification of Principal Executive Officer pursuant to Exchange Act Rules 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.	
<u>31.2+</u>	Certification of Principal Financial Officer pursuant to Exchange Act Rules 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.	
<u>32.1++</u>	Certification of Principal Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.	
<u>32.2++</u>	Certification of Principal Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.	
101.INS	XBRL Instance Document	
101.SCH	XBRL Taxonomy Extension Schema Document	
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document	
101.LAB	XBRL Taxonomy Extension Label Linkbase Document	
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document	
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document	

⁺ Filed herewith.

++ Furnished herewith.

Table of Contents

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

FLOWSERVE CORPORATION

Date: August 8, 2018/s/R. Scott Rowe

R. Scott Rowe

President and Chief Executive Officer

(Principal Executive Officer)

Date: August 8, 2018/s/ Lee S. Eckert

Lee S. Eckert

Senior Vice President and Chief Financial Officer

(Principal Financial and Accounting Officer)