

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIESFiled pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Poupeau Jean-Francois</u>	2. Date of Event Requiring Statement (Month/Day/Year) 04/22/2010	3. Issuer Name and Ticker or Trading Symbol <u>SCHLUMBERGER LTD /NV/ [SLB]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Vice President</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) 1123 JOSHUA LANE			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
(Street) HOUSTON TX 77055			
(City) (State) (Zip)			

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)
Common Stock	18,141	D	
Common Stock	78	I	SL Prof. Sharing Pln

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: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Incentive Stock Option (right to buy)	04/17/2003 ⁽¹⁾	04/17/2012	Common Stock	17,930	27.873	D	
Incentive Stock Option (right to buy)	07/21/2005 ⁽²⁾	07/21/2014	Common Stock	3,064	32.618	D	
Incentive Stock Option (right to buy)	01/22/2010 ⁽³⁾	01/22/2019	Common Stock	5,286	37.845	D	
Incentive Stock Option (right to buy)	01/18/2007 ⁽⁴⁾	01/18/2016	Common Stock	3,684	54.235	D	
Incentive Stock Option (right to buy)	01/21/2011 ⁽⁵⁾	01/21/2020	Common Stock	1,459	68.505	D	
Incentive Stock Option (right to buy)	07/19/2008 ⁽⁶⁾	07/19/2017	Common Stock	2,158	92.7	D	
NQ Stock Option (right to buy) w/ tandem Tax w/h right	04/17/2003 ⁽¹⁾	04/17/2012	Common Stock	2,070	27.873	D	
NQ Stock Option (right to buy) w/ tandem Tax w/h right	04/18/2002 ⁽⁷⁾	04/18/2011	Common Stock	10,000	31.188	D	
NQ Stock Option (right to buy) w/ tandem Tax w/h right	07/21/2005 ⁽²⁾	07/21/2014	Common Stock	4,436	32.618	D	
NQ Stock Option (right to buy) w/ tandem Tax w/h right	01/22/2010 ⁽³⁾	01/22/2019	Common Stock	29,714	37.845	D	
NQ Stock Option (right to buy) w/ tandem Tax w/h right	10/19/2001 ⁽⁸⁾	10/19/2010	Common Stock	8,000	41.141	D	
NQ Stock Option (right to buy) w/ tandem Tax w/h right	01/18/2007 ⁽⁴⁾	01/18/2016	Common Stock	16,316	54.235	D	
NQ Stock Option (right to buy) w/ tandem Tax w/h right	04/19/2007 ⁽⁹⁾	04/19/2016	Common Stock	20,000	66.03	D	
NQ Stock Option (right to buy) w/ tandem Tax w/h right	01/21/2011 ⁽⁵⁾	01/21/2020	Common Stock	28,541	68.505	D	
NQ Stock Option (right to buy) w/ tandem Tax w/h right	07/19/2008 ⁽⁶⁾	07/19/2017	Common Stock	37,842	92.7	D	
RSU (restricted stock unit)	02/04/2013 ⁽¹⁰⁾	02/04/2020	Common Stock	8,000	0	D	

Explanation of Responses:

1. Exercisable in five equal annual installments beginning April 17, 2003.

2. This option becomes exercisable in four equal annual installments beginning July 21, 2005
3. This option becomes exercisable in five equal annual installments beginning January 22, 2010.
4. This option becomes exercisable in four equal annual installments beginning January 18, 2007.
5. This option becomes exercisable in five equal annual installments beginning January 21, 2011.
6. This option becomes exercisable in five equal annual installments beginning July 19, 2008.
7. The options become exercisable in five equal installments beginning April 18, 2002.
8. Exercisable in five equal annual installments beginning October 19, 2001.
9. This option becomes exercisable in five equal annual installments beginning April 19, 2007.
10. This restricted stock unit is subject to a 3-year cliff and will become exercisable on February 4, 2013.

By: /s/Lynda M. Quagliara
Attorney-in-Fact For: Jean-
Francois Poupeau

05/03/2010

** Signature of Reporting Person

Date

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

* 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.

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 Number.

SCHLUMBERGER LIMITED
POWER OF ATTORNEY

The undersigned, in his capacity as a director or officer, or both, of Schlumberger Limited, a Netherlands Antilles corporation (the Company), does hereby appoint each of Saul R. Laureles and Lynda M. Quagliara, or either of them acting singly, his/her true and lawful attorney in fact with full power of substitution, to (a) prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the U.S. Securities and Exchange Commission (the SEC) a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes, passwords and passphrases enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934, as amended (the Exchange Act), or any rule or regulation of the SEC, and (b) execute for and on behalf of the undersigned, in the undersigned's capacity as a director or officer, or both, of the Company, Forms 3, 4 and 5 in accordance with Section 16 of the Exchange Act, as well as Forms 144, and complete and execute any amendment or amendments thereto, and to file the same or cause the same to be filed with the SEC.

This Power of Attorney supersedes any and all prior and existing powers of attorney signed by the undersigned with respect to the subject matter hereof, and shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, 5 or 144 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys in fact.

April 30, 2010 /s/ Jean-Francois Poupeau