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): July 19, 2012

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

ck 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 visions:
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 July 19, 2012, Intuitive Surgical, Inc. ("Intuitive") issued a press release announcing its financial results for the quarter ended June 30, 2012. 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 July 19, 2012.

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.

Date: July 19, 2012

INTUITIVE SURGICAL, INC.

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 July 19, 2012.

Exhibit 99.1

FOR IMMEDIATE RELEASE Contact: Investor Relations 408-523-2161

INTUITIVE SURGICAL ANNOUNCES SECOND QUARTER EARNINGS

SUNNYVALE, CALIF. July 19, 2012 – Intuitive Surgical, Inc. (NASDAQ: ISRG), the industry leader in surgical robotics, today reported second quarter of 2012 revenue of \$537 million, up approximately 26% compared with \$426 million for the second quarter of 2011. Second quarter of 2012 revenue growth was driven by continued adoption of *da Vinci* surgery procedures and higher *da Vinci* Surgical System sales.

Second quarter of 2012 instruments and accessories revenue increased 30% to \$224 million from \$172 million in the second quarter of 2011. The growth in instruments and accessories revenue is the result of growth in *da Vinci* surgical procedures and the introduction of new products. Procedure growth of approximately 26% primarily reflects higher US gynecologic procedures, US general surgery procedures and international urologic procedures, partially offset by a decline in US prostatectomy procedures.

Second quarter of 2012 systems revenue was \$229 million, an increase of 23%, compared with \$187 million during the second quarter of 2011. The growth in second quarter 2012 systems revenue was driven by sales of 150 *da Vinci* Surgical Systems compared with 129 system sales during the same period last year. Second quarter of 2012 service revenue increased 23% to \$83 million from \$68 million during the second quarter of 2011, reflecting growth in the installed base of *da Vinci* Surgical Systems.

Second quarter of 2012 operating income increased to \$225 million from \$168 million in the second quarter of 2011. Operating results for the second quarter of 2012 included \$33 million of non-cash stock-based compensation expense compared with \$35 million for the second quarter of 2011.

Second quarter of 2012 net income was \$155 million, or \$3.75 per diluted share, compared with \$117 million, or \$2.91 per diluted share, for the second quarter of 2011.

Intuitive ended the second quarter of 2012 with \$2.6 billion in cash, cash equivalents and investments, reflecting an increase of \$260 million during the quarter.

Commenting on the announcement, Dr. Gary Guthart, President and CEO of Intuitive Surgical, said, "Our solid second quarter revenue and earnings performance is the result of robust US gynecologic and general surgery procedure growth offset by pressure in Europe and US prostatectomy."

The Company will also announce these results at a conference call today at 1:30 pm PDT. The dial-in numbers for the call are 800-230-1096 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's Products

Intuitive Surgical, Inc. (NASDAQ: ISRG), headquartered in Sunnyvale, California, is the global technology leader in robotic-assisted, minimally invasive surgery. Intuitive Surgical develops, manufactures and markets robotic technologies designed to improve clinical outcomes and help patients return more quickly to active and productive lives. The Company's mission is to extend the benefits of minimally invasive surgery to the broadest possible base of patients. Intuitive Surgical — Taking surgery beyond the limits of the human handTM.

About the da Vinci® Surgical System

The *da Vinci*® Surgical System is a breakthrough 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 robotic arms, a high-performance vision system and proprietary *EndoWrist*® instruments. Powered by state-of-the-art robotic and computer 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 breakthrough surgical capabilities. By providing surgeons with superior visualization, enhanced dexterity, greater precision and ergonomic comfort, the *da Vinci*® Surgical System makes it possible for more surgeons to perform minimally invasive procedures involving complex dissection or reconstruction. This ultimately has the potential to raise the standard of care for complex surgeries, translating into numerous potential patient benefits, including less pain, a shorter recovery and quicker return to normal daily activities.

Intuitive®, Intuitive Surgical®, da Vinci®, da Vinci®, da Vinci® S HD Surgical System, da Vinci® Si, da Vinci® Si-eTM Surgical System, EndoWrist®, EndoWrist® OneTM, Single-SiteTM, DVSTAT®, FireflyTM and InSite® are trademarks or registered trademarks of Intuitive Surgical, Inc.

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This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. 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; health care reform legislation in the United States and its implications on hospital spending, reimbursement and fees which will be levied on certain medical device revenues; 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; 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, 2011, as updated from time to time by our quarterly reports on Form 10-Q and our other fillings with the Securities and Exchange Commission. Statements concerning forecasts, revenue growth, procedure growth, future financial results and statements using Words such as "estimates," "pojects," "believes," "anticipates," "plans," "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 forwa

INTUITIVE SURGICAL, INC.

UNAUDITED QUARTERLY CONSOLIDATED STATEMENTS OF INCOME (IN MILLIONS, EXCEPT PER SHARE DATA)

evenue: Instruments & Accessories	June 30, 2012 \$223.7 229.4	March 31, 2012	June 30, 2011
Instruments & Accessories			
		A	
	229.4	\$ 207.8	\$171.5
Systems		206.6	186.6
Services	83.4	80.8	67.6
Total revenue	536.5	495.2	425.7
ost of revenue:			
Products	122.9	111.7	93.5
Services	27.2	27.6	25.6
Total cost of revenue (1)	150.1	139.3	119.1
Gross profit	386.4	355.9	306.6
perating expenses:			
Selling, general and administrative	120.9	124.2	106.5
Research and development	40.2	38.4	32.0
Total operating expenses (1)	161.1	162.6	138.5
ncome from operations (2)	225.3	193.3	168.1
nterest and other income (expense), net	4.0	3.8	4.1
ncome before income taxes	229.3	197.1	172.2
rovision for income taxes	74.4	53.6	54.8
Net lncome		\$ 143.5	\$117.4
arnings per share:			
Basic	\$ 3.88	\$ 3.63	\$ 2.99
Diluted	\$ 3.75	\$ 3.50	\$ 2.91
hares used in computing earnings per share:			
Basic	39.9	39.5	39.2
Diluted	41.3	41.0	40.3
1) Includes stock-based compensation expense as follows:			
Total cost of revenue	\$ 5.8	\$ 5.9	\$ 6.0
Total operating expenses	\$ 27.5	\$ 28.5	\$ 28.8
2) Includes amortization of purchased intangibles as follows:			
Income from operations	\$ 6.1	\$ 5.8	\$ 4.3

INTUITIVE SURGICAL, INC.

UNAUDITED SIX MONTHS ENDED CONSOLIDATED STATEMENTS OF INCOME (IN MILLIONS, EXCEPT PER SHARE DATA)

		Six months ended June 30,	
_	2012	2011	
Revenue:		40000	
Instruments & Accessories	\$ 431.5	\$328.9	
Systems	436.0	353.7	
Services	<u>164.2</u>	131.2	
Total revenue	1,031.7	813.8	
Cost of revenue:			
Products	234.6	178.3	
Services	54.8	50.1	
Total cost of revenue (1)	289.4	228.4	
Gross profit	742.3	585.4	
Operating expenses:			
Selling, general and administrative	245.1	205.6	
Research and development	78.6	63.4	
Total operating expenses (1)	323.7	269.0	
Income from operations (2)	418.6	316.4	
Interest and other income (expense), net	7.8	9.4	
Income before income taxes	426.4	325.8	
Provision for income taxes	128.0	104.3	
Net income	\$ 298.4	\$221.5	
Earnings per share:			
Basic	\$ 7.52	\$ 5.65	
Diluted	\$ 7.26	\$ 5.51	
Shares used in computing earnings per share:			
Basic	39.7	39.2	
Diluted	41.1	40.2	
(1) Includes stock-based compensation expense as follows:			
Total cost of revenue	\$ 11.7	\$ 11.3	
Total operating expenses	\$ 56.0	\$ 55.6	
(2) Includes amortization of purchased intangibles as follows:			
Income from operations	\$ 12.0	\$ 8.7	

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

	6/30/2012	12/31/2011
Cash, cash equivalents, and investments		\$2,171.8
Accounts receivable, net	323.2	297.9
Inventory	119.4	112.1
Property and equipment, net	216.1	197.2
Goodwill	138.1	116.9
Deferred tax assets	82.0	75.3
Other assets	116.1	91.9
Total assets	\$3,626.1	\$3,063.1
Accounts payable and other accrued liabilities	\$ 274.8	\$ 262.3
Deferred revenue		155.2
Total liabilities	443.7	417.5
Stockholders' equity	3,182.4	2,645.6
Total liabilities and stockholders' equity	\$3,626.1	\$3,063.1