

HUNTINGTON INGALLS INDUSTRIES, INC.

Form 10-Q

November 08, 2018

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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended September 30, 2018

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission file number 001-34910

HUNTINGTON INGALLS INDUSTRIES, INC.

(Exact name of registrant as specified in its charter)

DELAWARE

90-0607005

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

4101 Washington Avenue, Newport News, Virginia 23607

(Address of principal executive offices and zip code)

(757) 380-2000

(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. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted 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 such files). Yes No

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

Large accelerated filer Accelerated filer

Non-accelerated filer 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 No

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date.

As of November 2, 2018, 42,954,292 shares of the registrant's common stock were outstanding.

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HUNTINGTON INGALLS INDUSTRIES, INC.

PART I - FINANCIAL INFORMATION

Item 1. Financial Statements

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME (LOSS)
(UNAUDITED)

(in millions, except per share amounts)	Three Months		Nine Months	
	Ended		Ended	
	September 30		September 30	
	2018	2017	2018	2017
Sales and service revenues				
Product sales	\$1,547	\$1,391	\$4,416	\$4,088
Service revenues	536	472	1,561	1,357
Sales and service revenues	2,083	1,863	5,977	5,445
Cost of sales and service revenues				
Cost of product sales	1,159	1,064	3,369	3,152
Cost of service revenues	434	384	1,287	1,112
Income (loss) from operating investments, net	8	7	12	10
Other income and gains	—	—	14	—
General and administrative expenses	208	181	609	541
Operating income (loss)	290	241	738	650
Other income (expense)				
Interest expense	(14)	(18)	(44)	(53)
Non-operating retirement expense	19	(4)	56	(12)
Other, net	—	1	2	—
Earnings (loss) before income taxes	295	220	752	585
Federal and foreign income taxes	66	71	128	170
Net earnings (loss)	\$229	\$149	\$624	\$415
Basic earnings (loss) per share	\$5.29	\$3.28	\$14.15	\$9.06
Weighted-average common shares outstanding	43.3	45.4	44.1	45.8
Diluted earnings (loss) per share	\$5.29	\$3.27	\$14.15	\$9.04
Weighted-average diluted shares outstanding	43.3	45.5	44.1	45.9
Dividends declared per share	\$0.72	\$0.60	\$2.16	\$1.80
Net earnings (loss) from above	\$229	\$149	\$624	\$415
Other comprehensive income (loss)				
Change in unamortized benefit plan costs	20	(52)	61	(7)
Other	—	3	(2)	10
Tax benefit (expense) for items of other comprehensive income	(5)	19	(16)	(1)
Other comprehensive income (loss), net of tax	15	(30)	43	2
Comprehensive income (loss)	\$244	\$119	\$667	\$417

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

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HUNTINGTON INGALLS INDUSTRIES, INC.

CONDENSED CONSOLIDATED STATEMENTS OF FINANCIAL POSITION (UNAUDITED)

(\$ in millions)	September 30 2018	December 31 2017
Assets		
Current Assets		
Cash and cash equivalents	\$ 68	\$ 701
Accounts receivable, net of allowance for doubtful accounts of \$9 million as of 2018 and \$13 million as of 2017	472	429
Contract assets	1,039	759
Inventoried costs, net	180	183
Prepaid expenses and other current assets	100	123
Total current assets	1,859	2,195
Property, plant, and equipment, net of accumulated depreciation of \$1,796 million as of 2018 and \$1,770 million as of 2017	2,332	2,215
Goodwill	1,217	1,217
Other intangible assets, net of accumulated amortization of \$556 million as of 2018 and \$528 million as of 2017	480	508
Deferred tax assets	98	114
Miscellaneous other assets	213	125
Total assets	\$ 6,199	\$ 6,374
Liabilities and Stockholders' Equity		
Current Liabilities		
Trade accounts payable	\$ 407	\$ 375
Accrued employees' compensation	267	245
Current portion of postretirement plan liabilities	139	139
Current portion of workers' compensation liabilities	234	250
Contract liabilities	267	146
Other current liabilities	317	236
Total current liabilities	1,631	1,391
Long-term debt	1,282	1,279
Pension plan liabilities	436	922
Other postretirement plan liabilities	413	414
Workers' compensation liabilities	471	509
Other long-term liabilities	141	101
Total liabilities	4,374	4,616
Commitments and Contingencies (Note 15)		
Stockholders' Equity		
Common stock, \$0.01 par value; 150 million shares authorized; 53.1 million shares issued and 43.0 million shares outstanding as of September 30, 2018, and 53.0 million shares issued and 45.1 million shares outstanding as of December 31, 2017	1	1
Additional paid-in capital	1,944	1,942
Retained earnings (deficit)	2,434	1,687
Treasury stock	(1,484) (972
Accumulated other comprehensive income (loss)	(1,070) (900
Total stockholders' equity	1,825	1,758
Total liabilities and stockholders' equity	\$ 6,199	\$ 6,374

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

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HUNTINGTON INGALLS INDUSTRIES, INC.

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED)

	Nine Months Ended September 30	
(\$ in millions)	2018	2017
Operating Activities		
Net earnings (loss)	\$624	\$415
Adjustments to reconcile to net cash provided by (used in) operating activities		
Depreciation	129	123
Amortization of purchased intangibles	28	30
Amortization of debt issuance costs	3	4
Provision for doubtful accounts	(4)	10
Stock-based compensation	27	27
Deferred income taxes	(1)	26
Change in		
Contract balances	(192)	(121)
Inventoried costs	3	18
Prepaid expenses and other assets	5	12
Accounts payable and accruals	109	33
Retiree benefits	(468)	(198)
Other non-cash transactions, net	3	1
Net cash provided by (used in) operating activities	266	380
Investing Activities		
Capital expenditures		
Capital expenditure additions	(293)	(228)
Grant proceeds for capital expenditures	33	—
Acquisitions of businesses, net of cash received	—	3
Investment in affiliates	(10)	—
Proceeds from disposition of assets	3	9
Net cash provided by (used in) investing activities	(267)	(216)
Financing Activities		
Dividends paid	(95)	(82)
Repurchases of common stock	(512)	(247)
Employee taxes on certain share-based payment arrangements	(25)	(56)
Net cash provided by (used in) financing activities	(632)	(385)
Change in cash and cash equivalents	(633)	(221)
Cash and cash equivalents, beginning of period	701	720
Cash and cash equivalents, end of period	\$68	\$499
Supplemental Cash Flow Disclosure		
Cash paid for income taxes	\$77	\$173
Cash paid for interest	\$32	\$37
Non-Cash Investing and Financing Activities		
Capital expenditures accrued in accounts payable	\$7	\$3

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

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HUNTINGTON INGALLS INDUSTRIES, INC.

CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY (UNAUDITED)

Nine Months Ended September 30, 2018 and 2017 (\$ in millions)	Common Stock	Additional Paid-in Capital	Retained Earnings (Deficit)	Treasury Stock	Accumulated Other Comprehensive Income (Loss)	Total Stockholders' Equity
Balance as of December 31, 2016	\$ 1	\$ 1,964	\$ 1,323	\$(684)	\$ (951)	\$ 1,653
Net earnings (loss)	—	—	415	—	—	415
Dividends declared (\$1.80 per share)	—	—	(82)	—	—	(82)
Additional paid-in capital	—	(29)	—	—	—	(29)
Other comprehensive income (loss), net of tax	—	—	—	—	2	2
Treasury stock activity	—	—	—	(247)	—	(247)
Balance as of September 30, 2017	\$ 1	\$ 1,935	\$ 1,656	\$(931)	\$ (949)	\$ 1,712
Balance as of December 31, 2017	\$ 1	\$ 1,942	\$ 1,687	\$(972)	\$ (900)	\$ 1,758
Net earnings (loss)	—	—	624	—	—	624
Dividends declared (\$2.16 per share)	—	—	(95)	—	—	(95)
Additional paid-in capital	—	2	—	—	—	2
Other comprehensive income (loss), net of tax	—	—	—	—	43	43
Treasury stock activity	—	—	—	(512)	—	(512)
Effect of Accounting Standards Update 2014-09	—	—	5	—	—	5
Effect of Accounting Standards Update 2016-01	—	—	11	—	(11)	—
Effect of Accounting Standards Update 2018-02	—	—	202	—	(202)	—
Balance as of September 30, 2018	\$ 1	\$ 1,944	\$ 2,434	\$(1,484)	\$ (1,070)	\$ 1,825

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

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HUNTINGTON INGALLS INDUSTRIES, INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

1. DESCRIPTION OF BUSINESS

Huntington Ingalls Industries, Inc. ("HII" or the "Company") is one of America's largest military shipbuilding companies and a provider of professional services to partners in government and industry. HII is organized into three reportable segments: Ingalls Shipbuilding ("Ingalls"), Newport News Shipbuilding ("Newport News"), and Technical Solutions. For more than a century, the Company's Ingalls segment in Mississippi and Newport News segment in Virginia have built more ships in more ship classes than any other U.S. naval shipbuilder. The Technical Solutions segment provides a range of services to the governmental, energy, and oil and gas markets.

HII conducts most of its business with the U.S. Government, primarily the Department of Defense ("DoD"). As prime contractor, principal subcontractor, team member, or partner, the Company participates in many high-priority U.S. defense technology programs. Through its Ingalls segment, HII is a builder of amphibious assault and expeditionary ships for the U.S. Navy, the sole builder of National Security Cutters for the U.S. Coast Guard, and one of only two companies that builds the Navy's current fleet of Arleigh Burke class (DDG 51) destroyers. Through its Newport News segment, HII is the nation's sole designer, builder, and refueler of nuclear-powered aircraft carriers, and one of only two companies currently designing and building nuclear-powered submarines for the U.S. Navy. The Technical Solutions segment provides a wide range of professional services, including fleet support, mission driven innovative solutions ("MDIS"), nuclear and environmental, and oil and gas services.

2. BASIS OF PRESENTATION

Principles of Consolidation - The unaudited condensed consolidated financial statements of HII and its subsidiaries have been prepared in conformity with accounting principles generally accepted in the United States of America ("GAAP") and the instructions to Form 10-Q promulgated by the Securities and Exchange Commission ("SEC"). All intercompany transactions and balances are eliminated in consolidation. For classification of current assets and liabilities related to its long-term production contracts, the Company uses the duration of these contracts as its operating cycle, which is generally longer than one year. Additionally, certain prior year amounts have been reclassified to conform to the current year presentation. See Note 3: Accounting Standards Updates.

These unaudited condensed consolidated financial statements include all adjustments of a normal recurring nature considered necessary by management for a fair presentation of the unaudited condensed consolidated financial position, results of operations, and cash flows and should be read in conjunction with the Company's audited consolidated financial statements included in the Company's Annual Report on Form 10-K for the year ended December 31, 2017.

The quarterly information is labeled using a calendar convention; that is, first quarter is consistently labeled as ending on March 31, second quarter as ending on June 30, and third quarter as ending on September 30. It is management's long-standing practice to establish interim closing dates using a "fiscal" calendar, which requires the businesses to close their books on a Friday near these quarter-end dates in order to normalize the potentially disruptive effects of quarterly closings on business processes. The effects of this practice only exist for interim periods within a reporting year.

Accounting Estimates - The preparation of the Company's unaudited condensed consolidated financial statements requires management to make estimates and judgments that affect the reported amounts of assets and liabilities and the disclosure of contingencies at the date of the financial statements, as well as the reported amounts of revenues and expenses during the reporting period. Estimates have been prepared on the basis of the most current and best available

information, and actual results could differ materially from those estimates.

In August 2011, the Budget Control Act established limits on U.S. Government discretionary spending and provided for potential sequestration cuts to defense spending and non-defense discretionary spending. The Bipartisan Budget Act of 2018 (the "BBA 2018") provided sequestration relief for fiscal years 2018 and 2019. Sequestration remains in effect for fiscal years 2020 and 2021 and could result in significant decreases in DoD spending that could negatively impact the Company's consolidated financial position, results of operations, or cash flows, as well as its estimated recovery of goodwill and other long-lived assets.

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Revenue Recognition - Effective January 1, 2018, the Company adopted the requirements of Accounting Standards Update ("ASU") 2014-09, Revenue from Contracts with Customers (Topic 606) and related amendments. Prior to January 1, 2018, the Company recognized revenue in accordance with Accounting Standards Codification Topic 605-35 Construction-Type and Production-Type Contracts utilizing the cost-to-cost measure of the percentage-of-completion method of accounting, primarily based upon total costs incurred, with incentive fees included in sales when the amounts could be reasonably determined and estimated. Amounts representing change orders, claims, requests for equitable adjustment, or limitations of funding were included in sales only when they could be reliably estimated and realization was probable. For additional information on the new standard and the impact to the Company's results of operations, refer to Note 3: Accounting Standards Updates.

Most of the Company's revenues are derived from long-term contracts for the production of goods and services provided to its U.S. Government customers. The Company generally recognizes revenues on contracts with U.S. Government customers over time using a cost-to-cost measure of progress. The use of the cost-to-cost method to measure performance progress over time is supported by clauses in the related contracts that allow the customer to unilaterally terminate the contract for convenience, pay the Company for costs incurred plus a reasonable profit, and take control of any work in process. The Company utilizes the cost-to-cost method to measure performance progress, because it best reflects the continuous transfer of control over the related goods and services to the customer as the Company satisfies its performance obligations.

Where the customer is not a U.S. Government entity, the Company may recognize revenue over time or at a point in time when control transfers upon delivery, depending upon the facts and circumstances of the related arrangement. Where the Company determines that revenue should be recognized over time, the Company utilizes a measure of progress that best depicts the transfer of control of the relevant goods and services to the customer. Generally, the terms and conditions of the contracts result in a transfer of control over the related goods and services as the Company satisfies its performance obligations. Accordingly, the Company recognizes revenue over time using the cost-to-cost method to measure performance progress. The Company may, however, utilize a measure of progress other than cost-to-cost, such as a labor-based measure of progress, or recognize revenue at the point in time at which control is transferred to the customer if the terms and conditions of the arrangement require such accounting.

When using the cost-to-cost method to measure performance progress, certain contracts may include costs that are not representative of performance progress, such as large upfront purchases of uninstalled materials, unexpected waste, or inefficiencies. In these cases, the Company adjusts its measure of progress to exclude such costs, with the goal of better reflecting the transfer of control over the related goods or services to the customer and recognizing revenue only to the extent of the costs incurred that reflect the Company's performance under the contract.

A performance obligation is a promise to transfer a distinct good or service to the customer and is the unit of account for which revenue is recognized. To determine the proper revenue recognition method, consideration is given to whether two or more contracts should be combined and accounted for as one contract and whether a single contract consists of more than one performance obligation. For contracts with multiple performance obligations, the contract transaction price is allocated to each performance obligation using an estimate of the standalone selling price based upon expected cost plus a margin at contract inception, which is generally the price disclosed in the contract. Contracts are often modified to account for changes in contract specifications and requirements. In the majority of circumstances, modifications do not result in additional performance obligations that are distinct from the existing performance obligations in the contract and the effects of the modifications are recognized as an adjustment to revenue on a cumulative catch-up basis. Alternatively, in instances where the performance obligations in the modifications are deemed distinct, contract modifications are accounted for prospectively.

The amount of revenue recognized as the Company satisfies performance obligations associated with contracts with customers is based upon the determination of transaction price. Transaction price reflects the amount of consideration

to which the Company expects to be entitled for performance under the terms and conditions of the relevant contract and may reflect fixed and variable components, including shareline incentive fees whereby the value of the contract is variable based upon the amount of costs incurred, as well as other incentive fees based upon achievement of contractual schedule commitments or other specified criteria in the contract. Shareline incentive fees are determined based upon the formula under the relevant contract using the Company's estimated cost to complete each period. The Company generally utilizes a most likely amount approach to estimate variable

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consideration. In all such instances, the estimated revenues represent those amounts for which the Company believes a significant reversal of revenue is not probable.

Contract Estimates - In estimating contract costs, the Company utilizes a profit-booking rate based upon performance expectations that takes into consideration a number of assumptions and estimates regarding risks related to technical requirements, feasibility, schedule, and contract costs. Management performs periodic reviews of the contracts to evaluate the underlying risks, which may increase the profit-booking rate as the Company is able to mitigate and retire such risks. Conversely, if the Company is not able to retire these risks, cost estimates may increase, resulting in a lower profit-booking rate.

The cost estimation process requires significant judgment and is based upon the professional knowledge and experience of the Company's engineers, program managers, and financial professionals. Factors considered in estimating the work to be completed and ultimate contract recovery include the availability, productivity, and cost of labor, the nature and complexity of the work to be performed, the effect of change orders, the availability of materials, the effect of any performance delays, the availability and timing of funding from the customer, and the recoverability of any claims included in the estimates to complete.

Changes in estimates of sales, costs, and profits on a performance obligation are recognized using the cumulative catch-up method of accounting, which recognizes in the current period the cumulative effect of the changes in current and prior periods. A significant change in an estimate on one or more contracts in a period could have a material effect on the Company's unaudited condensed consolidated financial position or results of operations for that period.

When estimates of total costs to be incurred exceed estimates of total revenue to be earned on a performance obligation related to a complex, construction-type contract, a provision for the entire loss on the performance obligation is recognized in the period the loss is determined.

Accounts Receivable - Accounts receivable include amounts related to any unconditional Company right to receive consideration and are presented as receivables in the unaudited condensed consolidated statement of financial position, separate from other contract balances. Accounts receivable are comprised of amounts billed and currently due from customers. The Company reports accounts receivable net of an allowance for doubtful accounts. Because the Company's accounts receivable are primarily with the U.S. Government or with companies acting as a contractor to the U.S. Government, the Company does not have material exposure to accounts receivable credit risk.

Contract Assets - Contract assets primarily relate to the Company's rights to consideration for work completed but not billed as of the reporting date when the right to payment is not just subject to the passage of time, including retention amounts. Contract assets are classified as current assets and, in accordance with industry practice, include amounts that may be billed and collected beyond one year due to the long term nature of many of the Company's contracts. Contract assets are transferred to accounts receivable when the right to consideration becomes unconditional.

Contract Liabilities - Contract liabilities are comprised of advance payments, billings in excess of revenues, and deferred revenue amounts. Such advances are generally not considered a significant financing component, because they are utilized to pay for contract costs within a one year period. Contract liability amounts are recognized as revenue once the requisite performance progress has occurred.

Inventoried Costs - Inventoried costs primarily relate to company owned raw materials, which are stated at the lower of cost or net realizable value, generally using the average cost method, and costs capitalized pursuant to applicable provisions of the Federal Acquisition Regulation ("FAR") and Cost Accounting Standards ("CAS"). Under the Company's U.S. Government contracts, the customer asserts title to, or a security interest in, inventories related to such contracts as a result of contract advances, performance-based payments, and progress payments. In accordance

with industry practice, inventoried costs are classified as current assets and include amounts related to contracts having production cycles longer than one year.

Warranty Costs - Certain of the Company's contracts contain assurance-type warranty provisions, which generally promise that the service or vessel will comply with agreed upon specifications. In such instances, the Company accrues the estimated loss by a charge to income in the relevant period. In limited circumstances, the Company's complex construction type contracts may provide the customer with an option to purchase a warranty or provide an

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extended assurance service coupled with the primary assurance warranty. In such cases, the Company accounts for the warranty as a separate performance obligation to the extent it is material within the context of the contract. Warranty liabilities are reported within other current liabilities and are not material.

Government Grants - The Company recognizes incentive grants, inclusive of transfers of depreciable assets, from federal, state, and local governments at fair value upon compliance with the conditions of their receipt and reasonable assurance that the grants will be received or the depreciable assets will be transferred. Grants in recognition of specific expenses are recognized in the same period as an offset to those related expenses. Grants related to depreciable assets are recognized over the periods and in the proportions in which depreciation expense on those assets is recognized.

For the nine months ended September 30, 2018, the Company recognized cash grant benefits of approximately \$33 million in other long-term liabilities in the unaudited condensed consolidated statements of financial position. For the nine months ended September 30, 2017, the Company recognized no grant benefits.

Fair Value of Financial Instruments - Except for the Company's long-term debt, the carrying amounts of the Company's financial instruments recorded at historical cost approximate fair value due to the short-term nature of the instruments and low credit risk associated with the respective counterparties.

The Company maintains multiple grantor trusts established to fund certain non-qualified pension plans. These trusts were valued at \$112 million and \$94 million as of September 30, 2018, and December 31, 2017, respectively, and are presented within miscellaneous other assets within the unaudited condensed consolidated statements of financial position. These trusts consist primarily of available-for-sale investments in marketable securities, which are held at fair value within Level 1 of the fair value hierarchy.

Related Party Transactions - On March 29, 2011, HII entered into a Separation and Distribution Agreement (the "Separation Agreement") with its former parent company, Northrop Grumman Corporation ("Northrop Grumman"), and Northrop Grumman's subsidiaries (Northrop Grumman Shipbuilding, Inc. and Northrop Grumman Systems Corporation), pursuant to which HII was legally and structurally separated from Northrop Grumman. As of December 31, 2017, the Company was due \$8 million from Northrop Grumman under spin-off related agreements. For the nine months ended September 30, 2018, the Company received \$8 million from Northrop Grumman under spin-off related agreements. As of each of September 30, 2018, and December 31, 2017, the Company had \$84 million outstanding under Industrial Revenue Bonds issued by the Mississippi Business Finance Corporation. Prior to the spin-off, repayment of principal and interest was guaranteed by Northrop Grumman Systems Corporation. The guaranty remains in effect, and the Company has agreed to indemnify Northrop Grumman Systems Corporation for any losses related to the guaranty.

3. ACCOUNTING STANDARDS UPDATES

Effective January 1, 2018, the Company adopted the requirements of ASU 2014-09, "Revenue from Contracts with Customers (Topic 606)," and related amendments, which provide a single revenue recognition model under which the Company should recognize revenue to portray the transfer of promised goods or service in a manner reflective of the consideration the Company is entitled to receive in exchange for those goods or services. The Company used the modified retrospective method and related practical expedient in its application of the new standard to those contracts that were not completed as of January 1, 2018, and reflected the cumulative effect of changes in the opening balance of retained earnings. Results for reporting periods beginning after January 1, 2018, were presented under Topic 606, while prior period amounts were not adjusted and were reported in accordance with the Company's historic accounting practices under Topic 605.

The adoption of Topic 606 did not have a significant impact on the Company's unaudited condensed consolidated financial statements, contracting and accounting processes, internal controls, or information technology systems. For the consolidated statements of operations and comprehensive income (loss), the new standard supports the recognition of revenue over time under the cost-to-cost input method, which is consistent with the Company's previous revenue recognition model for a substantial majority of its contracts. The most significant impact of the new standard was the modification and expansion of the Company's disclosures as they relate to revenues and contract balances. Pre-contract fulfillment costs requiring capitalization are not material.

On the Company's unaudited condensed consolidated statements of financial position, contract assets and liabilities are reported in a net position on a contract-by-contract basis at the end of each reporting period. The

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application of the new standard is materially consistent with the Company's previous accounting policies related to contract balances. In accordance with the new standard, unbilled accounts receivable were reclassified as contract assets and advance payments and billings in excess of revenue were reclassified as contract liabilities as of September 30, 2018, and December 31, 2017, none of which resulted in a change to total current assets or total current liabilities. As part of the transition, the Company also classified in contract assets approximately \$64 million of retention amounts arising from contractual provisions, since the right to collect is based on certain conditions other than the passage of time. These retention amounts were previously reported within billed accounts receivable. Under Topic 605, the Company included warranty costs specified in a contract as contract costs. Under Topic 606, assurance-type warranty costs are not deemed to be part of a performance obligation and, therefore, are included within warranty liabilities, which are not material.

The adoption of Topic 606 resulted in a cumulative increase to retained earnings of \$5 million, net of \$1 million tax expense, as of January 1, 2018, driven by changes in contract assets and warranty liabilities. For the three months ended September 30, 2018, product sales and operating income decreased by \$5 million, net earnings decreased by \$4 million, and diluted earnings per share decreased by \$0.08, due to the adoption of Topic 606. For the nine months ended September 30, 2018, product sales and operating income decreased by \$4 million, net earnings decreased by \$3 million, and diluted earnings per share decreased by \$0.07, due to the adoption of Topic 606.

In January 2016, the FASB issued ASU 2016-01, "Financial Instruments-Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities," relating to the recognition and measurement of financial assets and liabilities, with further clarifications made in February 2018 with the issuance of ASU 2018-03. The amended guidance requires certain equity investments that are not consolidated and not accounted for under the equity method to be measured at fair value, with changes in fair value recognized in net income rather than as a component of accumulated other comprehensive income (loss). The Company adopted this amended guidance on January 1, 2018, using a prospective transition approach, which did not have a significant impact on the Company's unaudited condensed consolidated financial statements.

In February 2016, the FASB issued ASU 2016-02, "Leases (Topic 842)," which establishes a right-of-use model that requires a lessee to record the right-of-use asset and a lease liability on the balance sheet for all leases with terms longer than 12 months. Additional qualitative and quantitative disclosures will be required. ASU 2016-02 will be effective for the Company beginning with the first quarter of 2019. In July 2018, the FASB approved an optional transition method, which the Company plans to elect, that allows companies to use a cumulative-effect adjustment to the opening balance of retained earnings in the period of adoption.

The Company continues to execute its implementation plan for Topic 842. The Company has completed a scoping assessment of leasing arrangements and service agreements. The Company has evaluated the impact of applying the practical expedients of the new standard and expects to adopt the full package of practical expedients. The Company has also completed an assessment to identify functional areas impacted by ASU 2016-02, and is in the process of defining new business processes and controls to support the adoption of the new standard. The Company is in the test phase for its implementation of software that will assist in the recognition of additional assets and liabilities related to leases currently classified as operating leases with durations greater than 12 months to be included on the consolidated statements of financial position.

The Company anticipates the adoption of this new standard will result in an increase in lease-related assets and liabilities on the Company's consolidated statements of financial position, but does not anticipate any material changes to operating results as a result of recording right-of-use assets and corresponding lease liabilities.

In January 2018, the FASB issued ASU 2018-01 Leases, "Land Easement Practical Expedient," which permits entities to forgo the evaluation of existing land easement arrangements to determine if they contain a lease as part of the adoption of ASU 2016-02 issued in February 2016. Accordingly, the Company's accounting treatment of any existing land easement arrangements will not change. The Company will adopt this standard update concurrently with ASU

2016-02.

In March 2017, the FASB issued ASU 2017-07, "Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost." The update requires employers to present the service cost component of the net periodic benefit cost in the same income statement line item as other employee compensation costs arising from services rendered during the period. The other components of net benefit cost, including interest cost, expected return on plan assets, amortization of prior service cost/credit and actuarial gain/loss, and settlement and curtailment effects, are presented outside of any subtotal of operating income. Employers

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are required to disclose the line(s) used to present the other components of net periodic benefit cost, if the components are not presented separately in the income statement. ASU 2017-07 became effective for fiscal years and interim periods beginning after December 15, 2017.

The Company adopted ASU 2017-07 on January 1, 2018, using the retrospective method, which changed the FAS/CAS Adjustment within operating income, offset by a corresponding change in other income (expense), as a result of reclassifying interest cost, expected return on plan assets, amortization of prior service cost/credit and actuarial gain/loss, and settlement and curtailment effects of net periodic benefit expense. Additionally, the remaining FAS/CAS Adjustment within operating income was reclassified from general and administrative expenses to cost of product sales and service revenues. The adoption of ASU 2017-07 did not have a material impact on the Company's unaudited condensed consolidated statements of financial position, cash flows, accounting processes, or internal controls.

The following table is a schedule of the impact of adoption of ASU 2017-07 for the three and nine months ended September 30, 2017. The Company has reclassified the following line items on its previously issued consolidated financial statements to conform to the current year presentation.

	As Previously Reported		As Presented	
	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017
(in millions)				
Cost of product sales	\$1,105	\$ 3,279	\$1,064	\$ 3,152
Cost of service revenues	\$393	\$ 1,141	\$384	\$ 1,112
General and administrative expenses	\$135	\$ 397	\$181	\$ 541
Operating income (loss)	\$237	\$ 638	\$241	\$ 650
Non-operating retirement expense	\$—	\$ —	\$(4)	\$(12)

In February 2018, the FASB issued ASU 2018-02, "Income Statement-Reporting Comprehensive Income (Topic 220), Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income," which provides for the reclassification from accumulated other comprehensive income to retained earnings of stranded tax effects resulting from the Tax Cuts and Jobs Act (the "Tax Act"). This update is effective for all entities for fiscal years beginning after December 15, 2018, and interim periods within those fiscal years, and early adoption is permitted. Effective January 1, 2018, the Company early adopted the amendments in this update prospectively and, accordingly, reclassified the income tax effects of the Tax Act from accumulated other comprehensive income to retained earnings. See Note 12: Income Taxes, for further disclosure.

In June 2018, the FASB issued ASU 2018-08, "Not-For-Profit Entities (Topic 958): Clarifying the Scope and the Accounting Guidance for Contributions Received and Contributions Made," which assists entities in evaluating the nature and accounting treatment of contributions received. The update applies to business entities that receive contributions of cash or other assets, but does not apply to transfers of assets from government entities to business entities. This standard is effective for annual reporting periods beginning after December 15, 2018. The update should be applied on a modified prospective basis. The Company is currently evaluating the impact of ASU 2018-08 on its consolidated financial statements and disclosures, accounting processes, or internal controls related to periodic government grants received as reimbursements of costs or related to depreciable assets.

In August 2018, the FASB issued ASU 2018-13, "Changes to the Disclosure Requirements for Fair Value Measurement," which changes the fair value measurement disclosure requirements of ASC 820. The update includes changes to disclosures regarding valuation techniques and inputs, uncertainty, judgments, and assumptions in fair value measurements, and how changes in fair value measurements affect performance and cash flows. The update is effective for annual reporting periods beginning after December 15, 2019, including interim periods therein. Early adoption is permitted for any eliminated or modified disclosures. The Company is currently evaluating the impact of ASU 2018-13 on its consolidated financial statements and disclosures, accounting processes, and internal controls.

In August 2018, the FASB issued ASU 2018-14, "Changes to the Disclosure Requirements for Defined Benefit Plans," which reduces disclosure requirements of Subtopic 715-20 and requires additional disclosure related to

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weighted-average interest crediting rates and significant gains and losses related to changes in the benefit obligation for the reporting period. The update is effective on a retrospective basis for fiscal years ending after December 15, 2020, with early adoption allowed. The Company is currently evaluating the impact of ASU 2018-14 on its consolidated financial statements and disclosures, accounting processes, and internal controls.

In August 2018, the SEC issued a final rule that amends certain disclosure requirements it considers redundant, outdated, or superseded, including disclosures related to ratio of fixed charges, changes in stockholders' equity, dividends, and market price information. The final rule is effective 30 days after its publication in the Federal Register. The Company is currently evaluating the impact of the final rule on its consolidated financial statements and disclosures, accounting processes, and internal controls.

Other accounting pronouncements issued but not effective until after December 31, 2018, are not expected to have a material impact on the Company's consolidated financial position, results of operations, or cash flows.

4. AVONDALE

In 2010, plans were announced to consolidate the Company's Ingalls shipbuilding operations by winding down shipbuilding at the Avondale, Louisiana facility in 2013 after completion of LPD-class ships that were under construction at this facility. In October 2014, the Company ceased shipbuilding construction operations at the Avondale facility.

In connection with and as a result of the decision to wind down shipbuilding at the Avondale facility, the Company began incurring and paying related costs, including, but not limited to, severance expense, relocation expense, and asset write-downs related to the Avondale facilities. Pursuant to applicable provisions of the FAR and Cost Accounting Standards for the treatment of restructuring and shutdown related costs, the Company began amortizing the deferred costs over a five year period in 2014, when the Company ceased shipbuilding construction operations at the Avondale facility.

The Company engaged in communications and negotiations with the U.S. Government beginning in 2010 regarding the amount and recovery of the Company's restructuring and shutdown costs. On November 16, 2017, the U.S. Government and the Company reached a settlement of the Company's claim for restructuring costs. Under the terms of the settlement, \$251 million is being treated as allowable costs. Any future gain or loss associated with disposition of the land, facilities, and capital assets located at Avondale was excluded from the settlement and will be recorded by the Company at the time of disposition. The settlement was consistent with management's cost recovery expectations and did not have a material effect on the Company's consolidated financial position or results of operations. The Company anticipates that a majority of these restructuring and shutdown related costs will be billed to the U.S. Government and collected by the end of 2018.

As of September 30, 2018, Avondale assets held for sale totaled \$41 million and are presented within prepaid expenses and other current assets in the unaudited condensed consolidated statements of financial position. In October 2018, the Company completed the sale of the Avondale facility. In addition to cash proceeds, the Company financed a portion of the transaction over a nine year period, resulting in a net gain of \$7 million to be recognized in the fourth quarter of 2018.

5. GULFPORT

In September 2013, the Company announced the closure of its Gulfport Composite Center of Excellence in Gulfport, Mississippi, part of the Ingalls reportable segment, which it completed in August 2014. In connection with this closure, the Company incurred total costs of \$54 million, consisting of \$52 million in accelerated depreciation of fixed

assets and \$2 million in personnel, facility shutdown, and other related costs. In March 2015, the Company sold the Gulfport Composite Center of Excellence to the Mississippi State Port Authority for \$32 million, resulting in a gain on disposition of \$9 million, recorded as a reduction to contract costs in accordance with the terms of the Company's contracts with the U.S. Government.

The Company has received communications from the Supervisor of Shipbuilding questioning the Company's treatment and proposed allocation of the Gulfport closure costs. The Company has responded to such communications with the position that its proposed accounting and allocation of the closure costs complies with applicable law, and the Company and the U.S. Government remain in discussions about the proper accounting and allocation of such costs. While the Company anticipates a resolution that is substantially in accordance with

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management's cost recovery expectations, any inability to recover such costs substantially in accordance with the Company's cost recovery expectations could result in a material effect on the Company's consolidated financial position, results of operations, or cash flows.

6. STOCKHOLDERS' EQUITY

Treasury Stock - On November 7, 2017, the Company's board of directors authorized an increase in the Company's stock repurchase program from \$1.2 billion to \$2.2 billion and an extension of the term of the program to October 31, 2022. Repurchases are made from time to time at management's discretion in accordance with applicable federal securities laws. For the nine months ended September 30, 2018, the Company repurchased 2,217,629 shares at an aggregate cost of \$512 million, of which approximately \$2 million was not yet settled for cash as of September 30, 2018. For the nine months ended September 30, 2017, the Company also settled for cash \$2 million of shares repurchased in the prior year. For the nine months ended September 30, 2017, the Company repurchased 1,244,105 shares at an aggregate cost of \$247 million. The cost of purchased shares is recorded as treasury stock in the unaudited condensed consolidated statements of financial position and the unaudited condensed consolidated statements of changes in equity.

Dividends - The Company declared cash dividends per share of \$0.72 and \$0.60 for the three months ended September 30, 2018 and 2017, respectively. The Company declared cash dividends per share of \$2.16 and \$1.80 for the nine months ended September 30, 2018 and 2017, respectively. The Company paid cash dividends totaling \$95 million and \$82 million for the nine months ended September 30, 2018 and 2017, respectively.

Accumulated Other Comprehensive Income (Loss) - Other comprehensive income (loss) refers to gains and losses recorded as an element of stockholders' equity but excluded from net earnings (loss). The accumulated other comprehensive loss as of September 30, 2018, was comprised of unamortized benefit plan costs of \$1,065 million and other comprehensive loss items of \$5 million. The accumulated other comprehensive loss as of December 31, 2017, was comprised of unamortized benefit plan costs of \$906 million and other comprehensive income items of \$6 million.

The changes in accumulated other comprehensive income (loss) by component for the three and nine months ended September 30, 2018 and 2017, were as follows:

(\$ in millions)	Benefit Plans	Other	Total
Balance as of June 30, 2017	\$(921)	\$ 2	\$(919)
Other comprehensive income (loss) before reclassifications	(76)	3	(73)
Amounts reclassified from accumulated other comprehensive income (loss)			
Amortization of net actuarial loss (gain) ¹	24	—	24
Tax benefit (expense) for items of other comprehensive income	20	(1)	19
Net current period other comprehensive income (loss)	(32)	2	(30)
Balance as of September 30, 2017	(953)	4	(949)
Balance as of June 30, 2018	(1,080)	(5)	(1,085)
Other comprehensive income (loss) before reclassifications	—	—	—
Amounts reclassified from accumulated other comprehensive income (loss)			
Amortization of prior service cost (credit) ¹	1	—	1
Amortization of net actuarial loss (gain) ¹	19	—	19
Tax benefit (expense) for items of other comprehensive income	(5)	—	(5)
Net current period other comprehensive income (loss)	15	—	15
Balance as of September 30, 2018	\$(1,065)	\$ (5)	\$(1,070)

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(\$ in millions)	Benefit Plans	Other	Total
Balance as of December 31, 2016	\$(948)	\$ (3)	\$(951)
Other comprehensive income (loss) before reclassifications	(76)	10	(66)
Amounts reclassified from accumulated other comprehensive income (loss)			
Amortization of prior service cost (credit) ¹	(1)	—	(1)
Amortization of net actuarial loss (gain) ¹	70	—	70
Tax benefit (expense) for items of other comprehensive income	2	(3)	(1)
Net current period other comprehensive income (loss)	(5)	7	2
Balance as of September 30, 2017	(953)	4	(949)
Balance as of December 31, 2017	(906)	6	(900)
Other comprehensive income (loss) before reclassifications	—	(2)	(2)
Amounts reclassified from accumulated other comprehensive income (loss)			
Amortization of prior service cost (credit) ¹	2	—	2
Amortization of net actuarial loss (gain) ¹	59	—	59
Tax benefit (expense) for items of other comprehensive income	(16)	—	(16)
Net current period other comprehensive income (loss)	45	(2)	43
Effect of Accounting Standards Update 2016-01 ²	—	(11)	(11)
Effect of Accounting Standards Update 2018-02 ³	(204)	2	(202)
Balance as of September 30, 2018	\$(1,065)	\$ (5)	\$(1,070)

¹ These accumulated comprehensive income (loss) components are included in the computation of net periodic benefit cost. See Note 16: Employee Pension and Other Postretirement Benefits. The tax benefit associated with amounts reclassified from accumulated other comprehensive income (loss) for the three months ended September 30, 2018 and 2017, was \$5 million and \$9 million, respectively. The tax benefit associated with amounts reclassified from accumulated other comprehensive income (loss) for the nine months ended September 30, 2018 and 2017, was \$16 million and \$27 million, respectively.

² The Company adopted ASU 2016-01 as of January 1, 2018. Accordingly, accumulated other comprehensive income of \$11 million related to available-for-sale securities, net of \$4 million tax expense, was reclassified to retained earnings.

³ The Company adopted ASU 2018-02 as of January 1, 2018. Accordingly, stranded tax effects of \$202 million related to the Tax Act were reclassified to retained earnings.

7. EARNINGS PER SHARE

Basic and diluted earnings per common share were calculated as follows:

(in millions, except per share amounts)	Three Months Ended September 30		Nine Months Ended September 30	
	2018	2017	2018	2017
Net earnings (loss)	\$229	\$149	\$624	\$415
Weighted-average common shares outstanding	43.3	45.4	44.1	45.8
Net dilutive effect of stock options and awards	—	0.1	—	0.1
Dilutive weighted-average common shares outstanding	43.3	45.5	44.1	45.9
Earnings (loss) per share - basic	\$5.29	\$3.28	\$14.15	\$9.06

Earnings (loss) per share - diluted	\$5.29	\$3.27	\$14.15	\$9.04
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Under the treasury stock method, the Company has excluded from the diluted share amounts presented above the effects of 0.3 million Restricted Performance Stock Rights ("RPSRs") for the three and nine months ended September 30, 2018. The Company has excluded from diluted share amounts presented above the effects of 0.3 million RPSRs for the three and nine months ended September 30, 2017.

8. REVENUE

The following is a description of principal activities from which the Company generates its revenues. For more detailed information regarding reportable segments, see Note 9: Segment Information. For more detailed information regarding the Company's significant accounting policy for revenue, see Note 2: Basis of Presentation.

U.S. Government Contracts

The Ingalls and Newport News segments generate revenue primarily from performance under multi-year contracts with the U.S. Government, generally the U.S. Navy and U.S. Coast Guard, or prime contractors to contracts with the U.S. Government, relating to the advance planning, design, construction, repair, maintenance, refueling, overhaul, or inactivation of nuclear-powered ships and non-nuclear ships. The period over which the Company performs may extend past five years. The Technical Solutions segment also generates the majority of its revenue from contracts with the U.S. Government, including U.S. Government agencies. The Company generally invoices and receives related payments based upon performance progress no less frequently than monthly.

Shipbuilding - For most of the Company's shipbuilding contracts, the customer contracts with the Company to provide a comprehensive service of designing, procuring long-lead-time materials, manufacturing, and integrating complex equipment and technologies into a single ship or project, often resulting in a single performance obligation. Contract modifications to account for changes in specifications and requirements are recognized when approved by the customer. In the majority of circumstances, modifications do not result in additional performance obligations that are distinct from the existing performance obligations in the contract and the effects of the modifications are recognized as an adjustment to revenue on a cumulative catch-up basis. Alternatively, in instances where the performance obligations in the modifications are deemed distinct, contract modifications are accounted for prospectively.

The Company considers incentive and award fees to be variable consideration and includes in the transaction price at inception the consideration to which the Company expects to be entitled under the terms and conditions of the contract, generally estimated using a most likely amount approach. Transaction price is limited to the extent of funding allotted by the customer and available for performance, and estimated revenues represent those amounts for which the Company believes a significant reversal of revenue is not probable.

The Company recognizes revenues related to shipbuilding contracts as it satisfies the related performance obligations over time using a cost-to-cost input method to measure performance progress, which best reflects the transfer of control to the customer.

Services - The Technical Solutions segment generates revenue primarily under U.S. Government contracts from the provision of fleet support and MDIS services. Contracts generally are structured using either an Indefinite Delivery/Indefinite Quantity ("IDIQ") vehicle, under which orders are issued, or a standalone contract. Contracts may be fixed-price or cost-type, include variable consideration such as incentives and awards, and structured as task orders under an IDIQ contract vehicle or requirements contract vehicle. In either case, the Company generally performs over the course of a short-duration period and may continue to perform upon exercise of related period of performance options that are also short in duration, generally one year. The Company's performance obligations vary in nature and may be stand-ready, in which case the Company responds to the customer's needs on the basis of its demand, a

recurring service, in the case of recurring maintenance services, or a single performance obligation that does not comprise a series of distinct services.

In determining transaction price, the Company considers incentives and other contingencies to be variable consideration and includes in the initial transaction price the consideration to which the Company expects to be entitled under the terms and conditions of the contract, generally estimated using a most likely amount approach. Transaction price is limited to the extent of funding allotted by the customer and available for performance, and estimated revenues represent those amounts for which the Company believes a significant reversal of revenue is not probable. Where a series of distinct services has been identified, the Company generally allocates variable

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consideration to distinct time increments of service.

The Company generally recognizes revenue as it satisfies the related performance obligations over time using a cost-to-cost input method to measure performance progress, because, even where the Company has identified a series of services, its cost incurrence pattern generally is not ratable given the complex nature of the services the Company provides. Invoices are issued and related payments are received, on the basis of performance progress, no less frequently than monthly. In addition, many of the Company's U.S. Government services contracts are time and material arrangements. As a result, the Company often utilizes the practical expedient allowing the recognition of revenue in the amount the Company invoices, which corresponds with the value provided to the customer and to which the Company is entitled to payment for performance to date.

Non-U.S. Government Contracts

Revenues generated under commercial and state and local government agency contracts are primarily derived from the provision of nuclear and environmental and oil and gas services. Non-U.S. Government contracts typically are one or two years in duration.

In determining transaction price, the Company considers incentives and other contingencies to be variable consideration and includes in the initial transaction price the consideration to which the Company expects to be entitled under the terms and conditions of the contract, generally estimated using a most likely amount approach. In the context of variable consideration, the Company limits the transaction price to amounts for which the Company believes a significant reversal of revenue is not probable. Such amounts may relate to transaction price in excess of funding, a lack of history with the customer, a lack of history with the goods or services being provided, or other items.

Revenue generally is recognized over time given the terms and conditions of the related contracts. The Company generally utilizes a cost-to-cost input method to measure performance progress, which best depicts the transfer of control to the customer. The Company's non-U.S. Government contract portfolio is comprised of a large number of time and material arrangements. As a result, the Company often utilizes the practical expedient allowing the recognition of revenue in the amount the Company invoices, which corresponds with the value provided to the customer and to which the Company is entitled to payment for performance to date.

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Disaggregation of Revenue

The following tables present revenues on a disaggregated basis, in a manner that reconciles with the Company's reportable segment disclosures, for the following categories: product versus service type, customer type, contract type, and major program. See Note 9: Segment Information. The Company believes that this level of disaggregation provides investors with information to evaluate the Company's financial performance and provides the Company with information to make capital allocation decisions in the most appropriate manner.

Three Months Ended September 30, 2018

(\$ in millions)	Ingalls	Newport News	Technical Solutions	Intersegment Eliminations	Total
Revenue Type					
Product sales	\$636	\$ 891	\$ 20	\$ —	\$1,547
Service revenues	56	286	194	—	536
Intersegment	2	2	31	(35)	—
Sales and service revenues	\$694	\$ 1,179	\$ 245	\$ (35)	\$2,083
Customer Type					
Federal	\$692	\$ 1,177	\$ 155	\$ —	\$2,024
Commercial	—	—	59	—	59
Intersegment	2	2	31	(35)	—
Sales and service revenues	\$694	\$ 1,179	\$ 245	\$ (35)	\$2,083
Contract Type					
Firm fixed-price	\$31	\$ 2	\$ 33	\$ —	\$66
Fixed-price incentive	569	472	—	—	1,041
Cost-type	92	703	90	—	885
Time and materials	—	—	91	—	91
Intersegment	2	2	31	(35)	—
Sales and service revenues	\$694	\$ 1,179	\$ 245	\$ (35)	\$2,083

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(\$ in millions)	Nine Months Ended September 30, 2018				
	Ingalls	Newport News	Technical Solutions	Intersegment Eliminations	Total
Revenue Type					
Product sales	\$ 1,747	\$ 2,616	\$ 53	\$ —	\$ 4,416
Service revenues	159	823	579	—	1,561
Intersegment	2	5	89	(96)	—
Sales and service revenues	\$ 1,908	\$ 3,444	\$ 721	\$ (96)	\$ 5,977
Customer Type					
Federal	\$ 1,906	\$ 3,439	\$ 447	\$ —	\$ 5,792
Commercial	—	—	184	—	184
State and local government agencies	—	—	1	—	1
Intersegment	2	5	89	(96)	—
Sales and service revenues	\$ 1,908	\$ 3,444	\$ 721	\$ (96)	\$ 5,977
Contract Type					
Firm fixed-price	\$ 73	\$ 6	\$ 114	\$ —	\$ 193
Fixed-price incentive	1,583	1,369	1	—	2,953
Cost-type	250	2,064	275	—	2,589
Time and materials	—	—	242	—	242
Intersegment	2	5	89	(96)	—
Sales and service revenues	\$ 1,908	\$ 3,444	\$ 721	\$ (96)	\$ 5,977
		Three Months Ended September 30 2018	Nine Months Ended September 30 2018		
(\$ in millions)					
Major Programs					
Amphibious assault ships		\$ 356	\$ 971		
Surface combatants and coast guard cutters		336	934		
Other		2	3		
Total Ingalls		694	1,908		
Aircraft carriers		647	1,888		
Submarines		369	1,114		
Other		163	442		
Total Newport News		1,179	3,444		
Government and energy services		194	589		
Oil and gas services		51	132		
Total Technical Solutions		245	721		
Intersegment eliminations		(35)	(96)		
Sales and service revenues		\$ 2,083	\$ 5,977		

As of September 30, 2018, the Company had \$21.9 billion of remaining performance obligations. The Company expects to recognize approximately 40% of its remaining performance obligations as revenue through 2019, an additional 40% through 2021, and the balance thereafter.

Cumulative Catch-up Adjustments

For the three months ended September 30, 2018 and 2017, net cumulative catch-up adjustments increased operating income by \$34 million and \$56 million, respectively, and increased diluted earnings per share by \$0.62 and \$0.79,

respectively. For the nine months ended September 30, 2018 and 2017, net cumulative catch-up

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adjustments increased operating income by \$99 million and \$142 million, respectively, and increased diluted earnings per share by \$1.78 and \$2.01, respectively. No individual adjustment was material to the Company's unaudited condensed consolidated statements of operations and comprehensive income for the three and nine months ended September 30, 2018 and 2017.

Contract Balances

Contract balances include accounts receivable, contract assets, and contract liabilities from contracts with customers. Accounts receivable represent an unconditional right to consideration and include amounts billed and currently due from customers. Contract assets primarily relate to the Company's rights to consideration for work completed but not billed as of the reporting date when the right to payment is not just subject to the passage of time. Fixed-price contracts are generally billed to the customer using either progress payments, whereby amounts are billed monthly as costs are incurred or work is completed, or performance based payments, which are based upon the achievement of specific, measurable events or accomplishments defined and valued at contract inception. Cost-type contracts are typically billed to the customer on a monthly or semi-monthly basis. Contract liabilities relate to advance payments, billings in excess of revenues, and deferred revenue amounts.

The Company reports contract balances in a net contract asset or contract liability position on a contract-by-contract basis at the end of each reporting period. The Company's net contract assets increased \$159 million from December 31, 2017 to September 30, 2018, primarily due to an increase in contract assets as a result of revenue on certain U.S. Navy contracts. For the nine months ended September 30, 2018, the Company recognized revenue of \$87 million related to its contract liabilities as of December 31, 2017.

9. SEGMENT INFORMATION

The Company is organized into three reportable segments: Ingalls, Newport News, and Technical Solutions, consistent with how management makes operating decisions and assesses performance.

The following table presents segment results for the three and nine months ended September 30, 2018 and 2017:

(\$ in millions)	Three Months		Nine Months	
	Ended		Ended	
	September 30		September 30	
	2018	2017	2018	2017
Sales and Service Revenues				
Ingalls	\$694	\$593	\$1,908	\$1,782
Newport News	1,179	1,053	3,444	3,025
Technical Solutions	245	241	721	710
Intersegment eliminations	(35)	(24)	(96)	(72)
Sales and service revenues	\$2,083	\$1,863	\$5,977	\$5,445
Operating Income (Loss)				
Ingalls	\$82	\$74	\$229	\$238
Newport News	119	96	261	248
Technical Solutions	16	22	25	13
Segment operating income (loss)	217	192	515	499
Non-segment factors affecting operating income (loss)				
Operating FAS/CAS Adjustment	73	50	218	156
Non-current state income taxes	—	(1)	5	(5)
Operating income (loss)	\$290	\$241	\$738	\$650

Operating FAS/CAS Adjustment - The Operating FAS/CAS Adjustment represents the difference between the service cost component of our pension and other postretirement expense determined in accordance with GAAP ("FAS") and our pension and other postretirement expense under U.S. Cost Accounting Standards ("CAS").

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The following table presents the Company's assets by segment.

(\$ in millions)	September 30 2018	December 31 2017
Assets		
Ingalls	\$ 1,607	\$ 1,385
Newport News	3,571	3,350
Technical Solutions	673	642
Corporate	348	997
Total assets	\$ 6,199	\$ 6,374

10. INVENTORIED COSTS, NET

Inventoried costs were comprised of the following:

(\$ in millions)	September 30 2018	December 31 2017
Production costs of contracts in process ¹	\$ 77	\$ 90
Raw material inventory	103	93
Total inventoried costs, net	\$ 180	\$ 183

¹ Includes amounts capitalized pursuant to applicable provisions of the FAR and Cost Accounting Standards.

11. GOODWILL AND OTHER INTANGIBLE ASSETS**Goodwill**

HII performs impairment tests for goodwill as of November 30 of each year and between annual impairment tests if an event occurs or circumstances change that would more likely than not reduce the fair values of the Company's reporting units below their carrying values.

Accumulated goodwill impairment losses as of each of September 30, 2018, and December 31, 2017, were \$2,877 million. The accumulated goodwill impairment losses for Ingalls as of each of September 30, 2018, and December 31, 2017, were \$1,568 million. The accumulated goodwill impairment losses for Newport News as of each of September 30, 2018, and December 31, 2017, were \$1,187 million. The accumulated goodwill impairment losses for Technical Solutions as of each of September 30, 2018, and December 31, 2017, were \$122 million.

Other Intangible Assets

The Company's purchased intangible assets are being amortized on a straight-line basis or a method based on the pattern of benefits over their estimated useful lives. Net intangible assets consist principally of amounts pertaining to nuclear-powered aircraft carrier and submarine program intangible assets, with an aggregate weighted-average useful life of 40 years based on the long life cycle of the related programs. Aggregate amortization expense was \$10 million for the three months ended September 30, 2018 and 2017, and \$28 million and \$30 million for the nine months ended September 30, 2018 and 2017, respectively.

The Company expects amortization expense for purchased intangible assets of approximately \$36 million in 2018, \$32 million in 2019, \$28 million in 2020, \$26 million in 2021, and \$24 million in 2022.

12. INCOME TAXES

The Company's earnings are primarily domestic, and its effective tax rates on earnings from operations for the three months ended September 30, 2018 and 2017, were 22.4% and 32.3%, respectively. For the nine months ended

September 30, 2018 and 2017, the Company's effective tax rates on earnings from operations were 17.0% and 29.1%, respectively. The lower effective tax rate for the three months ended September 30, 2018, was primarily attributable to the reduction in the federal corporate income tax rate, partially offset by the repeal of the domestic manufacturing deduction effective January 1, 2018, and an adjustment to a claim for research and development tax credits for the post-spin-off 2011 through 2015 tax years. The lower effective tax rate for the nine months ended

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September 30, 2018, was primarily attributable to the reduction in the federal corporate income tax rate and a claim for higher research and development tax credits for the post-spin-off 2011 through 2015 tax years, partially offset by a reduction in the income tax benefits resulting from stock award settlement activity, the repeal of the domestic manufacturing deduction effective January 1, 2018, and an increase in unrecognized tax benefits. The reduction in the federal corporate income tax rate from 35% to 21% and the repeal of the domestic manufacturing deduction are provisions of the Tax Act.

For the three months ended September 30, 2018, the Company's effective tax rate differed from the federal statutory rate primarily as a result of an adjustment to a claim for research and development tax credits for the post-spin-off 2011 through 2015 tax years. For the nine months ended September 30, 2018, the Company's effective tax rate differed from the federal statutory tax rate as a result of a claim for higher research and development tax credits for the post-spin-off 2011 through 2015 tax years. For the three and nine months ended September 30, 2017, the Company's effective tax rates differed from the federal statutory rates primarily as a result of the income tax benefits resulting from stock award settlement activity and the domestic manufacturing deduction.

Tax Reform - The Tax Act, signed into law on December 22, 2017, provides for significant changes to U.S. federal income tax law, including a provision that allows for full expensing of certain qualified property, reduction of the federal corporate income tax rate from 35% to 21%, repeal of the domestic manufacturing deduction, and further limitations on the deductibility of certain executive compensation. The SEC staff issued Staff Accounting Bulletin 118, which provides guidance on accounting for the tax effects of the Tax Act in the reporting period of enactment, including a measurement period that should not extend beyond one year from the Tax Act enactment date for companies to complete the accounting under Accounting Standards Codification 740, Income Taxes. The Company is reporting measurement period adjustments for the following items of the Tax Act for which the accounting is incomplete.

Reduction of the U.S. federal corporate income tax rate: For the reduction in the federal corporate income tax rate, the Company recorded a provisional decrease in its deferred tax assets and deferred tax liabilities of \$252 million and \$196 million, respectively, with a corresponding net adjustment to deferred income tax expense of \$56 million, for the year ended December 31, 2017. In October 2018, the Company received authorization from the IRS to change its accounting method for unbilled revenue related to service contracts effective January 1, 2017. As a result, the Company's provisional adjustment to its net deferred tax assets will decrease by approximately \$10 million, with a corresponding reduction to deferred income tax expense of \$10 million. The measurement period adjustment of \$10 million will be reflected in the Company's fourth quarter 2018 financial statements, which is the period the authorization was received.

Acceleration of depreciation: For the acceleration of depreciation for assets qualifying for immediate expensing, the Company recorded a provisional benefit of \$8 million for the year ended December 31, 2017, based on its intent to fully expense all qualifying expenditures. This resulted in a decrease of approximately \$8 million to the Company's current income taxes payable and a corresponding decrease in its net deferred tax assets, excluding the effect of the reduction in the U.S. federal corporate income tax rate, for the year ended December 31, 2017. In preparing the Company's consolidated federal income tax return, a detailed review of capital expenditures was completed. As a result of this analysis, the provisional benefit was determined to be approximately \$4 million, which is not material.

As disclosed in the Company's Annual Report on Form 10-K for 2017, the Company was not able to reasonably estimate the effect of the Tax Act changes to the deductibility of executive compensation, and, therefore, no provisional adjustment was recorded. These changes included repeal of the performance-based compensation exception to the \$1 million deduction limitation of Internal Revenue Code Section 162(m) and revision of the employees subject to the \$1 million deduction limitation. The only exception to this rule is compensation paid pursuant to a binding contract in effect on November 2, 2017 that would have otherwise been deductible under prior

Section 162(m) rules. Accordingly, any compensation paid in the future pursuant to compensation arrangements entered into after November 2, 2017, even if performance-based, will count toward the \$1 million annual deduction limit if paid to an executive subject to Section 162(m). The Company has not yet completed an analysis of the binding contract requirement on its various compensation plans to determine the impact of the change in law. Accordingly, no additional measurement period adjustment was recorded.

Adoption of ASU 2018-02 - The Company early adopted ASU 2018-02, "Income Statement-Reporting Comprehensive Income (Topic 220), Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income," which provides for the reclassification from accumulated other comprehensive income

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to retained earnings of stranded tax effects resulting from the Tax Act. In accordance with the provisions of the ASU, \$202 million of stranded tax effects related to the Tax Act were reclassified from accumulated other comprehensive income to retained earnings in the first quarter of 2018. This reclassification includes the impact of the change in the federal corporate income tax rate and the related federal benefit of state taxes.

The Company's accounting policy with respect to releasing income tax effects from accumulated other comprehensive income is to apply an aggregate approach whereby the tax effects are measured based on the change in the unrealized gains or losses reflected in other comprehensive income.

The Company's unrecognized tax benefits decreased \$1 million and increased \$14 million during the three and nine months ended September 30, 2018, respectively, for a tax position claimed during the nine months ended September 30, 2018, related to prior years. Assuming a sustainment of these positions, the reversal of the \$14 million accrual would favorably impact the Company's effective federal income tax rates in future periods.

The Company recognizes interest and penalties related to unrecognized tax benefits as income tax expense. As a result of the unrecognized tax benefits noted above, income tax expense increased \$1 million for interest for the nine months ended September 30, 2018. There was no material change in accrued interest and penalties for the three months ended September 30, 2018.

Non-current state income taxes include deferred state income taxes, which reflect the change in deferred state tax assets and liabilities, and the tax expense or benefit associated with changes in state uncertain tax positions in the relevant period. These amounts are recorded within operating income. Current period state income tax expense is charged to contract costs and included in cost of sales and service revenues in segment operating income.

13. DEBT

Long-term debt consisted of the following:

(\$ in millions)	September 30 2018	December 31 2017
Senior notes due November 15, 2025, 5.000%	600	600
Senior notes due December 1, 2027, 3.483%	600	600
Mississippi economic development revenue bonds due May 1, 2024, 7.81%	84	84
Gulf opportunity zone industrial development revenue bonds due December 1, 2028, 4.55%	21	21
Less unamortized debt issuance costs	(23)	(26)
Total long-term debt	\$ 1,282	\$ 1,279

Credit Facility - In November 2017, the Company terminated its Second Amended and Restated Credit Agreement and entered into a new Credit Agreement (the "Credit Facility") with third-party lenders. The Credit Facility includes a revolving credit facility of \$1,250 million, which may be drawn upon during a period of five years from November 22, 2017. The revolving credit facility includes a letter of credit subfacility of \$500 million. The revolving credit facility has a variable interest rate on outstanding borrowings based on the London Interbank Offered Rate ("LIBOR") plus a spread based upon the Company's credit ratings, which may vary between 1.125% and 1.500%. The revolving credit facility also has a commitment fee rate on the unutilized balance based on the Company's credit ratings. The commitment fee rate as of September 30, 2018, was 0.25% and may vary between 0.20% and 0.30%.

The Credit Facility contains a financial covenant based on a maximum total leverage ratio. Each of the Company's existing and future material wholly owned domestic subsidiaries, except those that are specifically designated as unrestricted subsidiaries, are and will be guarantors under the Credit Facility.

As of September 30, 2018, approximately \$16 million in letters of credit were issued but undrawn, and the remaining \$1,234 million of the revolving credit facility was unutilized. The Company had unamortized debt issuance costs associated with its credit facilities of \$9 million and \$11 million as of September 30, 2018, and December 31, 2017, respectively.

Senior Notes - In December 2017, the Company issued \$600 million aggregate principal amount of 3.483% senior notes with registration rights due December 2027, the net proceeds of which were used to repurchase the

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Company's 5.000% senior notes due in 2021. Pursuant to the terms of the registration rights agreement entered into in connection with the issuance of these senior notes, the Company completed in June 2018 an exchange of \$600 million aggregate principal amount of registered 3.483% senior notes due December 2027 for all of the then outstanding unregistered senior notes due December 2027. The Company also has outstanding \$600 million aggregate principal amount of unregistered 5.000% senior notes due November 2025. Interest on the Company's senior notes is payable semi-annually.

The terms of the senior notes limit the Company's ability and the ability of certain of its subsidiaries to create liens, enter into sale and leaseback transactions, sell assets, and effect consolidations or mergers. The Company had unamortized debt issuance costs associated with the senior notes of \$14 million and \$15 million as of September 30, 2018, and December 31, 2017, respectively.

Mississippi Economic Development Revenue Bonds - As of each of September 30, 2018, and December 31, 2017, the Company had \$84 million outstanding under Industrial Revenue Bonds issued by the Mississippi Business Finance Corporation. These bonds accrue interest at a fixed rate of 7.81% per annum (payable semi-annually) and mature in 2024.

Gulf Opportunity Zone Industrial Development Revenue Bonds - As of each of September 30, 2018, and December 31, 2017, the Company had \$21 million outstanding under Gulf Opportunity Zone Industrial Development Revenue Bonds issued by the Mississippi Business Finance Corporation. These bonds accrue interest at a fixed rate of 4.55% per annum (payable semi-annually) and mature in 2028.

The Company's debt arrangements contain customary affirmative and negative covenants. The Company was in compliance with all debt covenants during the nine months ended September 30, 2018.

The estimated fair values of the Company's total long-term debt as of September 30, 2018, and December 31, 2017, were \$1,300 million and \$1,361 million, respectively. The fair values of the Company's long-term debt were calculated based on either recent trades of the Company's debt instruments in inactive markets or yields available on debt with substantially similar risks, terms and maturities, which fall within Level 2 under the fair value hierarchy.

The Company does not have any principal payments due on long-term debt within the next five years.

14. INVESTIGATIONS, CLAIMS, AND LITIGATION

The Company is involved in legal proceedings before various courts and administrative agencies, and is periodically subject to government examinations, inquiries and investigations. Pursuant to FASB Accounting Standards Codification 450 Contingencies, the Company has accrued for losses associated with investigations, claims, and litigation when, and to the extent that, loss amounts related to the investigations, claims, and litigation are probable and can be reasonably estimated. The actual losses that might be incurred to resolve such investigations, claims, and litigation may be higher or lower than the amounts accrued. For matters where a material loss is probable or reasonably possible and the amount of loss cannot be reasonably estimated, but the Company is able to reasonably estimate a range of possible losses, the Company will disclose such estimated range in these notes. This estimated range is based on information currently available to the Company and involves elements of judgment and significant uncertainties. Any estimated range of possible loss does not represent the Company's maximum possible loss exposure. For matters as to which the Company is not able to reasonably estimate a possible loss or range of loss, the Company will indicate the reasons why it is unable to estimate the possible loss or range of loss. For matters not specifically described in these notes, the Company does not believe, based on information currently available to it, that it is reasonably possible that the liabilities, if any, arising from such investigations, claims, and litigation will have a material effect on its consolidated financial position, results of operations, or cash flows. The Company has, in

certain cases, provided disclosure regarding certain matters for which the Company believes at this time that the likelihood of material loss is remote.

False Claims Act Complaint - In 2015, the Company received a Civil Investigative Demand from the Department of Justice ("DoJ") relating to an investigation of certain allegedly non-conforming parts the Company purchased from one of its suppliers for use in connection with U.S. Government contracts. The Company has cooperated with the DoJ in connection with its investigation. In 2016, the Company was made aware that it is a defendant in a False Claims Act lawsuit filed under seal in the U.S. District Court for the Middle District of Florida related to the Company's purchases of the allegedly non-conforming parts from the supplier. Depending upon the outcome of this matter, the Company could be subject to civil penalties, damages, and/or suspension or debarment from future U.S.

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Government contracts, which could have a material adverse effect on its consolidated financial position, results of operations, or cash flows. The matter remains sealed and given the current posture of the matter, the Company is unable to estimate an amount or range of reasonably possible loss or to express an opinion regarding the ultimate outcome.

U.S. Government Investigations and Claims - Departments and agencies of the U.S. Government have the authority to investigate various transactions and operations of the Company, and the results of such investigations may lead to administrative, civil, or criminal proceedings, the ultimate outcome of which could be fines, penalties, repayments or compensatory, treble, or other damages. U.S. Government regulations provide that certain findings against a contractor may also lead to suspension or debarment from future U.S. Government contracts or the loss of export privileges. Any suspension or debarment would have a material effect on the Company because of its reliance on government contracts.

Asbestos Related Claims - HII and its predecessors-in-interest are defendants in a longstanding series of cases that have been and continue to be filed in various jurisdictions around the country, wherein former and current employees and various third parties allege exposure to asbestos containing materials while on or associated with HII premises or while working on vessels constructed or repaired by HII. The cases allege various injuries, including those associated with pleural plaque disease, asbestosis, cancer, mesothelioma, and other alleged asbestos related conditions. In some cases, several of HII's former executive officers are also named as defendants. In some instances, partial or full insurance coverage is available to the Company for its liability and that of its former executive officers. The average cost per case to resolve cases during the nine months ended September 30, 2018 and 2017, was immaterial individually and in the aggregate. The Company's estimate of asbestos-related liabilities is subject to uncertainty because liabilities are influenced by numerous variables that are inherently difficult to predict. Key variables include the number and type of new claims, the litigation process from jurisdiction to jurisdiction and from case to case, reforms made by state and federal courts, and the passage of state or federal tort reform legislation. Although the Company believes the ultimate resolution of current cases will not have a material effect on its consolidated financial position, results of operations, or cash flows, it cannot predict what new or revised claims or litigation might be asserted or what information might come to light and can, therefore, give no assurances regarding the ultimate outcome of asbestos related litigation.

Other Litigation - The Company and its predecessor-in-interest have been in litigation with the Bolivarian Republic of Venezuela (the "Republic") since 2002 over a contract for the repair, refurbishment, and modernization at Ingalls of two foreign-built frigates. The case proceeded towards arbitration, then appeared to settle favorably, but the settlement was overturned in court and the matter returned to litigation. In March 2014, the Company filed an arbitral statement of claim asserting breaches of the contract. In July 2014, the Republic filed a statement of defense in the arbitration denying all the Company's allegations and a counterclaim alleging late redelivery of the frigates, unfinished work, and breach of warranty. In February 2018, the arbitral tribunal awarded the Company approximately \$151 million on its claims and awarded the Republic approximately \$22 million on its counterclaims. The Company has filed a petition in the United States District Court for the District of Columbia asking the court to confirm or enforce the award. No assurances can be provided regarding the ultimate resolution of this matter.

The Company is party to various other claims, legal proceedings and investigations that arise in the ordinary course of business, including U.S. Government investigations that could result in administrative, civil, or criminal proceedings involving the Company. The Company is a contractor with the U.S. Government, and such proceedings could therefore include False Claims Act allegations against the Company. Although the Company believes that the resolution of these other claims, legal proceedings and investigations will not have a material effect on its consolidated financial position, results of operations, or cash flows, the Company cannot predict what new or revised claims or litigation might be asserted or what information might come to light and can, therefore, give no assurances regarding the ultimate outcome of these matters.

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15. COMMITMENTS AND CONTINGENCIES

Contract Performance Contingencies - Contract profit margins may include estimates of revenues for matters on which the customer and the Company have not reached agreement, such as settlements in the process of negotiation, contract changes, claims, and requests for equitable adjustment for unanticipated contract costs. These estimates are based upon management's best assessment of the underlying causal events and circumstances and are included in contract profit margins to the extent of expected recovery based upon contractual entitlements and the probability of successful negotiation with the customer. As of September 30, 2018, recognized amounts related to claims and requests for equitable adjustment were not material individually or in the aggregate.

Guarantees of Performance Obligations - From time to time in the ordinary course of business, HII may enter into joint ventures, teaming, and other business arrangements to support the Company's products and services. The Company attempts to limit its exposure under these arrangements to its investment or the extent of obligations under the applicable contract. In some cases, however, HII may be required to guarantee performance of the arrangement's obligations and, in such cases, generally obtains cross-indemnification from the other members of the arrangement.

In the ordinary course of business, the Company may guarantee obligations of its subsidiaries under certain contracts. Generally, the Company is liable under such an arrangement only if its subsidiary is unable to perform its obligations. Historically, the Company has not incurred any substantial liabilities resulting from these guarantees. As of September 30, 2018, the Company was not aware of any existing event of default that would require it to satisfy any of these guarantees.

Environmental Matters -The estimated cost to complete environmental remediation has been accrued when it is probable that the Company will incur such costs in the future to address environmental conditions at currently or formerly owned or leased operating facilities, or at sites where it has been named a Potentially Responsible Party ("PRP") by the Environmental Protection Agency or similarly designated by another environmental agency, and the related costs can be estimated by management. These accruals do not include any litigation costs related to environmental matters, nor do they include amounts recorded as asset retirement obligations. To assess the potential impact on the Company's consolidated financial statements, management estimates the range of reasonably possible remediation costs that could be incurred by the Company, taking into account currently available facts on each site, as well as the current state of technology and prior experience in remediating contaminated sites. These estimates are reviewed periodically and adjusted to reflect changes in facts and technical and legal circumstances. Management estimates that as of September 30, 2018, the probable future cost for environmental remediation was \$1 million, which is accrued in other current liabilities. Factors that could result in changes to the Company's estimates include: modification of planned remedial actions, increases or decreases in the estimated time required to remediate, changes to the determination of legally responsible parties, discovery of more extensive contamination than anticipated, changes in laws and regulations affecting remediation requirements, and improvements in remediation technology. Should other PRPs not pay their allocable share of remediation costs, the Company may incur costs exceeding those already estimated and accrued. In addition, there are certain potential remediation sites where the costs of remediation cannot be reasonably estimated. Although management cannot predict whether new information gained as projects progress will materially affect the estimated liability accrued, management does not believe that future remediation expenditures will have a material effect on the Company's consolidated financial position, results of operations, or cash flows.

Financial Arrangements - In the ordinary course of business, HII uses standby letters of credit issued by commercial banks and surety bonds issued by insurance companies principally to support the Company's self-insured workers' compensation plans. As of September 30, 2018, the Company had \$16 million in standby letters of credit issued but undrawn, as indicated in Note 13: Debt, and \$273 million of surety bonds outstanding.

U.S. Government Claims - From time to time, the U.S. Government communicates to the Company potential claims, disallowed costs, and penalties concerning prior costs incurred by the Company with which the U.S. Government disagrees. When such preliminary findings are presented, the Company and U.S. Government representatives engage in discussions, from which HII evaluates the merits of the claims and assesses the amounts being questioned. Although the Company believes that the resolution of any of these matters will not have a material effect on its consolidated financial position, results of operations, or cash flows, it cannot predict the ultimate outcome of these matters.

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In February 2018, the Company received the findings of an audit conducted by the Defense Contract Audit Agency ("DCAA") citing significant deficiencies in the Company's Newport News segment's business system for material management. The Company submitted a response in June 2018, agreeing in part and disagreeing in part with the audit findings, and the Company and the U.S. Government continue to engage in discussions regarding the DCAA's findings. In the event the U.S. Government makes a final determination that there are remaining significant deficiencies and that the Company's proposed corrective actions are inadequate, the U.S. Government may withhold up to 5% from the Company's interim billings on cost-reimbursement, labor-hour, and time and materials contracts containing the applicable contractor business systems clause, until the U.S. Government determines all significant deficiencies have been remediated, which could have a material impact on the timing of the Company's cash receipts.

Collective Bargaining Agreements - Of the Company's approximately 40,000 employees, approximately 50% are covered by a total of nine collective bargaining agreements and two site stabilization agreements. Newport News has four collective bargaining agreements covering represented employees, one of which covers approximately 50% of Newport News employees and was renewed July 2017. The remaining collective bargaining agreements at Newport News expire December 2018, November 2020, and December 2022. Newport News craft workers employed at the Kesselring Site near Saratoga Springs, New York are represented under an indefinite Department of Energy ("DoE") site agreement. Ingalls has five collective bargaining agreements covering represented employees, all of which expire in March 2022. Approximately 35 Technical Solutions craft employees at the Hanford Site near Richland, Washington are represented under an indefinite DoE site stabilization agreement. The Company believes its relationship with its employees is satisfactory.

Collective bargaining agreements generally expire after three to five years and are subject to renegotiation at that time. The Company does not expect the results of these negotiations, either individually or in the aggregate, to have a material effect on the Company's consolidated results of operations.

16. EMPLOYEE PENSION AND OTHER POSTRETIREMENT BENEFITS

The Company provides eligible employees defined benefit pension plans, postretirement benefit plans, and defined contribution pension plans.

The costs of the Company's defined benefit pension plans and other postretirement benefit plans for the three and nine months ended September 30, 2018 and 2017, were as follows:

	Three Months Ended				Nine Months Ended			
	September 30		September 30		September 30		September 30	
	Pension Benefits	Other Benefits	Pension Benefits	Other Benefits	Pension Benefits	Other Benefits	Pension Benefits	Other Benefits
(\$ in millions)	2018	2017	2018	2017	2018	2017	2018	2017
Components of Net Periodic Benefit Cost								
Service cost	\$39	\$37	\$2	\$3	\$118	\$108	\$6	\$8
Interest cost	63	67	5	6	190	200	15	18
Expected return on plan assets	(107)	(93)	—	—	(322)	(275)	—	—
Amortization of prior service cost (credit)	6	6	(5)	(6)	18	14	(16)	(15)
Amortization of net actuarial loss (gain)	20	25	(1)	(1)	61	73	(2)	(3)
Net periodic benefit cost	\$21	\$42	\$1	\$2	\$65	\$120	\$3	\$8

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The Company made the following contributions to its pension and other postretirement plans for the nine months ended September 30, 2018 and 2017:

	Nine Months Ended September 30	
(\$ in millions)	2018	2017
Pension plans		
Qualified minimum	\$—	\$—
Discretionary		
Qualified	508	294
Non-qualified	6	5
Other benefit plans	23	27
Total contributions	\$537	\$326

As of September 30, 2018, the Company anticipates no further significant cash contributions to its qualified defined benefit plans in 2018.

17. STOCK COMPENSATION PLANS

During the nine months ended September 30, 2018 and 2017, the Company issued new stock awards as follows:

Restricted Performance Stock Rights - For the nine months ended September 30, 2018, the Company granted approximately 0.1 million RPSRs at a weighted average share price of \$261.89. These rights are subject to cliff vesting on December 31, 2020. For the nine months ended September 30, 2017, the Company granted approximately 0.1 million RPSRs at a weighted average share price of \$218.36. These rights are subject to cliff vesting on December 31, 2019. All of the RPSRs are subject to the achievement of performance-based targets at the end of the respective vesting periods and will ultimately vest between 0% and 200% of grant date value.

For the nine months ended September 30, 2018 and 2017, 0.2 million and 0.4 million stock awards vested, respectively, of which approximately 0.1 million and 0.2 million, respectively, were transferred to the Company from employees in satisfaction of minimum tax withholding obligations.

The following table summarizes the status of the Company's outstanding stock awards as of September 30, 2018.

	Stock Awards (in thousands)	Weighted-Average Grant Date Fair Value	Weighted-Average Remaining Contractual Term (in years)
Total stock awards	398	\$ 174.09	0.9

Compensation Expense

The Company recorded stock-based compensation for the value of awards granted to Company employees and non-employee members of the board of directors for the three months ended September 30, 2018 and 2017, of \$11 million and \$7 million, respectively. The Company recorded stock-based compensation of \$27 million for the value of awards granted to Company employees and non-employee members of the board of directors for the nine months ended September 30, 2018 and 2017.

The Company recorded tax benefits related to stock awards of \$3 million for the three months ended September 30, 2018 and 2017. The Company recorded tax benefits related to stock awards of \$6 million and \$11 million for the nine months ended September 30, 2018 and 2017, respectively. The Company recognized tax benefits associated with the issuance of stock in settlement of stock awards for the three months ended September 30, 2018 and 2017, of less than \$1 million. The Company recognized tax benefits associated with the issuance of stock in settlement of stock awards for the nine months ended September 30, 2018 and 2017, of \$7 million and \$24 million, respectively.

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Unrecognized Compensation Expense

As of September 30, 2018, the Company had less than \$1 million of unrecognized compensation expense associated with Restricted Stock Rights granted in 2017, which will be recognized over a weighted average period of 1.1 years, and \$32 million of unrecognized compensation expense associated with RPSRs granted in 2018, 2017, and 2016, which will be recognized over a weighted average period of 1.0 year.

18. SUBSIDIARY GUARANTORS

As described in Note 13, the Company issued senior notes through the consolidating parent company, HII. Performance of the Company's obligations under its senior notes outstanding as of September 30, 2018, and December 31, 2017, including any repurchase obligations resulting from a change of control, is fully and unconditionally guaranteed, jointly and severally, on an unsecured basis, by each of HII's existing and future material domestic subsidiaries ("Subsidiary Guarantors"). The Subsidiary Guarantors are 100% owned by HII. Under SEC Regulation S-X Rule 3-10, each HII subsidiary that did not provide a guarantee ("Non-Guarantors") is minor and HII, as the parent company issuer, did not have independent assets or operations. There are no significant restrictions on the ability of the parent company and the Subsidiary Guarantors to obtain funds from their respective subsidiaries by dividend or loan, except those imposed by applicable law.

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

OVERVIEW

Our Business

Huntington Ingalls Industries, Inc. ("HII", "we", "us", or "our") is America's largest military shipbuilding company and a provider of professional services to partners in government and industry. For more than a century, our Ingalls segment in Mississippi and Newport News segment in Virginia have built more ships in more ship classes than any other U.S. naval shipbuilder. We also provide a range of services to the governmental, energy, and oil and gas markets through our Technical Solutions segment.

We conduct most of our business with the U.S. Government, primarily the DoD. As prime contractor, principal subcontractor, team member, or partner, we participate in many high-priority U.S. defense technology programs. Ingalls includes our non-nuclear ship design, construction, repair, and maintenance businesses. Newport News includes all of our nuclear ship design, construction, overhaul, refueling, and repair and maintenance businesses. Our Technical Solutions segment provides a wide range of professional services, including fleet support, MDIS, nuclear and environmental, and oil and gas services.

The following discussion should be read along with the unaudited condensed consolidated financial statements included in this Quarterly Report on Form 10-Q, as well as our Annual Report on Form 10-K for the year ended December 31, 2017.

Business Environment

In August 2011, the Budget Control Act (the "BCA") established limits on U.S. Government discretionary spending, including a reduction of defense spending by approximately \$487 billion for fiscal years 2012 through 2021. The BCA also provided that the defense budget would face "sequestration" cuts of up to an additional \$500 billion during that same period, to the extent that discretionary spending limits are exceeded, and \$500 billion for non-defense

discretionary spending, including the U.S. Coast Guard.

The BBA 2018 provided sequestration relief for fiscal years 2018 and 2019 and raised the budget topline for defense and non-defense discretionary spending. However, sequestration remains in effect for fiscal years 2020 and 2021. Long-term uncertainty remains with respect to overall levels of defense spending across the future years defense plan, and it is likely that U.S. Government discretionary spending levels will continue to be subject to significant pressure.

While appropriations measures have been enacted for fiscal year 2019, which fund the Department of Defense, Department of Energy, and a limited number of other federal agencies, a Continuing Appropriations measure is also

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in effect, which funds the balance of the federal government through December 7, 2018. We cannot predict the impact that sequestration cuts, reprioritization of readiness and modernization investment, or extension of 2019 Continuing Appropriations may have on future funding for our individual programs. Long-term funding for certain programs in which we participate may be reduced, delayed, or canceled. In addition, spending cuts and/or reprioritization of defense investment could adversely affect the viability of our suppliers and subcontractors and employee base. Our contracts or subcontracts under programs in which we participate may be terminated or adjusted by the U.S. Government or the prime contractor as a result of lack of government funding or reductions or delays in government funding. Significant reductions in the number of ships procured by the U.S. Navy or significant delays in funding our ship programs would have a material effect on our financial position, results of operations, or cash flows.

The budget environment, including sequestration as currently mandated, remains a significant long-term risk. Considerable uncertainty exists regarding how future budget and program decisions will develop and what challenges budget changes will present for the defense industry. We believe continued budget pressures that result from sequestration and other budget priorities may have serious negative consequences for the security of our country, the defense industrial base, including us, and the customers, employees, suppliers, subcontractors, investors, and communities that rely on companies in the defense industrial base. Although it is difficult to determine specific impacts, we expect that over the longer term, the budget environment may result in fewer contract awards and lower revenues, profits, and cash flows from our U.S. Government contracts. Congress and the Administration continue to discuss various options to address sequestration in future budget planning, but we cannot predict the outcome of these efforts. It is likely budget and program decisions made in this environment will have long-term impacts on us and the entire defense industry.

Critical Accounting Policies, Estimates, and Judgments

As discussed in our Annual Report on Form 10-K for the year ended December 31, 2017, we consider our policies relating to the following matters to be critical accounting policies:

Revenue recognition;

Purchase accounting, goodwill, and intangible assets;

Litigation, commitments, and contingencies;

Retirement related benefit plans; and

Workers' compensation.

Significant changes to our critical accounting policies from the adoption of Topic 606 are discussed below:

Revenue Recognition - Most of our revenues are derived from long-term contracts for the production of goods and services provided to the U.S. Government, which are accounted for in accordance with accounting principles generally accepted in the United States of America ("GAAP"), generally recognizing revenues over time using a cost-to-cost measure of progress. We also have other types of contracts, such as services or commercial arrangements, for which revenues are recognized over time or at a point in time, depending upon the facts and circumstances of the related arrangement. To determine the proper revenue recognition method, we consider whether two or more contracts should be combined and accounted for as one contract and whether a single contract should be accounted for as more than one performance obligation. A contract performance obligation is a promise to transfer a distinct good or service to the customer and is the unit of account.

Many contracts contain positive and negative profit incentives based upon performance relative to predetermined targets that may occur during or subsequent to delivery of the product. These incentives take the form of potential additional fees to be earned or penalties to be incurred. We generally estimate incentives and award fees utilizing a most likely amount approach. In all such instances, the estimated revenues represent those amounts for which we believe a significant reversal of revenue is not probable.

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Contracts

We generate most of our revenues from long-term U.S. Government contracts for design, production, and support activities. Government contracts typically include the following cost elements: direct material, labor and subcontracting costs, and certain indirect costs, including allowable general and administrative expenses. Unless otherwise specified in a contract, costs billed to contracts with the U.S. Government are treated as allowable and allocable costs under the Federal Acquisition Regulation ("FAR") and the U.S. Cost Accounting Standards ("CAS") regulations. Examples of costs incurred by us that are not allowable under the FAR and CAS regulations include certain legal costs, lobbying costs, charitable donations, interest expense, and advertising costs.

We monitor our policies and procedures with respect to our contracts on a regular basis to ensure consistent application under similar terms and conditions, as well as compliance with all applicable government regulations. In addition, the Defense Contract Audit Agency routinely audits the costs we incur that are allocated to contracts with the U.S. Government.

Our contracts typically fall into one of four categories: firm fixed-price, fixed-price incentive, cost-type, and time and materials. See Note 8: Revenue.

Firm Fixed-Price Contracts - A firm fixed-price contract is a contract in which the specified scope of work is agreed to for a price that is predetermined by bid or negotiation and not generally subject to adjustment regardless of costs incurred by the contractor.

Fixed-Price Incentive Contracts - Fixed-price incentive contracts provide for reimbursement of the contractor's allowable costs, but are subject to a cost-share limit that affects profitability. Fixed-price incentive contracts effectively become firm fixed-price contracts once the cost-share limit is reached.

Cost-Type Contracts - Cost-type contracts provide for reimbursement of the contractor's allowable costs plus a fee that represents profit. Cost-type contracts generally require that the contractor use its reasonable efforts to accomplish the scope of the work within some specified time and some stated dollar limitation.

Time and Materials - Time and material contracts specify a fixed hourly billing rate for each direct labor hour expended and reimbursement for allowable material costs and expenses.

Contract Fees - Negotiated contract fee structures include: fixed fee amounts, cost sharing arrangements to reward or penalize contractors for under or over cost target performance, respectively, positive award fees, and negative penalty arrangements. Profit margins may vary materially depending on the negotiated contract fee arrangements, percentage-of-completion of the contract, the achievement of performance objectives, and the stage of performance at which the right to receive fees, particularly under incentive and award fee contracts, is finally determined.

Award Fees - Certain contracts contain award fees based on performance criteria such as cost, schedule, quality, and technical performance. Award fees are determined and earned based on an evaluation by the customer of our performance against such negotiated criteria. We consider award fees to be variable consideration and generally include these fees in the transaction price using a most likely amount approach. Award fees are limited to the extent of funding allotted by the customer and available for performance and those amounts for which a significant reversal of revenue is not probable.

Program Descriptions

For convenience, a brief description of certain programs discussed in this Quarterly Report on Form 10-Q is included in the "Glossary of Programs" in this section.

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CONSOLIDATED OPERATING RESULTS

The following table presents selected financial highlights:

	Three Months Ended		2018 over 2017		Nine Months Ended		2018 over 2017			
	September 30	September 30	Dollars	Percent	September 30	September 30	Dollars	Percent		
(\$ in millions)	2018	2017			2018	2017				
Sales and service revenues	\$2,083	\$1,863	\$220	12 %	\$5,977	\$5,445	\$532	10 %		
Cost of product sales and service revenues	1,593	1,448	145	10 %	4,656	4,264	392	9 %		
Income (loss) from operating investments, net	8	7	1	14 %	12	10	2	20 %		
Other income and gains	—	—	—	— %	14	—	14	— %		
General and administrative expenses	208	181	27	15 %	609	541	68	13 %		
Operating income (loss)	290	241	49	20 %	738	650	88	14 %		
Other income (expense)										
Interest expense	(14)	(18)	4	22 %	(44)	(53)	9	17 %		
Non-operating retirement expense	19	(4)	23	575 %	56	(12)	68	567 %		
Other, net	—	1	(1)	(100)%	2	—	2	— %		
Federal and foreign income taxes	66	71	(5)	(7)%	128	170	(42)	(25)%		
Net earnings (loss)	\$229	\$149	\$80	54 %	\$624	\$415	\$209	50 %		

Operating Performance Assessment and Reporting

We manage and assess the performance of our business based on our performance on individual contracts and programs using the financial measures referred to below, with consideration given to the Critical Accounting Policies, Estimates, and Judgments referred to in this section. Our portfolio of long-term contracts is primarily flexibly-priced. As a result, sales tend to fluctuate in concert with costs across our large portfolio of active contracts, with operating income being a critical measure of operating performance. Under FAR rules that govern our business with the U.S. Government, most types of costs are allowable, and we do not focus on individual cost groupings, such as cost of sales or general and administrative expenses, as much as we do on total contract costs, which are a key factor in determining contract operating income. As a result, in evaluating our operating performance, we look primarily at changes in sales and service revenues, as well as operating income, including the effects of significant changes in operating income as a result of changes in contract estimates and the use of the cumulative catch-up method of accounting in accordance with GAAP. This approach is consistent with the long-term life cycle of our contracts, as management assesses each contract bid based upon net sales and operating profit and monitors contract performance in a similar manner through contract completion. Consequently, our discussion of business segment performance focuses on net sales and operating profit, consistent with our approach for managing our business.

Cost of sales for both product sales and service revenues consists of materials, labor, and subcontracting costs, as well as an allocation of indirect costs for overhead. We manage the type and amount of costs at the contract level, which is the basis for estimating our total costs at completion of our contracts. Unusual fluctuations in operating performance driven by changes in a specific cost element across multiple contracts are described in our analysis.

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Sales and Service Revenues

Sales and service revenues were comprised as follows:

	Three Months Ended				Nine Months Ended			
	September 30		2018 over 2017		September 30		2018 over 2017	
(\$ in millions)	2018	2017	Dollar	Percent	2018	2017	Dollar	Percent
Product sales	\$1,547	\$1,391	\$156	11 %	\$4,416	\$4,088	\$328	8 %
Service revenues	536	472	64	14 %	1,561	1,357	204	15 %
Sales and service revenues	\$2,083	\$1,863	\$220	12 %	\$5,977	\$5,445	\$532	10 %

Product sales for the three months ended September 30, 2018, increased \$156 million, or 11%, compared with the same period in 2017. Product sales for the nine months ended September 30, 2018, increased \$328 million, or 8%, compared with the same period in 2017. Ingalls product sales increased \$94 million for the three months ended September 30, 2018, primarily as a result of higher volumes in amphibious assault ships and the Legend class NSC program, partially offset by lower volumes in surface combatants. Ingalls product sales increased \$116 million for the nine months ended September 30, 2018, primarily as a result of higher volumes in amphibious assault ships, partially offset by lower volumes in surface combatants and the Legend class NSC program. Newport News product sales increased \$69 million and \$232 million for the three and nine months ended September 30, 2018, respectively, primarily as a result of higher volumes in aircraft carriers, partially offset by lower volumes in submarines. Technical Solutions product sales decreased \$7 million and \$20 million for the three and nine months ended September 30, 2018, respectively, primarily as a result of lower volumes in nuclear and environmental products.

Service revenues for the three months ended September 30, 2018, increased \$64 million, or 14%, compared with the same period in 2017. Service revenues for the nine months ended September 30, 2018, increased \$204 million, or 15%, compared with the same period in 2017. Ingalls service revenues increased \$5 million for the three months ended September 30, 2018, primarily as a result of higher volumes in amphibious assault ships services. Ingalls service revenues increased \$8 million for the nine months ended September 30, 2018, as a result of higher volumes in amphibious assault ships services, partially offset by lower volumes in surface combatants services. Newport News service revenues increased \$56 million and \$184 million for the three and nine months ended September 30, 2018, respectively, primarily as a result of higher volumes in naval nuclear support services and submarines services, partially offset by lower volumes in aircraft carriers services. Technical Solutions service revenues increased \$3 million for the three months ended September 30, 2018, primarily as a result of higher volumes in oil and gas services and MDIS, partially offset by lower volumes in fleet support and nuclear and environmental services. Technical Solutions service revenues increased \$12 million for the nine months ended September 30, 2018, primarily as a result of higher volumes in oil and gas services, partially offset by lower volumes in fleet support and nuclear and environmental services.

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Cost of Sales and Service Revenues

Cost of product sales, cost of service revenues, income from operating investments, net, and general and administrative expenses were as follows:

	Three Months Ended				Nine Months Ended			
	September 30		2018 over 2017		September 30		2018 over 2017	
(\$ in millions)	2018	2017	Dollar	Percent	2018	2017	Dollar	Percent
Cost of product sales	\$1,159	\$1,064	\$95	9 %	\$3,369	\$3,152	\$217	7 %
% of product sales	74.9 %	76.5 %			76.3 %	77.1 %		
Cost of service revenues	434	384	50	13 %	1,287	1,112	175	16 %
% of service revenues	81.0 %	81.4 %			82.4 %	81.9 %		
Income (loss) from operating investments, net	8	7	1	14 %	12	10	2	20 %
Other income and gains	—	—	—	— %	14	—	14	— %
General and administrative expenses	208	181	27	15 %	609	541	68	13 %
% of sales and service revenues	10.0 %	9.7 %			10.2 %	9.9 %		
Cost of sales and service revenues	\$1,793	\$1,622	\$171	11 %	\$5,239	\$4,795	\$444	9 %

Cost of Product Sales

Cost of product sales for the three months ended September 30, 2018, increased \$95 million, or 9%, compared with the same period in 2017. Cost of product sales for the nine months ended September 30, 2018, increased \$217 million, or 7%, compared with the same period in 2017. Ingalls cost of product sales increased \$83 million for the three months ended September 30, 2018, primarily as a result of the volume changes described above. Ingalls cost of product sales increased \$114 million for the nine months ended September 30, 2018, primarily as a result of higher volumes in amphibious assault ships and lower risk retirement on the Legend class NSC program, as well as one time employee bonus payments in 2018 related to the Tax Act, partially offset by lower volumes in surface combatants. Newport News cost of product sales increased \$23 million for the three months ended September 30, 2018, primarily as a result of the volume changes described above. Newport News cost of product sales increased \$177 million for the nine months ended September 30, 2018, primarily as a result of the volume changes described above, as well as one time employee bonus payments in 2018 related to the Tax Act. Technical Solutions cost of product sales increased \$6 million for the three months ended September 30, 2018, primarily due to the 2017 release of a portion of an accounts receivable allowance on a nuclear and environmental commercial contract, partially offset by lower volumes in nuclear and environmental products. Technical Solutions cost of product sales decreased \$28 million for the nine months ended September 30, 2018, primarily due to the lower volumes described above and an allowance for accounts receivable in 2017 on a nuclear and environmental commercial contract. Cost of product sales related to the Operating FAS/CAS Adjustment decreased \$17 million and \$46 million for the three and nine months ended September 30, 2018, respectively, as described below.

Cost of product sales as a percentage of product sales decreased from 76.5% for the three months ended September 30, 2017, to 74.9% for the three months ended September 30, 2018. This decrease was primarily due to a favorable change in the Operating FAS/CAS Adjustment and year-to-year variances in contract mix, partially offset by the resolution in 2017 of outstanding contract changes on the RCOH of USS Abraham Lincoln (CVN 72), as well as the 2017 release of a portion of an accounts receivable allowance on a nuclear and environmental commercial contract. Cost of product sales as a percentage of product sales decreased from 77.1% for the nine months ended September 30, 2017, to 76.3% for the nine months ended September 30, 2018. This decrease was primarily due to a favorable change in the Operating FAS/CAS Adjustment, an allowance for accounts receivable on a nuclear and environmental commercial contract in 2017, higher risk retirement on the San Antonio class (LPD 17) program, and

year-to-year variances in contract mix, partially offset by lower risk retirement on the Legend class NSC program and Tripoli (LHA 7), as well as one time employee bonus payments in 2018 related to the Tax Act.

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Cost of Service Revenues

Cost of service revenues for the three months ended September 30, 2018, increased \$50 million, or 13%, compared with the same period in 2017. Cost of service revenues for the nine months ended September 30, 2018, increased \$175 million, or 16%, compared with the same period in 2017. Ingalls cost of service revenues increased \$4 million for the three months ended September 30, 2018, primarily as a result of the volume changes described above. Ingalls cost of service revenues increased \$9 million for the nine months ended September 30, 2018, primarily as a result of the volume changes described above and the recognition of a loss provision on a long-term design contract. Newport News cost of service revenues increased \$51 million and \$171 million for the three and nine months ended September 30, 2018, respectively, primarily as a result of the volume changes described above. Technical Solutions cost of service revenues increased \$1 million for the three months ended September 30, 2018, primarily due to the volume changes described above. Technical Solutions cost of service revenues increased \$11 million for the nine months ended September 30, 2018, primarily due to the volume changes described above, as well as one time employee bonus payments in 2018 related to the Tax Act. Cost of service revenues related to the Operating FAS/CAS Adjustment decreased \$6 million and \$16 million for the three and nine months ended September 30, 2018, respectively, as described below.

Cost of service revenues as a percentage of service revenues decreased from 81.4% for the three months ended September 30, 2017, to 81.0% for the three months ended September 30, 2018, primarily driven by year-to-year variances in contract mix and a favorable change in the Operating FAS/CAS Adjustment, partially offset by the resolution in 2017 of outstanding contract changes on the inactivation of the decommissioned Enterprise (CVN 65). Cost of service revenues as a percentage of service revenues increased from 81.9% for the nine months ended September 30, 2017, to 82.4% for the nine months ended September 30, 2018, primarily driven by the resolution in 2017 of outstanding contract changes on the inactivation of the decommissioned Enterprise (CVN 65), one time employee bonus payments in 2018 related to the Tax Act, and the recognition of a loss provision on a long-term design contract, partially offset by a favorable change in the Operating FAS/CAS Adjustment and year-to-year variances in contract mix.

Income (Loss) from Operating Investments, Net

The activities of our operating investments are closely aligned with the operations of the segments holding the investments. We therefore record income related to earnings from equity method investments in our operating income.

Income from operating investments, net increased \$1 million and \$2 million for the three and nine months ended September 30, 2018, respectively, primarily due to higher equity income from our nuclear and environmental joint ventures.

Other Income and Gains

Other income and gains for the three months ended September 30, 2018, was consistent with the same period in 2017. Other income and gains for the nine months ended September 30, 2018, increased \$14 million from the same period in 2017, primarily as a result of recoveries related to a settlement agreement at our Ingalls segment.

General and Administrative Expenses

In accordance with industry practice and the regulations that govern the cost accounting requirements for government contracts, most general and administrative expenses are considered allowable and allocable costs on government contracts. These costs are allocated to contracts in progress on a systematic basis and contract performance factors include this cost component as an element of cost.

General and administrative expenses for the three and nine months ended September 30, 2018, increased \$27 million and \$68 million, respectively, compared with the same periods in 2017, primarily driven by higher overhead costs and current state income tax expense, partially offset by favorable changes in non-current state income tax expense.

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Operating Income

We consider operating income to be an important measure for evaluating our operating performance, and, as is typical in the industry, we define operating income as revenues less the related cost of producing the revenues and general and administrative expenses.

We internally manage our operations by reference to "segment operating income," which is defined as operating income before the Operating FAS/CAS Adjustment and non-current state income taxes, neither of which affects segment performance. Segment operating income is not a recognized measure under GAAP. When analyzing our operating performance, investors should use segment operating income in addition to, and not as an alternative for, operating income or any other performance measure presented in accordance with GAAP. It is a measure we use to evaluate our core operating performance. We believe segment operating income reflects an additional way of viewing aspects of our operations that, when viewed with our GAAP results, provides a more complete understanding of factors and trends affecting our business. We believe the measure is used by investors and is a useful indicator to measure our performance. Because not all companies use identical calculations, our presentation of segment operating income may not be comparable to similarly titled measures of other companies.

The following table reconciles operating income to segment operating income:

	Three Months Ended				Nine Months Ended			
	September 30		2018 over 2017		September 30		2018 over 2017	
(\$ in millions)	2018	2017	Dollar	Percent	2018	2017	Dollar	Percent
Operating income (loss)	\$290	\$241	\$49	20 %	\$738	\$650	\$88	14 %
Operating FAS/CAS Adjustment	(73)	(50)	(23)	(46)%	(218)	(156)	(62)	(40)%
Non-current state income taxes	—	1	(1)	(100)%	(5)	5	(10)	(200)%
Segment operating income (loss)	\$217	\$192	\$25	13 %	\$515	\$499	\$16	3 %

Segment Operating Income

Segment operating income for the three months ended September 30, 2018, was \$217 million, an increase of \$25 million from the same period in 2017. The increase was primarily due to favorable changes in workers' compensation expense, as well as higher risk retirement on the Legend class NSC program, partially offset by the resolution in 2017 of outstanding contract changes on the inactivation of the decommissioned Enterprise (CVN 65) and the RCOH of USS Abraham Lincoln (CVN 72), as well as the 2017 release of a portion of an accounts receivable allowance on a nuclear and environmental commercial contract and lower risk retirement on the San Antonio class (LPD 17) program.

Segment operating income for the nine months ended September 30, 2018, was \$515 million, an increase of \$16 million from the same period in 2017. The increase was primarily due to favorable changes in workers' compensation expense, higher risk retirement on the San Antonio class (LPD 17) program, recoveries related to a settlement agreement at our Ingalls segment, and an allowance for accounts receivable on a nuclear and environmental commercial contract in 2017, partially offset by the resolution in 2017 of outstanding contract changes on the inactivation of the decommissioned Enterprise (CVN 65) and the RCOH of USS Abraham Lincoln (CVN 72), lower risk retirement on Tripoli (LHA 7) and the Legend class NSC program, and one time employee bonus payments in 2018 related to the Tax Act.

Activity within each segment is discussed in Segment Operating Results below.

FAS/CAS Adjustment and Operating FAS/CAS Adjustment

The FAS/CAS Adjustment reflects the difference between expenses for pension and other postretirement benefits determined in accordance with GAAP ("FAS") and the expenses for these items included in segment operating income in accordance with U.S. Cost Accounting Standards ("CAS"). The Operating FAS/CAS Adjustment excludes the following components of net periodic benefit costs: interest cost, expected return on plan assets, amortization of prior service cost (credit) and actuarial loss (gain), and settlement and curtailment effects.

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The components of the Operating FAS/CAS Adjustment were as follows:

(\$ in millions)	Three Months Ended		2018 over 2017		Nine Months Ended		2018 over 2017	
	September 30	September 30	Dollar	Percent	September 30	September 30	Dollar	Percent
	2018	2017			2018	2017		
FAS expense	\$(22)	\$(44)	\$22	50 %	\$(68)	\$(128)	\$60	47 %
CAS cost	114	90	24	27 %	342	272	70	26 %
FAS/CAS Adjustment	92	46	46	100 %	274	144	130	90 %
Non-operating retirement expense	(19)	4	(23)	(575)%	(56)	12	(68)	(567)%
Operating FAS/CAS Adjustment	\$73	\$50	\$23	46 %	\$218	\$156	\$62	40 %

The Operating FAS/CAS Adjustment was a net benefit of \$73 million and \$50 million for the three months ended September 30, 2018 and 2017, respectively. The Operating FAS/CAS Adjustment was a net benefit of \$218 million and \$156 million for the nine months ended September 30, 2018 and 2017, respectively. The favorable changes in the Operating FAS/CAS Adjustment of \$23 million and \$62 million for the three and nine months ended September 30, 2018, respectively, compared to the same periods in 2017, were primarily driven by impacts of lower discount and interest rates.

Non-current State Income Taxes

Non-current state income taxes include deferred state income taxes, which reflect the change in deferred state tax assets and liabilities, and the tax expense or benefit associated with changes in state uncertain tax positions in the relevant period. These amounts are recorded within operating income. Current period state income tax expense is charged to contract costs and included in cost of sales and service revenues in segment operating income.

Non-current state income tax expense for the three months ended September 30, 2018, decreased \$1 million compared to the same period in 2017. The favorable change in non-current state income taxes was primarily attributable to changes in pension related adjustments. Non-current state income tax benefit for the nine months ended September 30, 2018, was \$5 million, compared to a non-current state income tax expense of \$5 million for the same period in 2017. The favorable change in non-current state income taxes was primarily attributable to changes in pension related adjustments.

Interest Expense

Interest expense for the three and nine months ended September 30, 2018, decreased \$4 million and \$9 million, respectively, compared with the same periods in 2017, primarily as a result of refinancing 5.000% senior notes due in 2021 with 3.483% senior notes due in 2027.

Non-Operating Retirement Expense

The non-operating retirement expense includes the following components of net periodic benefit costs: interest cost, expected return on plan assets, amortization of prior service cost (credit) and actuarial loss (gain), and settlement and curtailment effects. For the three and nine months ended September 30, 2018, the favorable changes in the non-operating retirement expense of \$23 million and \$68 million, respectively, were primarily driven by favorable 2017 returns on plan assets.

Federal and Foreign Income Taxes

Our effective tax rate on earnings from operations for the three months ended September 30, 2018, was 22.4%, compared with 32.3% for the same period in 2017. Our effective tax rate on earnings from operations for the nine months ended September 30, 2018, was 17.0%, compared with 29.1% for the same period in 2017. The lower effective tax rate for the three months ended September 30, 2018, was primarily attributable to the reduction in the federal corporate income tax rate, partially offset by the repeal of the domestic manufacturing deduction effective January 1, 2018, and an adjustment to a claim for research and development tax credits for the post-spin-off 2011 through 2015 tax years. The lower effective tax rate for the nine months ended September 30, 2018, was primarily attributable to the reduction in the federal corporate income tax rate and a claim for higher research and

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development tax credits for the post-spin-off 2011 through 2015 tax years, partially offset by a reduction in the income tax benefits resulting from stock award settlement activity, the repeal of the domestic manufacturing deduction effective January 1, 2018, and an increase in unrecognized tax benefits. The reduction in the federal corporate income tax rate from 35% to 21% and the repeal of the domestic manufacturing deduction are provisions of the Tax Act. For the three months ended September 30, 2018, our effective tax rate differed from the federal statutory rate primarily as a result of an adjustment to a claim for research and development tax credits for the post-spin-off 2011 through 2015 tax years. For the nine months ended September 30, 2018, our effective tax rate differed from the federal statutory tax rate as a result of a claim for higher research and development tax credits for the post-spin-off 2011 through 2015 tax years. See Note 12: Income Taxes and Note 17: Stock Compensation Plans.

SEGMENT OPERATING RESULTS

Basis of Presentation

We are aligned into three reportable segments: Ingalls, Newport News, and Technical Solutions.

The following table presents segment operating results:

	Three Months Ended			Nine Months Ended			2018 over 2017			
	September 30		2018 over 2017		September 30		2018 over 2017		2018 over 2017	
(\$ in millions)	2018	2017	Dollars	Percent	2018	2017	Dollars	Percent	2018	Percent
Sales and Service Revenues										
Ingalls	\$694	\$593	\$101	17 %	\$1,908	\$1,782	\$126	7 %		
Newport News	1,179	1,053	126	12 %	3,444	3,025	419	14 %		
Technical Solutions	245	241	4	2 %	721	710	11	2 %		
Intersegment eliminations	(35)	(24)	(11)	(46)%	(96)	(72)	(24)	(33)%		
Sales and service revenues	\$2,083	\$1,863	\$220	12 %	\$5,977	\$5,445	\$532	10 %		
Operating Income (Loss)										
Ingalls	\$82	\$74	\$8	11 %	\$229	\$238	\$(9)	(4)%		
Newport News	119	96	23	24 %	261	248	13	5 %		
Technical Solutions	16	22	(6)	(27)%	25	13	12	92 %		
Segment operating income (loss)	217	192	25	13 %	515	499	16	3 %		
Non-segment factors affecting operating income (loss)										
Operating FAS/CAS Adjustment	73	50	23	46 %	218	156	62	40 %		
Non-current state income taxes	—	(1)	1	100 %	5	(5)	10	200 %		
Operating income (loss)	\$290	\$241	\$49	20 %	\$738	\$650	\$88	14 %		

KEY SEGMENT FINANCIAL MEASURES

Sales and Service Revenues

Period-to-period revenues reflect performance under new and ongoing contracts. Changes in sales and service revenues are typically expressed in terms of volume. Unless otherwise described, volume generally refers to increases (or decreases) in reported revenues due to varying production activity levels, delivery rates, or service levels on individual contracts. Volume changes will typically carry a corresponding income change based on the margin rate for a particular contract.

Segment Operating Income

Segment operating income reflects the aggregate performance results of contracts within a segment. Excluded from this measure are certain costs not directly associated with contract performance, including the Operating FAS/CAS Adjustment and non-current state income taxes. Changes in segment operating income are typically expressed in

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terms of volume, as discussed above, or performance. Performance refers to changes in contract margin rates. These changes typically relate to profit recognition associated with revisions to total estimated costs at completion ("EAC") of a contract, which reflect improved or deteriorated operating performance on that contract. Operating income changes are accounted for on a cumulative to date basis at the time an EAC change is recorded. Segment operating income may be affected by, among other things, contract performance, the effects of workforce stoppages, the effects of natural disasters such as hurricanes, resolution of disputed items with the customer, recovery of insurance proceeds, and other discrete events. At the completion of a long-term contract, any originally estimated costs not incurred or reserves not fully utilized, such as warranty reserves, could also impact contract earnings. Where such items have occurred and the effects are material, a separate description is provided.

Cumulative Adjustments

For the three and nine months ended September 30, 2018 and 2017, favorable and unfavorable cumulative catch-up adjustments were as follows:

	Three Months Ended		Nine Months Ended	
	September 30		September 30	
(\$ in millions)	2018	2017	2018	2017
Gross favorable adjustments	\$ 61	\$ 78	\$ 163	\$ 223
Gross unfavorable adjustments	(27)	(22)	(64)	(81)
Net adjustments	\$ 34	\$ 56	\$ 99	\$ 142

For the three months ended September 30, 2018, favorable cumulative catch-up adjustments were related to risk retirement on the Legend class NSC program and other individually insignificant adjustments. During the same period, none of the unfavorable cumulative catch-up adjustments were individually significant. For the nine months ended September 30, 2018, favorable cumulative catch-up adjustments were related to risk retirement on the San Antonio class (LPD 17) program, the Legend class NSC program, and the Virginia class (SSN 774) submarine program, as well as other individually insignificant adjustments. During the same period, none of the unfavorable cumulative catch-up adjustments were individually significant.

For the three months ended September 30, 2017, favorable cumulative catch-up adjustments were related to the resolution of outstanding contract changes on the inactivation of the decommissioned Enterprise (CVN 65) and the RCOH of USS Abraham Lincoln (CVN 72), risk retirement on the Portland (LPD 27), and other individually insignificant adjustments. During the same period, none of the unfavorable cumulative catch-up adjustments were individually significant. For the nine months ended September 30, 2017, favorable cumulative catch-up adjustments were related to risk retirement on the Legend class NSC program, Tripoli (LHA 7), Portland (LPD 27), and the delivered USS John Finn (DDG 113), the resolution of outstanding contract changes on the inactivation of the decommissioned Enterprise (CVN 65) and the RCOH of USS Abraham Lincoln (CVN 72), and other individually insignificant adjustments. During the same period, none of the unfavorable cumulative catch-up adjustments were individually significant.

Ingalls

	Three Months Ended			Nine Months Ended		
	September 30			September 30		
(\$ in millions)	2018	2017	2018 over 2017 DollarPercent	2018	2017	2018 over 2017 DollarsPercent
Sales and service revenues	\$694	\$593	\$101 17 %	\$1,908	\$1,782	\$126 7 %

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Segment operating income (loss)	82	74	8	11	%	229	238	(9)	(4)%
As a percentage of segment sales	11.8	%	12.5	%		12.0	%	13.4	%		

Sales and Service Revenues

Ingalls revenues for the three months ended September 30, 2018, increased \$101 million, or 17%, from the same period in 2017, primarily driven by higher revenues in amphibious assault ships and the Legend class NSC program, partially offset by lower revenues in surface combatants. Amphibious assault ships revenues increased as a result of higher volumes on Richard M. McCool Jr. (LPD 29), Bougainville (LHA 8), and Fort Lauderdale (LPD 28),

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partially offset by lower volumes on the delivered USS Portland (LPD 27) and Tripoli (LHA 7). Revenues on the Legend class NSC program increased due to higher volumes on Stone (NSC 9) and NSC 10 (unnamed), partially offset by lower volume on Midgett (NSC 8). Surface combatants revenues decreased due to lower volumes on the delivered USS Ralph Johnson (DDG 114), Paul Ignatius (DDG 117), and Lenah H. Sutcliffe Higbee (DDG 123), partially offset by higher volumes on USS Fitzgerald (DDG 62) repair and restoration.

Ingalls revenues for the nine months ended September 30, 2018, increased \$126 million, or 7%, from the same period in 2017, primarily driven by higher revenues in amphibious assault ships, partially offset by lower revenues in surface combatants and the Legend class NSC program. Amphibious assault ships revenues increased as a result of higher volumes on Richard M. McCool Jr. (LPD 29), Bougainville (LHA 8), and Fort Lauderdale (LPD 28), partially offset by lower volumes on the delivered USS Portland (LPD 27) and Tripoli (LHA 7). Surface combatants revenues decreased due to lower volumes on Lenah H. Sutcliffe Higbee (DDG 123), the delivered USS Ralph Johnson (DDG 114), Paul Ignatius (DDG 117), and the delivered USS John Finn (DDG 113), partially offset by higher volumes on USS Fitzgerald (DDG 62) repair and restoration, Jack H. Lucas (DDG 125), Frank E. Petersen Jr. (DDG 121), and Delbert D. Black (DDG 119). Revenues on the Legend class NSC program decreased due to lower volume on Kimball (NSC 7) and lower risk retirement across the program, partially offset by higher volumes on Stone (NSC 9) and NSC 10 (unnamed).

Segment Operating Income

Ingalls segment operating income for the three months ended September 30, 2018, was \$82 million, compared with \$74 million for the same period in 2017. The increase was primarily due to higher volume described above and higher risk retirement on the Legend class NSC program, partially offset by lower risk retirement on the San Antonio class (LPD 17) program.

Ingalls segment operating income for the nine months ended September 30, 2018, was \$229 million, compared with \$238 million for the same period in 2017. The decrease was primarily due to lower risk retirement on Tripoli (LHA 7) and the Legend class NSC program, partially offset by higher risk retirement on the San Antonio class (LPD 17) program and recoveries related to a settlement agreement.

Newport News

	Three Months Ended			Nine Months Ended				
	September 30		2018 over 2017	September 30		2018 over 2017		
(\$ in millions)	2018	2017	Dollar	Percent	2018	2017	Dollar	Percent
Sales and service revenues	\$1,179	\$1,053	\$126	12 %	\$3,444	\$3,025	\$419	14 %
Segment operating income (loss)	119	96	23	24 %	261	248	13	5 %
As a percentage of segment sales	10.1	% 9.1	%		7.6	% 8.2	%	

Sales and Service Revenues

Newport News revenues for the three months ended September 30, 2018, increased \$126 million, or 12%, from the same period in 2017, primarily driven by higher revenues in aircraft carriers and naval nuclear support services. Aircraft carriers revenues increased primarily as a result of higher volumes on the execution contract for the RCOH of USS George Washington (CVN 73) and the advance planning contract for Enterprise (CVN 80), partially offset by lower volumes on the inactivation of the decommissioned aircraft carrier Enterprise (CVN 65), the execution contract for the RCOH of the redelivered USS Abraham Lincoln (CVN 72), and the construction contract for John F. Kennedy (CVN 79). Naval nuclear support services revenues increased primarily as a result of higher volumes in submarine

support and facility maintenance services. Submarines revenues related to the Virginia class (SSN 774) submarine program were consistent with the same period in 2017 due to lower volumes on Block III boats offset by higher volumes on Block V boats.

Newport News revenues for the nine months ended September 30, 2018, increased \$419 million, or 14%, from the same period in 2017, primarily driven by higher revenues in aircraft carriers, naval nuclear support services, and submarines. Aircraft carriers revenues increased primarily as a result of higher volumes on the execution contract for the RCOH of USS George Washington (CVN 73), the advance planning contract for Enterprise (CVN 80), and the construction contract for John F. Kennedy (CVN 79), partially offset by lower volumes on the execution contract

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for the RCOH of the redelivered USS Abraham Lincoln (CVN 72), the inactivation of the decommissioned aircraft carrier Enterprise (CVN 65), and the construction contract for the delivered USS Gerald R. Ford (CVN 78). Naval nuclear support services revenues increased primarily as a result of higher volumes in submarine support and facility maintenance services, partially offset by lower volumes in aircraft carrier support services. Submarines revenues related to the Virginia class (SSN 774) submarine program increased due to higher volumes on Block IV and Block V boats, partially offset by lower volumes on Block III boats.

Segment Operating Income

Newport News segment operating income for the three months ended September 30, 2018, was \$119 million, compared with \$96 million for the same period in 2017. The increase was primarily due to favorable changes in workers' compensation expense, partially offset by the resolution in 2017 of outstanding contract changes on the inactivation of the decommissioned Enterprise (CVN 65) and the RCOH of USS Abraham Lincoln (CVN 72).

Newport News segment operating income for the nine months ended September 30, 2018, was \$261 million, compared with \$248 million for the same period in 2017. The increase was primarily due to favorable changes in workers' compensation expense, partially offset by the resolution in 2017 of outstanding contract changes on the inactivation of the decommissioned Enterprise (CVN 65) and the RCOH of USS Abraham Lincoln (CVN 72), as well as one time employee bonus payments in 2018 related to the Tax Act.

Technical Solutions

	Three Months Ended		Nine Months Ended	
	September 30	2018 over 2017	September 30	2018 over 2017
(\$ in millions) 2018		2017	Dollars	Percent 2018