MAIN SUE Form 4/A February 04, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

Estimated average burden hours per

Form filed by More than One Reporting

response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

Check this box

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)

I. Name and Address of Reporting Person MAIN SUE				2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
				TELEDYNE TECHNOLOGIES INC [TDY]	(Check all applicable)			
	(Last)	(First)	(Middle)	3. Date of Earliest Transaction	Director 10% Owner X Officer (give title Other (specify			
1049 CAMINO DOS RIOS			S	(Month/Day/Year) 02/01/2010	below) below) VP & Controller			
(Street)		(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
				Filed(Month/Day/Year)	Applicable Line)			
				02/04/2010	_X_ Form filed by One Reporting Person			

THOUSAND OAKS, CA 91360

(City)	(State) (Z	Zip) Table	e I - Non-Do	erivative Securities	Acquired, Disposed	of, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securities onAcquired (A) or	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any	Code	Disposed of (D)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8) Code V	(Instr. 3, 4 and 5) (A) or Amount (D) Pr	Owned Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common Stock (1)	02/01/2010		I	752 $\frac{(1)}{(1)}$ A $\frac{\$}{(1)}$		D (2)	

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)required to respond unless the form displays a currently valid OMB control number.

Person

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amour	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title Numbe	Number		
				~					of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MAIN SUE 1049 CAMINO DOS RIOS THOUSAND OAKS, CA 91360

VP & Controller

Signatures

Susan L. Main by Melanie S. Cibik pursuant to Power of Attorney previously filed with SEC.

02/04/2010

**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 issued to the Reporting Person under the Performance Share Program. The shares were valued at \$37.08, the average of the high and low sales prices on February 1, 2010. Share amount confirmed on February 3, 2010.
- (2) Includes 588.1602 shares purchased under the Employee Stock Purchase Plan based on information received as of January 13, 2010.

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.

Reporting Owners 2