

ING SENIOR INCOME FUND
 Form 3
 March 30, 2011

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 *			2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â ING INVESTMENTS DISTRIBUTOR, LLC			(Month/Day/Year)	ING SENIOR INCOME FUND [XSIAX]	
(Last)	(First)	(Middle)		4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
230 PARK AVENUE,Â				(Check all applicable)	
(Street)				___ Director	___ 10% Owner
NEW YORK,Â NYÂ 10169				___ Officer	<input checked="" type="checkbox"/> Other
(City)	(State)	(Zip)		(give title below)	(specify below)
				Investment Adviser Affiliate	
					6. Individual or Joint/Group Filing(Check Applicable Line)
					___ Form filed by One Reporting Person
					<input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ING INVESTMENTS DISTRIBUTOR, LLC 230 PARK AVENUE NEW YORK, NY 10169	Â	Â	Â	Investment Adviser Affiliate
ING FUNDS SERVICES LLC 7337 E DOUBLETREE RANCH RD SCOTTSDALE, AZ 85250	Â	Â	Â	Investment Adviser Affiliate
ING CAPITAL CORP LLC 7337 EAST DOUBLETREE RANCH ROAD SCOTTSDALE, AZ 85258	Â	Â	Â	Investment Adviser Affiliate
ING INVESTMENTS LLC 7337 EAST DOUBLETREE RANCH ROAD SCOTTSDALE, AZ 85258	Â	Â	Â	Investment Adviser
ING INVESTMENT MANAGEMENT CO 10 STATE HOUSE SQUARE SH12 HARTFORD, CT 06103-3602	Â	Â	Â	Investment Adviser

Signatures

Michael Gioffre 03/30/2011

**Signature of
Reporting Person

Date

Explanation of Responses:

No securities are beneficially owned

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

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.