Aquilano Don N Form 4 December 21, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person <u>*</u> Aquilano Don N | | | Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer | | |
|---|---------|----------|--|--|--|--|
| | | | Rubicon Technology, Inc. [RBCN] | (Check all applicable) | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction | | | |
| | | | (Month/Day/Year) | X Director 10% Owner | | |
| C/O RUBICON TECHNOLOGY | | | 12/17/2009 | Officer (give title Other (specify below) | | |
| INC., 9931 FRANKLIN AVENUE | | N AVENUE | | below) below) | | |
| (Street) | | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | |
| | | | Filed(Month/Day/Year) | Applicable Line) | | |
| | | | | _X_ Form filed by One Reporting Person | | |
| FRANKLIN PARK, IL 60131 | | | | Form filed by More than One Reporting | | |

(State)

(Zin)

(City)

| (City) | (State) | (Zip) Tab | le I - Non-l | Derivative | Secur | ities Acqui | red, Disposed of, | or Beneficial | y Owned |
|--------------------------------------|--------------------------------------|---|-----------------|----------------------------|----------------------|-----------------|--|--|---|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | Code (Instr. 8) | omr Dispos (Instr. 3, 4 | ed of dand : (A) or | 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) |
| Common Stock | 12/17/2009 | | Code V M | Amount 55,144 | (D) | Price \$ 3.6478 | 385,199 | I | See Footnote (1) |
| Common Stock | 12/17/2009 | | F | 11,259 | D | \$ 17.876 | 373,940 | I | See Footnote (1) |
| Common Stock | | | | | | | 5,769 | D | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)

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

| 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. Transactio Code (Instr. 8) | 5. Number of orDerivative 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) | |
|---|---|---|---|--|---|--|--------------------|---|-------------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Common Stock Warrants (Right to Buy) | \$ 3.6478 | 12/17/2009 | | M | 47,863 | 11/21/2007 | 12/15/2015 | Common Stock | 47,863 |
| Common Stock Warrants (Right to Buy | \$ 3.6478 | 12/17/2009 | | M | 7,281 | 11/21/2007 | 01/27/2016 | Common Stock | 7,281 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|--|---------------|-----------|---------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |
| Aquilano Don N C/O RUBICON TECHNOLOGY INC. 9931 FRANKLIN AVENUE FRANKLIN PARK, IL 60131 | X | | | | | |

Signatures

/s/ Scott L. Glickson, attorney-in-fact

12/21/2009

**Signature of Reporting Person

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) The Common Stock Warrants were held and converted, on a net issuance basis, into 43,885 shares of Common Stock by Gazelle TechVentures Fund L.P. and Gazelle Co-Investment Fund, L.P. (the "Gazelle Funds"). The Reporting Person, a director of the issuer, is the managing director and president of Gazelle TechVentures, Inc., which is the manager of Monument Technology Partners, LLC, which

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is the general partner of the Gazelle Funds. The Reporting Person disclaims beneficial ownership of the shares held by the Gazelle Funds except to the extent of the Reporting Person's pecuniary interest in the shares.

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.