UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d)
of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): October 17, 2013

INTUITIVE SURGICAL, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 000-30713 (Commission File Number) 77-0416458 (I.R.S. Employer Identification No.)

1266 Kifer Road Sunnyvale, California 94086 (Address of principal executive offices) (zip code)

Registrant's telephone number, including area code: (408) 523-2100

k the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following sions:
Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On October 17, 2013, Intuitive Surgical, Inc. ("Intuitive") issued a press release announcing its financial results for the quarter ended September 30, 2013. A copy of the press release is attached hereto as Exhibit 99.1.

The information in this Current Report, including Exhibit 99.1, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities under that Section and shall not be deemed to be incorporated by reference into any filing of Intuitive under the Securities Act of 1933 or the Exchange Act.

Item 9.01. Financial Statements and Exhibits.

d) Exhibits.

The following exhibit is furnished with this report on Form 8-K:

99.1 Press Release issued by Intuitive Surgical, Inc., dated October 17, 2013.

SIGNATURES

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

INTUITIVE SURGICAL, INC.

Date: October 17, 2013 By /s/ Marshall L. Mohr

Name: Marshall L. Mohr

Title: Senior Vice President and Chief Financial Officer

EXHIBIT INDEX

Exhibit No. Description

99.1 Press release issued by Intuitive Surgical, Inc., dated October 17, 2013.

Contact: Investor Relations

(408) 523-2161

INTUITIVE SURGICAL ANNOUNCES THIRD QUARTER EARNINGS

SUNNYVALE, CALIF. October 17, 2013 – Intuitive Surgical, Inc. (NASDAQ: ISRG), the industry leader in robotic-assisted surgery, today reported third quarter of 2013 revenue of \$499 million, down approximately 7% compared with \$538 million for the third quarter of 2012.

Third quarter of 2013 instruments and accessories revenue increased 10% to \$239 million from \$218 million in the third quarter of 2012. The growth in instruments and accessories revenue is the result of growth in *da Vinci*® surgical procedures. *da Vinci* surgical procedures grew approximately 16% in the third quarter of 2013 compared to the third quarter of 2012, driven primarily by growth in general surgery, U.S. gynecology and international urology procedures.

Third quarter of 2013 systems revenue was \$159 million, a decrease of 32%, compared with \$232 million during the third quarter of 2012. During the third quarter of 2013, Intuitive Surgical sold 101 *da Vinci* Surgical Systems compared with sales of 155 systems during the same period last year. System sales were down in the third quarter of 2013 primarily as a result of moderating growth in benign gynecology, combined with changing hospital capital spending priorities associated with the implementation of the Affordable Care Act.

Third quarter of 2013 service revenue increased 15% to \$101 million from \$88 million during the third quarter of 2012, reflecting growth in the installed base of *da Vinci* Surgical Systems.

Third quarter of 2013 operating income decreased to \$174 million from \$211 million in the third quarter of 2012. Operating results for the third quarter of 2013 included \$50 million of non-cash stock-based compensation expense compared with \$47 million for the third quarter of 2012.

Intuitive Surgical's income tax rate for the third quarter of 2013 was 12% compared with 15% for the third quarter of 2012. Income tax expense for the third quarter of 2013 and the third quarter of 2012 included discrete tax benefits of \$26 million and \$35 million, respectively, associated with the expiration of the statutes of limitations in multiple jurisdictions.

Third quarter of 2013 net income was \$157 million, or \$3.99 per diluted share, compared with \$183 million, or \$4.46 per diluted share, for the third quarter of 2012.

Intuitive Surgical ended the third quarter of 2013 with \$2.5 billion in cash, cash equivalents and investments, reflecting a decrease of \$495 million during the quarter. \$694 million in cash was used to repurchase approximately 1.74 million shares of Intuitive Surgical's common stock in the third quarter of 2013 at an average price of \$398.87 per share.

Commenting on the announcement, Dr. Gary Guthart, President and CEO of Intuitive Surgical, said, "Our third quarter results were impacted by the same pressures we faced in the first half of the year - namely, moderating growth in benign gynecology, combined with changing hospital capital spending priorities associated with the implementation of the Affordable Care Act. We remain confident in the long-term opportunity to fundamentally improve surgery using our technologies. We are focused on educating our community on the safety, efficacy and cost-effectiveness of our products, expanding our capabilities for general surgery, extending the benefits of minimally invasive surgery using *da Vinci* in gynecology and urology worldwide, and continuing our launch of new products to serve our customers and their patients."

Intuitive Surgical will discuss these results at a conference call today at 1:30 pm PDT. The dial-in numbers for the call are (800) 230-1092 for participants located in the United States and (612) 288-0337 for participants located outside the United States. The host is Dr. Gary Guthart. To access financial information that will be discussed on the call, please visit Intuitive Surgical's website at www.intuitivesurgical.com.

About Intuitive Surgical, Inc.

Intuitive Surgical, Inc. (Nasdaq: ISRG), headquartered in Sunnyvale, Calif., is the global leader in robotic-assisted, minimally invasive surgery. Intuitive Surgical develops, manufactures and markets the *da Vinci* Surgical System. Intuitive Surgical's mission is to extend the benefits of minimally invasive surgery to those patients who can and should benefit from it.

About the da Vinci Surgical System

The *da Vinci* Surgical System is a surgical platform designed to enable complex surgery using a minimally invasive approach. The *da Vinci* Surgical System consists of an ergonomic surgeon console or consoles, a patient-side cart with three or four interactive arms, a high-performance vision system and proprietary *EndoWrist*® instruments. Powered by state-of-the-art technology, the *da Vinci* Surgical System is designed to scale, filter and seamlessly translate the surgeon's hand movements into more precise movements of the *EndoWrist* instruments. The net result is an intuitive interface with improved surgical capabilities. By providing surgeons with superior visualization, enhanced dexterity, greater precision and ergonomic comfort, the *da Vinci* Surgical System makes it possible for skilled surgeons to perform more minimally invasive procedures involving complex dissection or reconstruction. For more information about clinical evidence related to *da Vinci* Surgery, please visit www.intuitivesurgical.com/company/clinical-evidence/

da Vinci® and EndoWrist® are trademarks of Intuitive Surgical, Inc.

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This press release contains forward-looking statements. These forward-looking statements are necessarily estimates reflecting the best judgment of our management and involve a number of risks and uncertainties that could cause actual results to differ materially from those suggested by the forward-looking statements. These forward-looking statements should, therefore, be considered in light of various important factors, including the following: the impact of global and regional economic and credit market conditions on health care spending; the possibility of another shutdown of the U.S. federal government and market impact if Congress fails to reach further agreement regarding the budget and debt ceiling; health care reform legislation in the United States and its impact on hospital spending, reimbursement and fees which will be levied on certain medical device revenues; decreases in hospital admissions and actions by payers to limit or manage surgical procedures; timing and success of product development and market acceptance of developed products; procedure counts; regulatory approvals, clearances and restrictions; guidelines and recommendations in the health care and patient communities; intellectual property positions and litigation; competition in the medical device industry and in the specific markets of surgery in which we operate; unanticipated manufacturing disruptions or the inability to meet demand for products; the results of legal proceedings to which we are or may become a party; product liability and other litigation claims; adverse publicity regarding the Company and the safety of our products and adequacy of training; our ability to expand into foreign markets; and other risk factors under the heading "Risk Factors" in our report on Form 10-K for the year ended December 31, 2012, as updated from time to time by our quarterly reports on Form 10-Q and our other filings with the Securities and Exchange Commission. Statements concerning forecasts, revenue growth, procedure growth, future financial results and statements using Words such as "estimates," "projects," "believes," "anticipates," "expects," "intends," "may," "will," "could," "should," "would," "targeted" and similar words and expressions are intended to identify forward-looking statements. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this press release. We undertake no obligation to publicly update or release any revisions to these forward-looking statements, except as required by law.

INTUITIVE SURGICAL, INC. UNAUDITED QUARTERLY CONSOLIDATED STATEMENTS OF INCOME (IN MILLIONS, EXCEPT PER SHARE DATA)

		Three months ended					
	Septen	September 30, 2013		June 30, 2013		September 30, 2012	
Revenue:							
Instruments and accessories	\$	239.1	\$	264.5	\$	218.0	
Systems		158.5		215.9		232.0	
Services		101.4		98.1		87.8	
Total revenue		499.0		578.5		537.8	
Cost of revenue:							
Product		112.0		140.9		119.3	
Service		30.3		32.4		28.4	
Total cost of revenue (1)		142.3		173.3		147.7	
Gross profit		356.7		405.2		390.1	
Operating expenses:							
Selling, general, and administrative		139.3		145.5		129.0	
Research and development		43.2		41.2		49.7	
Total operating expenses (1)		182.5		186.7		178.7	
Income from operations (2)		174.2		218.5		211.4	
Interest and other income, net		3.9		4.3		4.3	
Income before taxes		178.1		222.8		215.7	
Income tax expense		21.3		63.7		32.4	
Net income	\$	156.8	\$	159.1	\$	183.3	
Net income per share:							
Basic	\$	4.06	\$	3.99	\$	4.59	
Diluted	\$	3.99	\$	3.90	\$	4.46	
Shares used in computing net income per share:							
Basic		38.6		39.9		39.9	
Diluted		39.3		40.8		41.1	
(1) Includes share-based compensation expense as follows:							
Total cost of revenue	\$	8.8	\$	7.1	\$	8.4	
Total operating expenses	\$	41.6	\$	31.6	\$	38.9	
(2) Includes amortization of purchased intangibles as follows:							
Income from operations	\$	5.3	\$	5.7	\$	5.4	

INTUITIVE SURGICAL, INC. UNAUDITED NINE MONTHS ENDED CONSOLIDATED STATEMENTS OF INCOME (IN MILLIONS, EXCEPT PER SHARE DATA)

	Ni	Nine months ended September 30,		
	20	013	2012	
Revenue:				
Instruments and accessories	\$	764.7 \$	649.5	
Systems		630.3	668.0	
Services		293.9	252.0	
Total revenue		1,688.9	1,569.5	
Cost of revenue:				
Product		399.2	353.9	
Service		93.5	83.2	
Total cost of revenue (1)		492.7	437.1	
Gross profit		1,196.2	1,132.4	
Operating expenses:				
Selling, general, and administrative		426.3	374.1	
Research and development		126.0	128.3	
Total operating expenses (1)		552.3	502.4	
Income from operations (2)		643.9	630.0	
Interest and other income, net		12.5	12.1	
Income before taxes		656.4	642.1	
Income tax expense		151.6	160.4	
Net income	\$	504.8 \$	481.7	
Net income per share:				
Basic	\$	12.75 \$	12.10	
Diluted	\$	12.46 \$	11.72	
Shares used in computing net income per share:				
Basic		39.6	39.8	
Diluted		40.5	41.1	
(1) Includes share-based compensation expense as follows:				
Total cost of revenue	\$	22.7 \$	20.2	
Total operating expenses	\$	104.6 \$	94.8	
(2) Includes amortization of purchased intangibles as follows:				
Income from operations	\$	16.6 \$	17.2	

INTUITIVE SURGICAL, INC. UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS (IN MILLIONS)

	September 30, 2013		December 31, 2012	
Cash, cash equivalents and investments	\$	2,532.3	\$	2,920.5
Accounts receivable, net		280.6		370.3
Inventories		200.1		121.5
Property, plant and equipment, net		294.2		241.8
Goodwill		137.4		138.1
Deferred tax assets		131.5		96.3
Other assets		121.3		170.7
Total assets	\$	3,697.4	\$	4,059.2
Accounts payable and other accrued liabilities	\$	239.3	\$	292.7
Deferred revenue		193.8		186.4
Total liabilities		433.1		479.1
Stockholders' equity		3,264.3		3,580.1
Total liabilities and stockholders' equity	\$	3,697.4	\$	4,059.2