#### **ALMERFORS ARNE**

Form 4

August 14, 2009

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

Expires:

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**OMB APPROVAL** 

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * ALMERFORS ARNE			2. Issuer Name <b>and</b> Ticker or Trading Symbol FLIR SYSTEMS INC [FLIR]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
27700 SW PARKWAY AVENUE		VENUE	(Month/Day/Year) 08/13/2009	Director 10% OwnerX Officer (give title Other (specify below)  Executive Vice President			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
WILSONVILL	.E, OR 970	70	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tabl	le I - Non-D	Perivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	,		of (D)	Beneficially Form: Direct Owned (D) or Following Indirect (I)	Ownership Form: Direct	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(msu. 4)	
Common Stock	08/13/2009		M <u>(1)</u>	30,000	A	\$ 12.57	169,599	D	
Common Stock	08/13/2009		S <u>(1)</u>	30,000	D	\$ 22.67	139,599	D	

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 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 onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amo Underlying Secur (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	An or Nu of S
Non-Qualified Stock Option (right to buy)	\$ 12.57	08/13/2009		M(1)	30,000	02/13/2007	02/13/2016	Common Stock	30

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ALMERFORS ARNE 27700 SW PARKWAY AVENUE WILSONVILLE, OR 97070

**Executive Vice President** 

## **Signatures**

David A. Muessle, Attorney-in-fact for Arne Almerfors

08/14/2009

\*\*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) Transaction pursuant to the trading plan established under Rule 10b5-1 of the Securities Exchange Act of 1934, as amended.

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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