CAHOUET FRANK V

Form 4

October 20, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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January 31, 2005

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response...

Check this box if no longer subject to Section 16.

Form 4 or

Form 5 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 *

CAHOUET FRANK V

2. Issuer Name and Ticker or Trading

Symbol

5. Relationship of Reporting Person(s) to

Issuer

X Director

TELEDYNE TECHNOLOGIES INC

(Check all applicable)

[TDY]

(Last)

(City)

Security

(Instr. 3)

(Middle)

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

10% Owner Officer (give title Other (specify

10/19/2010

(Street)

(State)

(Month/Day/Year)

(First)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

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

Person

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

below)

THOUSAND OAKS, CA 91360

1049 CAMINO DOS RIOS

2. Transaction Date 2A. Deemed 1.Title of

Execution Date, if

(Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

(A) or

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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

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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	2.	3. Transaction Date	3A. Deemed
Derivative	Conversion	(Month/Day/Year)	Execution Date, if
Security	or Exercise		any

4.	5. Number of
Transact	ionDerivative
Code	Securities

6. Date Exercisable and
Expiration Date
(Month/Day/Year)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)		Acquired (A Disposed of (Instr. 3, 4, 5)	f (D)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Phantom Stock (1)	\$ 0 (1)	10/19/2010		A		72.9394 (1)		<u>(1)</u>	<u>(1)</u>	Common Stock	72.9394 (1)

Reporting Owners

Reporting Owner Name / Address	Relationships					
reporting Owner Nume / Numess	Director	10% Owner	Officer	Other		
CAHOUET FRANK V 1049 CAMINO DOS RIOS THOUSAND OAKS, CA 91360	X					

Signatures

Frank V. Cahouet by Melanie S. Cibik pursuant to Power of Attorney previously filed with SEC.

**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) Represents shares of phantom stock issued to Reporting Person as meeting fees under the Teledyne Technologies Incorporated 2008 Incentive Award Plan Non-Employee Director Administrative Rules and Executive Deferred Compensation Plan.

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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