

Tardif Eric
 Form 4
 February 23, 2011

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Tardif Eric

2. Issuer Name and Ticker or Trading Symbol
 GEN PROBE INC [GPRO]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 02/18/2011

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP, Corp Strat & Market

C/O GEN-PROBE
 INCORPORATED, 10210
 GENETIC CENTER DRIVE

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ____ Form filed by More than One Reporting Person

SAN DIEGO, CA 92121

(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 Ownership (Instr. 4) | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--------|---|--|-----------------------------------|------------|-------|
| | | | | Code | V | Amount | | | | (A) or (D) | Price |
| Common Stock | 02/18/2011 | | M | | | 5,535 | A | \$ 42.66 | 7,880 | D | |
| Common Stock | 02/18/2011 | | M | | | 7,187 | A | \$ 37.95 | 15,067 | D | |
| Common Stock | 02/18/2011 | | M | | | 3,412 | A | \$ 38.51 | 18,479 | D | |
| Common Stock | 02/18/2011 | | S | | | 16,134 | D | \$ 62.9081 (1) | 2,345 | D | |
| | | | | | | | | | 200 | I | |

Common
Stock

by
Spouse

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

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(9-02)

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. 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. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Stock Option (Right to Buy) | \$ 42.66 | 02/18/2011 | | M | 5,535 | ⁽²⁾ 02/10/2017 | Common Stock | 5,535 |
| Stock Option (Right to Buy) | \$ 37.95 | 02/18/2011 | | M | 7,187 | ⁽³⁾ 03/02/2016 | Common Stock | 7,187 |
| Stock Option (Right to Buy) | \$ 38.51 | 02/18/2011 | | M | 3,412 | ⁽⁴⁾ 08/17/2016 | Common Stock | 3,412 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|--------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Tardif Eric C/O GEN-PROBE INCORPORATED 10210 GENETIC CENTER DRIVE SAN DIEGO, CA 92121 | | | SVP, Corp Strat & Market | |

Signatures

/s/ R. William Bowen,
Attorney-in-Fact

02/23/2011

__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).

- This transaction was executed in multiple trades at prices ranging from \$62.66 to \$63.46. The price reported above reflects the weighted average sale price for these transactions. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the reported transactions were effected.
- (1) average sale price for these transactions. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the reported transactions were effected.
 - (2) 25% of the shares subject to the stock option vested and became exercisable on February 10, 2011 and the remaining shares subject to the stock option vest and become exercisable in equal monthly installments over the following three years.
 - (3) 25% of the shares subject to the stock option vested and became exercisable on March 2, 2010 and the remaining shares subject to the stock option vest and become exercisable in equal monthly installments over the following three years.
 - (4) 25% of the shares subject to the stock option vested and became exercisable on August 17, 2010 and the remaining shares subject to the stock option vest and become exercisable in equal monthly installments over the following three years.

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.