

CAHOUE FRANK V  
Form 4  
July 28, 2010

**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 \*  
CAHOUE FRANK V

2. Issuer Name and Ticker or Trading Symbol  
TELEDYNE TECHNOLOGIES INC  
[TDY]

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)

(Last) (First) (Middle)  
1049 CAMINO DOS RIOS  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
07/27/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)

THOUSAND OAKS, CA 91360  
(City) (State) (Zip)

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

**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 Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |     |       |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
|                                 |                                      |  |                                | (A) or (D)  | 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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SEC 1474  
(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 | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|

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| (Instr. 3)                  | Price of<br>Derivative<br>Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4, and<br>5) |                       |     |                     |                    |                 |                                  |  |
|-----------------------------|------------------------------------|------------------|------------|---|-----------------------|-----|---------------------|--------------------|-----------------|----------------------------------|--|
|                             |                                    |                  | Code       | V   | (A)                   | (D) | Date<br>Exercisable | Expiration<br>Date | Title           | Amount or<br>Number of<br>Shares |  |
| Phantom<br>Stock <u>(1)</u> | \$ 0 <u>(1)</u>                    | 07/27/2010       | A          |   | 35.5619<br><u>(1)</u> |     | <u>(1)</u>          | <u>(1)</u>         | Common<br>Stock | 35.5619<br><u>(1)</u>            |  |

## Reporting Owners

| Reporting Owner Name / Address                                     | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| CAHOUEY FRANK V<br>1049 CAMINO DOS RIOS<br>THOUSAND OAKS, CA 91360 |               |           | X       |       |

## Signatures

Frank V. Cahouet by Melanie S. Cibik pursuant to Power of Attorney previously filed with SEC. 07/28/2010

        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.