NEOSE TECHNOLOGIES INC Form SC 13G/A February 13, 2009

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 9)

Neose Technologies, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

640522108

(CUSIP Number)

December 31, 2008

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)

[X] Rule 13d-1(c)

[] Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

^{*} The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

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		1. I.R.S. Identification	Names of on Nos. of above perso	Reporting Persons. ons (entities only).		
		Eastbour	rne Capital Manageme	nt, L.L.C.		
2.		Check the Appre	opriate Box if a Memb	per of a Group (See	Instructions)	
		(a)		_X_		
		(b)				
	3	3.	SEC Use Only			
	4.	Citizenshi	p or Place of Organizat	tion	Delaware	
Number of Shares Beneficially Owned by Each Reporting Person With	5. 6. 7. 8.	Sole Voting Power Shared Voting Power Sole Dispositive Po Shared Dispositive	wer		0 0 0 0	
9.		Aggregate Amount B	eneficially Owned by l	Each Reporting Per	son	0
10. C	Check if th	ne Aggregate Amount	in Row (9) Excludes (Certain Shares (See	Instructions)	
11	1.	Percent of Class	s Represented by Amo	ount in Row (9)	0	%
	12		Type of Reporting I	Person (See Instruct	tions)	
_IA						
00						

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		Names of Reporting Pe Nos. of above persons (entities of Richard Jon Barry	
2.	Check the Appropri	iate Box if a Member of a Group	(See Instructions)
	(a)	_X_	
	(b)		
	3.	SEC Use Onl	у
4.	Citizenship	or Place of Organization	U.S.A.
Number of Shares 6. Beneficially 7. Owned by 8. Each Reporting Person With	Sole Voting Power Shared Voting Power Sole Dispositive Powe Shared Dispositive Power		
9.	Aggregate Amount Benefic	cially Owned by Each Reporting	Person0_
10. Check	if the Aggregate Amount in	Row (9) Excludes Certain Shares	s (See Instructions)
11.	Percent of Class R	epresented by Amount in Row (9	9) 0%
	12.	Гуре of Reporting Person (See In	astructions)
IN			
HC			

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		Names of Reportification Nos. of above persons (entited Bear Offshore Master Fund, L.I.)	ities only).
2.	Check the A	Appropriate Box if a Member of a G	Group (See Instructions)
	(a)	_	
	(b)	_	_X
	3.	SEC Use Only	
4.	Citizensh	ip or Place of Organization	Cayman Islands
Shares Beneficially	Sole Voting Po Shared Voting Sole Dispositive Shared Dispositive	Power e Power	
9.	Aggregate Amount	Beneficially Owned by Each Repo	orting Person0_
10. Ch	eck if the Aggregate Ar	mount in Row (9) Excludes Certain	Shares (See Instructions)
11.	Percent of	Class Represented by Amount in F	Row (9) 0%
	12.	Type of Reporting Person (See Instructions)
PN			

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Item 1.

(a) Name of Issuer

Neose Technologies, Inc.

(b) Address of Issuer's Principal Executive Offices

102 Rock Road, Horsham, PA 19044

Item 2.

(a) The names of the persons filing this statement are:

Eastbourne Capital Management, L.L.C. ("Eastbourne"), Richard Jon Barry and Black Bear Offshore Master Fund, L.P. ("Black Bear Offshore" and collectively, the "Filers").

Barry and Eastbourne each disclaims beneficial ownership of the Stock (as defined below), except to the extent of its or his respective pecuniary interest therein. Barry and Eastbourne are filing this Schedule jointly as a group, but disclaim membership in a group, within the meaning of Rule 13d-5(b) ("Rule 13(d)-5(b)") under the Securities Exchange Act of 1934, as amended (the "1934 Act"), with Black Bear Offshore or any other person or entity. Black Bear Offshore, is filing jointly with the other Filers, but not as a member of a group, and disclaims membership in a group, within the meaning of Rule 13d-5(b), with the other Filers or any other person or entity. In addition, the filing of this Schedule 13G on behalf of Black Bear Offshore should not be construed as an admission that it is, and it disclaims that it is, the beneficial owner (as defined in Rule 13(d)-3 under the 1934 Act), of any of the Stock.

- (b) The principal business office of Eastbourne and Mr. Barry is located at 1101 Fifth Avenue, Suite 370, San Rafael, CA 94901. The principal business office of Black Bear Offshore is located at c/o CITCO Fund Services (Cayman Islands) Limited Corporate Centre, West Bay Road, P.O. Box 31106-SMB, Grand Cayman, Cayman Islands.
- (c) For citizenship of Filers, see Item 4 of the cover sheet for each Filer.
- (d) This statement relates to shares of common stock of the Issuer (the "Stock").
- (e) The CUSIP number of the Issuer is: 640522108

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7.

Not applicable.

Parent Holding Company.

Item 3.If this statement is filed pursuant to rule 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
(a) [] Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
(b) [] Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
(c) [] Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
(d)[]Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
(e) [X An investment adviser in accordance with section 240.13d-1(b)(1)(ii)(E). One of the Filers, Eastbourne, is a registered investment adviser and is filing pursuant to Rule 13d-1(b).
(f) [] An employee benefit plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F).
(g) [X] A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G)
(h) [] A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
(i)[]A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3).
(j) Group, in accordance with section 240.13d-1(b)(1)(ii)(J).
Item 4. Ownership.
See Items 5-9 and 11 of the cover page for each Filer.
Item 5. Ownership of Five Percent or Less of a Class.
If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [X].
Item 6. Ownership of More than Five Percent on Behalf of Another Person.
Eastbourne is a registered investment adviser whose clients, including Black Bear Offshore, have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Stock. No individual client's holdings of the Stock are more than five percent of the outstanding Stock.
Item Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the

Schedule 13G Amendment No. 9 Page 7 of 8 CUSIP No. 640522108 Item 8. Identification and Classification of Members of the Group. See Item 2(a) of this Schedule. Item 9. Notice of Dissolution of Group Not applicable. Item 10. Certification. The following certification is made by Barry and Eastbourne: By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect. The following certification is made by Black Bear Offshore: By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect. **SIGNATURE** After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct. Dated: February 12, 2009 Eastbourne Capital Management, L.L.C. Black Bear Offshore Master Fund, L.P. By: Eastbourne Capital Management, L.L.C., its general partner By: Eric M. Sippel **Chief Operating Officer** By: Eric M. Sippel **Chief Operating Officer**

Richard J. Barry

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EXHIBIT A

AGREEMENT REGARDING JOINT FILING OF STATEMENT ON SCHEDULE 13D OR 13G

The undersigned agree to file jointly with the Securities and Exchange Commission (the "SEC") any and all statements on Schedule 13D or Schedule 13G (and any amendments or supplements thereto) required under section 13(d) of the Securities Exchange Act of 1934, as amended, in connection with purchases by the undersigned of the common stock of Neose Technologies, Inc. and any other issuer. For that purpose, the undersigned hereby constitute and appoint Eastbourne Capital Management, L.L.C., a Delaware limited liability company, as their true and lawful agent and attorney-in-fact, with full power and authority for and on behalf of the undersigned to prepare or cause to be prepared, sign, file with the SEC and furnish to any other person all certificates, instruments, agreements and documents necessary to comply with section 13(d) and section 16(a) of the Securities Exchange Act of 1934, as amended, in connection with said purchases, and to do and perform every act necessary and proper to be done incident to the exercise of the foregoing power, as fully as the undersigned might or could do if personally present.

Dated:	February 12, 2009			
Eastbourne Capital Management, L.L.C.		Black Bear Offshore Master Fund, L.P.		
By: Eric M. Sippel Chief Operating	Officer	By: Eastbourne Capital Management, L.L.C., its general partner		
Chief Operating	Officer	Ву:		
		Eric M. Sippel		
		Chief Operating Officer		
		Richard J. Barry		
		Richard J. Barry		