

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. _____)*

Integrated Surgical Systems, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

45812Y-10-8

(CUSIP Number)

Check the following box if a fee is being paid with this statement [X]. (A fee is not required only if the filing person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7).

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Page 1 of 4 pages

CUSIP No. 45812Y-10-8

13G

Page ___ of ___ Pages

=====

1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

International Business Machines Corporation
EIN No. 13-0871985

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a)
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

5 SOLE VOTING POWER
NUMBER OF 2,274,066
SHARES

6 SHARED VOTING POWER
BENEFICIALLY 0

7 SOLE DISPOSITIVE POWER
OWNED BY 2,274,066
EACH
REPORTING

PERSON WITH

0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,274,066

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* |_|

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

59.8%

12 TYPE OF REPORTING PERSON*

CO
=====

*SEE INSTRUCTION BEFORE FILLING OUT!

SCHEDULE 13G FILED ON
BEHALF OF INTERNATIONAL BUSINESS MACHINES CORPORATION
REGARDING INTEGRATED SURGICAL SYSTEMS, INC.

ITEM 1

(a) Name of Issuer: Integrated Surgical Systems, Inc.

(b) Address of Issuer: Principal Executive Offices:

829 Stadium Lane
Sacramento, CA 95834

ITEM 2

(a) Name of Person Filing: International Business Machines Corporation

(b) Address of Principal Business Office:

Old Orchard Road
Armonk, NY 10504

(c) Citizenship: New York, USA

(d) Title of Class of Securities: Common Stock

(e) CUSIP Number: 459200-10-1

ITEM 3

Not Applicable

ITEM 4

(a) Amount Beneficially Owned: 2,274,066 Common Shares

(b) Percent of Class: 59.8%

(c) Number of Shares as to which such person has:

(i) sole power to vote or to direct the vote	2,274,066
(ii) shared power to vote or to direct the vote	N/A
(iii) sole power to dispose or to direct the disposition of	2,274,066
(iv) shared power to dispose or to direct the disposition of	N/A

ITEM 5 Not Applicable

ITEM 6 Not Applicable

ITEM 7 Not Applicable

ITEM 8 Not Applicable

ITEM 9 Not Applicable

ITEM 10 Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

January 20, 1997

Date

/s/ John E. Hickey

Signature

Name: John E. Hickey
Title: Vice President, Secretary and
Assistant General Counsel