ARROWHEAD RESEARCH CORP Form SC 13G/A February 13, 2008

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# **SCHEDULE 13G**

#### INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT

TO RULES 13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED

#### PURSUANT TO RULE 13d-2(b)

Under the Securities Exchange Act of 1934 (Amendment No. 3)(1)

# **Arrowhead Research Corporation**

(Name of Issuer)

Common Stock \$0.001 Par Value

(Title of Class of Securities)

#### 042797100

(CUSIP Number)

#### December 31, 2007

(Date of Event Which Requires Filing of this Statement)

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

- o Rule 13d-1(b)
- x Rule 13d-1(c)
- o Rule 13d-1(d)

<sup>(1)</sup>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.

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).

### CUSIP No. 042797100

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) David M. Knott			
2.	Check the Appropriate Box if a Member of a Group (See Instructions)			
	(a)	0		
	(b)	Х		
3.	SEC Use Only			
4.	Citizenship or Place of Organization United States of America			
	5.		Sole Voting Power 338,543	
Number of Shares	6.		Shared Voting Power	
Beneficially	0.		15,150	
Owned by	_			
Each Reporting	7.		Sole Dispositive Power 357,143	
Person With				
	8.		Shared Dispositive Power 0	
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 357,143			
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) 0			
11.	Porcent of Class Por	reconted by Amount in Pow (0)		
11.	Percent of Class Represented by Amount in Row (9) 0.9%			
12.	Type of Reporting Person (See Instructions) IN			

### CUSIP No. 042797100

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Dorset Management Corporation		
	11-2873658		
2.	Check the Appropriate Box (a) (b)	if a Member of a Group (Sec o x	e Instructions)
3.	SEC Use Only		
4.	Citizenship or Place of Organization United States of America		
Number of Shares Beneficially Owned by Each Reporting Person With	5.		Sole Voting Power 338,543
	6.		Shared Voting Power 15,150
	7.		Sole Dispositive Power 357,143
	8.		Shared Dispositive Power 0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 357,143		
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) O		
11.	Percent of Class Represented by Amount in Row (9) 0.9%		
12.	Type of Reporting Person (S CO	See Instructions)	

### CUSIP No. 565756202

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Knott Partners Offshore Master Fund, L.P.			
2.	Check the Appropriate Box if a Member of a Group (See Instructions)			
	(a)	0		
	(b)	Х		
3.	SEC Use Only			
4.	Citizenship or Place of Organization Cayman Islands			
	5.		Sole Voting Power 161,668	
Number of Shares	6.		Shared Voting Power	
Beneficially	0.		0	
Owned by				
Each	7.		Sole Dispositive Power	
Reporting Person With			161,668	
	8.		Shared Dispositive Power 0	
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 161,668			
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o			
11.	Percent of Class Repre	esented by Amount in Row (9)		
11.	Percent of Class Represented by Amount in Row (9) 0.4%			
12.	Type of Reporting Per PN	son (See Instructions)		

Item 1.					
	(a)	Name of Issuer			
			h Corporation (the Company )		
	(b)	Address of Issuer s 201 S. Lake Avenue	Principal Executive Offices		
		201 S. Lake Avenue			
		Pasadena, California	a 911061		
		i usudonu, Cumorni	, , , , , , , , , , , , , , , , , , , ,		
Item 2.					
	(a)	Name of Person Fili	e e		
	(1)		brset Management Corporation; Knott Partners Offshore Master Fund, L.P.		
	(b)		l Business Office or, if none, Residence and Dorset Management Corporation		
		T of David M. Khou	and Dorset Mundgement Corporation		
		485 Underhill Bould	evard, Suite 205		
		Suggest New Vork	11701		
		Syosset, New York	11/71		
		For Knott Partners (	Offshore Master Fund, L.P.:		
		InterCaribbean Serv	rices Limited c/o CITCO Fund Services (Curação)		
		intercaribbean Serv	InterCaribbean Services Limited c/o CITCO Fund Services (Curacao)		
		N.V., Kaya Flambo	yan 9, Curacao, Netherlands Antilles		
		Attention: Sharin La	asten		
	(c)	Citizenship			
		David M. Knott - U	nited States of America;		
		Dorset Management	t Corporation New York		
		Dorset Managemen	Corporation New Tork		
		Knott Partners Offsl	hore Master Fund, L.P. Cayman Islands		
	(d)	Title of Class of Sec	curities		
		Common Stock \$0.0	001 Par Value		
	(e)	CUSIP Number			
		042797100			
Item 3.	If this stateme	nt is filed pursuant to §§240.	13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:		
	(a)	0	Broker or dealer registered under section 15 of the Act (15 U.S.C.		
			780).		
	(b)	0	Bank as defined in section $3(a)(6)$ of the Act (15 U.S.C. 78c). Insurance company as defined in section $3(a)(19)$ of the Act (15		
	(c)	0	U.S.C. 78c).		
	(d)	0	Investment company registered under section 8 of the Investment		
			Company Act of 1940 (15 U.S.C 80a-8).		
	(e)	0	An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);		
	(f)	0	An employee benefit plan or endowment fund in accordance with \$240.13d-1(b)(1)(ii)(F);		
	(g)	0	A parent holding company or control person in accordance with §		
			240.13d-1(b)(1)(ii)(G);		
	(h)	0	A savings associations as defined in Section 3(b) of the Federal		
	(i)	0	Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment		
	(1)	U U	company under section $3(c)(14)$ of the Investment Company Act of		
			1940 (15 U.S.C. 80a-3);		

(j) o Group, in accordance with §240.13d-1(b)(1)(ii)(J).

Item 4. Provide the follow	Ownership g information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1. (a) Amount beneficially owned:			
	(b)	Percent of class:		
	(c)	Number of shares as to which the person has:		
		(i)	Sole power to vote or to direct the vote	
		(ii)	Shared power to vote or to direct the vote	
		(iii)	Sole power to dispose or to direct the disposition of	
		(iv)	Shared power to dispose or to direct the disposition of	
David M. Knott; Dorset Management Corporation; Knott Partners Offshore Master Fund, L.P.				
See Rows 5 through 9 and 11 on pages 2, 3 and 4. As of the date of this filing, each Reporting Person may be deemed to be the beneficial owner of the number of currently exercisable warrants (the Warrants) for the purchase of the number of shares of Common Stock of the Company, set forth on Row 9 of the corresponding Cover Page of this Schedule 13G for such Reporting Person. Each Warrant entitles the holder to purchase one share of the Company s Common Stock at a price of \$4.50. Each Warrant will expire on January 24, 2011, or earlier upon redemption.				
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. This statement is being filed to report the fact that as of the date hereof the following Reporting Persons have ceased to be the beneficial owner of more than five percent of the class of securities, as reported on Rows 5 through 9 and 11 on pages 2-3: David M. Knott and Dorset Management Corporation				
Item 6.	Ownership of More th N/A	nan Five Percent on Behalf of Ar	nother Person	

- Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person N/A
- Item 8. Identification and Classification of Members of the Group N/A
- Item 9. Notice of Dissolution of Group N/A

Item 10. Certification

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.

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.

February 13, 2008 Date

/s/ David M. Knott Signature

### DORSET MANAGEMENT CORPORATION

By:	/s/ David M. Knott David M. Knott, Presi	ident
KNOTT PARTN FUND, L.P.	IERS OFFSHORE MA	STER
By:	Knott Partners Management, LLC, General Partner	
By: Name: Title:	/s/ David M. Knott	David M. Knott Managing Member