Frisch Michael F
Form 4
October 17, 2011

# FORM 4

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

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
*See* Instruction
1(b).

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

| OMB APPROVAL | |
|---|---|
| OMB Number: | 3235-0287 |
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(Print or Type Responses)

| 1. Name and Address of Reporting Person [*]<br>Frisch Michael F | 2. Issuer Name **and** Ticker or Trading Symbol<br>Alliance HealthCare Services, Inc [AIQ] | 5. Relationship of Reporting Person(s) to Issuer<br><br>(Check all applicable) |
|---|---|---|
| (Last)  (First)  (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br>09/01/2011 | _____ Director          _____ 10% Owner<br>__X__ Officer (give title _____ Other (specify below)<br>President - Imaging Division |
| 100 BAYVIEW CIRCLE, SUITE 400 | | |
| (Street) | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line)<br>_X_ Form filed by One Reporting Person<br>___ Form filed by More than One Reporting Person |
| NEWPORT BEACH, CA 92660 | | |
| (City)  (State)  (Zip) | | |

### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 09/01/2011 | | D | | 34,000 (1) | D | $ 0 | 102,735 (2) | D | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

SEC 1474
(9-02)

### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
### (*e.g.*, puts, calls, warrants, options, convertible securities)

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| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | |
| | | | | Code | V | (A) | (D) | | | | | | | |

## Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---|---|---|---|
| | Director | 10% Owner | Officer | Other |
| Frisch Michael F 100 BAYVIEW CIRCLE SUITE 400 NEWPORT BEACH, CA 92660 | | | President - Imaging Division | |

## Signatures

| | |
|---|---|
| Michael F. Frisch by Leigh Ann Clifford w/ Power of Attorney | 10/17/2011 |
| **Signature of Reporting Person | Date |

## Explanation of Responses:

\*     If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\*    Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1)    This filing amends the number of shares disposed of to the issuer, which was incorrectly reported on the 09/22/2011 filing.

(2)    This total reflects the amended number of shares disposed of to the issuer and the additional transaction reported on the 09/22/2011 filing.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.