MacLennan Mark Form 4 April 28, 2005

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

0.5

Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response...

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)

MacLennan Mark

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Symbol

(Middle)

SILICON VALLEY BANCSHARES

(Check all applicable)

[SIVB]

(Last) (First)

3003 TASMAN DRIVE

3. Date of Earliest Transaction

Director 10% Owner _X__ Officer (give title __X__ Other (specify

(Month/Day/Year)

04/26/2005

below) below) Head of Global Finl Services / Head of

Global Finl Services

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

Code

(Instr. 8)

X Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

Person

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

Issuer

SANTA CLARA, CA 95054

Security

(Instr. 3)

(State) (City) (Zip) 1.Title of 2. Transaction Date 2A. Deemed

(Street)

4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or 5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership

(Instr. 4)

Following (A) or

Disposed of (D)

(Instr. 3, 4 and 5)

Reported Transaction(s)

Code V Amount (D) Price

(Instr. 3 and 4)

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

(Month/Day/Year)

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of 2. 3. Transaction Date 3A. Deemed 4. 5. Number 6. Date Exercisable and Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date

7. Title and Am Underlying Seco

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year	r)	(Instr. 3 and 4	4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	An or No of Sh
Incentive Stock Option (right to buy)	\$ 46.31	04/26/2005		A	2,159	04/26/2006(1)	04/26/2012	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 46.31	04/26/2005		A	7,841	04/26/2006(1)	04/26/2012	Common Stock	7
Restricted Stock Unit	\$ 0	04/26/2005		A	5,250	12/01/2006(2)	12/01/2007	Common Stock	5

Reporting Owners

Reporting Owner Name / Address				Relationships
	ъ.	1000	O CC'	^

Director 10% Owner Officer Other

MacLennan Mark 3003 TASMAN DRIVE SANTA CLARA, CA 95054

Head of Global Finl Services Head of Global Finl Services

Signatures

By: Lisa Bertolet as attorney in fact For: Mark A.

MacLennan

04/28/2005

**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) Stock options were granted to the reporting person. Vesting will occur annually from the date of grant over 4 years with 25% vesting each year.

The reporting person was granted restricted stock units (RSUs) which are subject to performance-based vesting. The RSUs are effective as of 4/26/05, and will vest on 12/1/06, based on the level of return on average equity (ROE) achieved by the Company at December 31,

(2) 2005 as follows: (i) if less than 90% of target, nonewill vest; (ii) if 90% but less than 100% of target 1,750 will vest; (iii) if 100% but less than 110% of target 3,500 will vest; and (iv) if 110% or greater of target 5,250 will vest. Vesting is subject to adjustment by the Compensation Committee as approved to take into account extraordinary items that may impact the calculation of ROE.

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.

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