PennyMac Mortgage Investment Trust Form SC 13G/A February 12, 2010

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

> > SCHEDULE 13G/A

Under the Securities Exchange Act of 1934

(Amendment No. 1)

PennyMac Mortgage Investment Trust (Name of Issuer)

Common Shares, par value \$0.01 per share (Title of Class of Securities)

> 70931T103 (CUSIP Number)

December 31, 2009 (Date of Event Which Requires Filing of this Statement)

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

- [] Rule 13d-1(b)
- [X] Rule 13d-1(c)
 [] Rule 13d-1(d)

*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 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).

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	Highbridge International LLC						
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) [X]						
			[]				
(3)	SEC USE ONLY						
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION						
	Cayman Islands, British West Indies						
NUMBER OF	(5) SOLE VOTING POWER 0						
SHARES							
	Y (6) SHARED VOTING POWER 819,469 Common Shares						
OWNED BY	·•·						
EACH	(7) SOLE DISPOSITIVE POWER 0						
REPORTING							
PERSON WITH	(8) SHARED DISPOSITIVE POWER 819,469 Common Shares						
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 819,469 Common Shares						
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions)		[]				
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
(12)	TYPE OF REPORTING PERSON (see instructions) OO						
CUSIP No. 7	0931T103 13G/A Page 3	3 of	16 Pages				
(1)	NAMES OF REPORTING PERSONS						
	Highbridge Long/Short Equity Fund, L.P.						
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)						
	(111 11101101111)	(a) (b)	[X] []				
(3)	SEC USE ONLY						

(4) CITIZENSHIP OR PLACE OF ORGANIZATION

	Sta	te o	f Delaware					
NUMBER OF	(5) SOLE VOTING POWER							
SHARES			0					
BENEFICIALL	Y	(6)	SHARED VOTING POWER					
OWNED BY			131,461 Common Shares					
EACH		(7)	SOLE DISPOSITIVE POWER 0					
REPORTING								
PERSON WITH		(8)	SHARED DISPOSITIVE POWER 131,461 Common Shares					
(9)	BY	EACH	TE AMOUNT BENEFICIALLY OWNED REPORTING PERSON Common Shares					
(10)		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) []						
(11)		PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
(12)	TYPE OF REPORTING PERSON (see instructions) PN							
CUSIP No. 7	0931	T103	13G/A Pag	e 4 of	16 Pages			
(1) NAMES OF REPORTING PERSONS								
	Hig	hbri	dge Long/Short Equity Fund, Ltd.					
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)							
					[X] []			
(3)	SEC USE ONLY							
(4)	(4) CITIZENSHIP OR PLACE OF ORGANIZATION							
	Cay	man	Islands, British West Indies					
NUMBER OF		(5)	SOLE VOTING POWER					
SHARES			0					
BENEFICIALLY		(6)	SHARED VOTING POWER 266,445 Common Shares					

OWNED BY							
EACH	(7)	SOLE DISPOSITIVE POWER					
REPORTING		0 					
PERSON WITH	٠,	SHARED DISPOSITIVE POWER 266,445 Common Shares					
(9)	BY EACH	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 266,445 Common Shares					
(10)		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) []					
(11)	PERCEN 1.59%	T OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
(12)	TYPE O	F REPORTING PERSON (see instructions)					
CUSIP No. 7	0931T103	13G/A P	age	5 of	16 P	ages	
(1)	NAMES O	F REPORTING PERSONS					
	Highbri	dge Long/Short Institutional Fund, Ltd.					
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)						
	(222				[X] []		
(3)	SEC USE	ONLY					
(4)	CITIZEN	SHIP OR PLACE OF ORGANIZATION					
	Cayman	Islands, British West Indies					
NUMBER OF	(5)	SOLE VOTING POWER					
SHARES		<u> </u>					
BENEFICIALL		SHARED VOTING POWER 63,969 Common Shares					
OWNED BY							
EACH	(7)	SOLE DISPOSITIVE POWER					
REPORTING							
PERSON WITH	(8)	SHARED DISPOSITIVE POWER 63,969 Common Shares					
(9)	AGGREGA	TE AMOUNT BENEFICIALLY OWNED					

BY EACH REPORTING PERSON 63,969 Common Shares (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.38% (12) TYPE OF REPORTING PERSON (see instructions) CUSIP No. 70931T103 13G/A Page 6 of 16 Pages (1) NAMES OF REPORTING PERSONS Triton 245 Ltd. (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) [X] (b) [] ______ (3) SEC USE ONLY (4) CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands, British West Indies NUMBER OF (5) SOLE VOTING POWER Ω SHARES ______ BENEFICIALLY (6) SHARED VOTING POWER 22,270 Common Shares OWNED BY (7) SOLE DISPOSITIVE POWER EACH 0 REPORTING _____ PERSON WITH (8) SHARED DISPOSITIVE POWER 22,270 Common Shares (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 22,270 Common Shares (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

TYPE OF REPORTING PERSON (see instructions)

	00 				
CUSIP No. 70	0931T103	13G/A	Page 7 of 16 Pages		
(1)	NAMES O	F REPORTING PERSONS			
		dge Managed Portfolio Master, Ltd.			
(2)	CHECK T	HE APPROPRIATE BOX IF A MEMBER OF A GROUP structions)	(a) [X] (b) []		
(3)	SEC USE	ONI,Y			
(4)		SHIP OR PLACE OF ORGANIZATION			
, ,		Islands, British West Indies			
NUMBER OF	(5)	SOLE VOTING POWER			
SHARES		0			
BENEFICIALLY	Y (6)	SHARED VOTING POWER 32,610 Common Shares			
EACH	(7)	SOLE DISPOSITIVE POWER 0			
REPORTING PERSON WITH	(8)	SHARED DISPOSITIVE POWER 32,610 Common Shares			
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 32,610 Common Shares				
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) []				
(11)	PERCEN 0.19%	T OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
(12)	TYPE O	F REPORTING PERSON (see instructions)			

(12)

(1)	NAMES OF REPORTING PERSONS						
	Highbridge Long-Term Equity Master Fund, L.P.						
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP						
	(see instructions)	(a) (b)	= =				
(3)	SEC USE ONLY						
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION						
	State of Delaware						
NUMBER OF	(5) SOLE VOTING POWER 0						
SHARES							
BENEFICIALL	Y (6) SHARED VOTING POWER 17,776 Common Shares						
OWNED BY							
EACH	(7) SOLE DISPOSITIVE POWER 0						
REPORTING							
PERSON WITH	(8) SHARED DISPOSITIVE POWER 17,776 Common Shares						
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 17,776 Common Shares						
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions)		[]				
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.11%						
(12)	TYPE OF REPORTING PERSON (see instructions) PN						
CUSIP No. 7	0931T103 13G/A Page	9 of	16 Pages				
(1)	NAMES OF REPORTING PERSONS						
	Highbridge Capital Management, LLC						
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)	 (a)	[X]				
		(b)					

(3)	SEC USE ONLY					
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION					
	State o	of Delaware				
NUMBER OF	(5)	SOLE VOTING P	OWER			
SHARES						
BENEFICIALL	Y (6)	SHARED VOTING				
OWNED BY						
EACH	(7)	SOLE DISPOSIT	IVE POWER			
REPORTING						
PERSON WITH	(8)	SHARED DISPOS 1,354,000 Com				
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,354,000 Common Shares					
(10)		BOX IF THE AGGR	REGATE AMOUNT CERTAIN SHARES (see	instructions)	[]	
(11)	PERCEN 8.09%	NT OF CLASS REP	PRESENTED BY AMOUNT	IN ROW (9)		
(12)	TYPE (OF REPORTING PE	CRSON (see instructi	ons)		
CUSIP No. 7	0931T103	3	13G/A	Page	10 of 16 Pages	
(1)	NAMES (OF REPORTING PE	RSONS			
	Glenn I	Dubin				
(2)		FHE APPROPRIATE	BOX IF A MEMBER OF	' A GROUP	(a) [X] (b) []	
(3)	SEC USE					
			OE ODCANIZATION			
(4)	United		OF ORGANIZATION			
NUMBER OF		SOLE VOTING P	 'OWER			
SHARES		0 				

BENEFICIALLY	(6)	SHARED VOTING POWER 1,354,000 Common Shares			
OWNED BY					
EACH	(7)	SOLE DISPOSITIVE POWER 0			
REPORTING					
PERSON WITH	(8)	SHARED DISPOSITIVE POWER 1,354,000 Common Shares			
(-,	(9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,354,000 Common Shares				
(- /		OX IF THE AGGREGATE AMOUNT (9) EXCLUDES CERTAIN SHARES (see instructions)	[]		
(11)	(11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 8.09%				
(12)	TYPE O	F REPORTING PERSON (see instructions)			

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This Amendment No. 1 (this "Amendment") amends the statement on Schedule 13G filed on August 11, 2009 (the "Original Schedule 13G" and the Original Schedule 13G as amended, the "Schedule 13G"), with respect to the common shares of beneficial interest, \$0.01 par value (the "Common Shares"), of PennyMac Mortgage Investment Trust, a Maryland real estate investment trust (the "Company"). Capitalized terms used herein and not otherwise defined in this Amendment have the meanings set forth in the Schedule 13G. This Amendment amends and restates Items 2(a), 2(b), 2(c) and 4 in their entirety as set forth below.

Item 2(a). Name of Person Filing

Item 2(b). Address of Principal Business Office

Item 2(c). Citizenship

HIGHBRIDGE INTERNATIONAL LLC

c/o Harmonic Fund Services

The Cayman Corporate Centre, 4th Floor

27 Hospital Road

Grand Cayman, Cayman Islands, British West Indies Citizenship: Cayman Islands, British West Indies

HIGHBRIDGE LONG/SHORT EQUITY FUND, L.P.

c/o Highbridge Capital Management, LLC
40 West 57th Street, 33rd Floor
New York, New York 10019

Citizenship: State of Delaware

HIGHBRIDGE LONG/SHORT EQUITY FUND, LTD.

c/o Harmonic Fund Services

The Cayman Corporate Centre, 4th Floor

27 Hospital Road

Grand Cayman, Cayman Islands, British West Indies Citizenship: Cayman Islands, British West Indies

HIGHBRIDGE LONG/SHORT INSTITUTIONAL FUND, LTD.

c/o Harmonic Fund Services

The Cayman Corporate Centre, 4th Floor

27 Hospital Road

Grand Cayman, Cayman Islands, British West Indies

Citizenship: Cayman Islands, British West Indies

TRITON 245 LTD.

Cricket Square

Hutchins Drive, P.O. Box 2681 GT

Grand Cayman, Cayman Islands, British West Indies

Citizenship: Cayman Islands, British West Indies

HIGHBRIDGE MANAGED PORTFOLIO MASTER, LTD.

Walkers Corporate Services Limited, Walker House

87 Mary Street

George Town, Grand Cayman KY1-9005, Cayman Islands, British West Indies

Citizenship: Cayman Islands, British West Indies

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HIGHBRIDGE LONG-TERM EQUITY MASTER FUND, L.P.

40 West 57th Street, 33rd Floor

New York, NY 10019

Citizenship: State of Delaware

HIGHBRIDGE CAPITAL MANAGEMENT, LLC

40 West 57th Street, 33rd Floor

New York, New York 10019

Citizenship: State of Delaware

GLENN DUBIN

c/o Highbridge Capital Management, LLC
40 West 57th Street, 33rd Floor

New York, New York 10019

Citizenship: United States

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

As of December 31, 2009, (i) Highbridge International LLC beneficially owned 819,469 Common Shares, (ii) Highbridge Long/Short Equity Fund, L.P. beneficially owned 131,461 Common Shares, (iii) Highbridge Long/Short Equity Fund, Ltd. beneficially owned 266,445 Common Shares, (iv) Highbridge Long/Short Institutional Fund, Ltd. beneficially owned 63,969 Common Shares, (v) Triton 245 Ltd. beneficially owned 22,270 Common Shares (vi) Highbridge Managed Portfolio Master, Ltd. beneficially owned 32,610 Common Shares, (vii) Highbridge Long-Term Equity Master Fund, L.P. beneficially owned 17,776 Common Shares and (viii) each of Highbridge Capital Management, LLC and Glenn Dubin may have been deemed the beneficial owner of the 1,354,000 Common Shares beneficially owned by Highbridge International LLC, Highbridge Long/Short Equity Fund, L.P., Highbridge Long/Short Equity Fund, Ltd., Triton 245 Ltd., Highbridge Managed Portfolio Master, Ltd. and Highbridge Long-Term Equity Master Fund, L.P.

Highbridge Capital Management, LLC is the trading manager of Highbridge International LLC, Highbridge Long/Short Equity Fund, L.P., Highbridge Long/Short Equity Fund, Ltd., Highbridge Long/Short Institutional Fund, Ltd., and Highbridge Long-Term Equity Master Fund, L.P. Highbridge Capital Management, LLC is an advisor to Triton 245 Ltd and Highbridge Managed Portfolio Master, Ltd. Glenn Dubin is the Chief Executive Officer of Highbridge Capital Management, LLC. The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of Common Shares owned by another Reporting Person. In addition, each of Highbridge Capital Management, LLC and Glenn Dubin disclaims beneficial ownership of Common Shares held by Highbridge International LLC, Highbridge Long/Short Equity Fund, L.P., Highbridge Long/Short Equity Fund, L.P., Highbridge Long/Short Institutional Fund, Ltd., Triton 245 Ltd., Highbridge Managed Portfolio Master, Ltd. and Highbridge Long-Term Equity Master Fund, L.P.

(b) Percent of class:

The Company's Quarterly Report for the quarterly period ended September 30, 2009, filed on Form 10-Q on November 6, 2009, indicates that as of November

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5, 2009, there were 16,735,317 Common Shares issued and outstanding. Therefore, as of December 31, 2009, based on the Company's outstanding Common Shares (i) Highbridge International LLC may have been deemed to beneficially own 4.90% of the outstanding Common Shares of the Company, (ii) Highbridge Long/Short Equity Fund, L.P. may have been deemed to beneficially own 0.79% of the outstanding Common Shares of the Company, (iii) Highbridge Long/Short Equity Fund, Ltd. may have been deemed to beneficially own 1.59% of the outstanding Common Shares of the Company, (iv) Highbridge Long/Short Institutional Fund, Ltd. may have been deemed to beneficially own 0.38% of the outstanding Common Shares of the Company, (v) Triton 245 Ltd. may have been deemed to beneficially own 0.13% of the outstanding Common Shares of the Company, (vi) Highbridge Managed Portfolio Master, Ltd. may have been deemed to beneficially own 0.19% of the outstanding Common Shares of the Company, (vii) Highbridge Long-Term Equity Master Fund, L.P. may have been deemed to beneficially own 0.11% of the outstanding Common Shares of the Company and (viii) each of Highbridge Capital Management, LLC and Glenn Dubin may have been deemed to beneficially own 8.09% of the outstanding Common Shares of the Company. The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of Common Shares owned by another Reporting Person.

- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote
 - (ii) Shared power to vote or to direct the vote See Item 4(a)
 - (iii) Sole power to dispose or to direct the disposition of $$\ensuremath{\text{0}}$$
 - (iv) Shared power to dispose or to direct the disposition of See Item $4\,\text{(a)}$

Exhibits:

Exhibit I: Joint Filing Agreement, dated as of February 12, 2010, by and among Highbridge International LLC, Highbridge Long/Short Equity Fund, L.P., Highbridge Long/Short Equity Fund, Ltd., Highbridge Long/Short Institutional Fund, Ltd., Triton 245 Ltd., Highbridge Managed Portfolio Master, Ltd., Highbridge Long-Term Equity Master Fund, L.P., Highbridge Capital Management, LLC and Glenn Dubin.

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SIGNATURES

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information with respect to it set forth in this statement is true, complete, and correct.

Dated: February 12, 2010

HIGHBRIDGE CAPITAL MANAGEMENT, LLC HIGHBRIDGE INTERNATIONAL LLC

By: Highbridge Capital Management, LLC its Trading Manager

its fracting Hanage

By: /s/ John Oliva By: /s/ John Oliva

Name: John Oliva Name: John Oliva

Title: Managing Director Title: Managing Director

HIGHBRIDGE LONG/SHORT EQUITY FUND, HIGHBRIDGE LONG/SHORT EQUITY FUND,

L.P. LTD.

By: Highbridge Capital Management, LLC By: Highbridge Capital Management, LLC

its Trading Manager its Trading Manager

By: /s/ John Oliva By: /s/ John Oliva

Name: John Oliva

Title: Managing Director

Name: John Oliva

Title: Managing Director

HIGHBRIDGE LONG/SHORT INSTITUTIONAL

FUND, LTD.

TRITON 245 LTD.

its Trading Manager

By: Highbridge Capital Management, LLC By: Highbridge Capital Management, LLC

its Advisor

By: /s/ John Oliva

Name: John Oliva

Title: Managing Director

By: /s/ John Oliva

Name: John Oliva

Title: Managing Director

HIGHBRIDGE MANAGED PORTFOLIO MASTER,

HIGHBRIDGE LONG-TERM EQUITY MASTER

FUND, L.P.

its Advisor

By: Highbridge Capital Management, LLC By: Highbridge Capital Management, LLC

its Trading Manager

By: /s/ John Oliva

Name: John Oliva

Title: Managing Director

By: /s/ John Oliva ______

Name: John Oliva

Title: Managing Director

/s/ Glenn Dubin

GLENN DUBIN

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EXHIBIT I

JOINT FILING AGREEMENT

This will confirm the agreement by and among the undersigned that the Schedule 13G filed with the Securities and Exchange Commission on or about the date hereof with respect to the beneficial ownership by the undersigned of the Common Shares, \$0.01 par value, of PennyMac Mortgage Investment Trust, is being filed, and all amendments thereto will be filed, on behalf of each of the persons and entities named below in accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Dated as of February 12, 2010

HIGHBRIDGE CAPITAL MANAGEMENT, LLC HIGHBRIDGE INTERNATIONAL LLC

By: Highbridge Capital Management, LLC

its Trading Manager

By: /s/ John Oliva

By: /s/ John Oliva

Name: John Oliva Name: John Oliva

Title: Managing Director Title: Managing Director

HIGHBRIDGE LONG/SHORT EQUITY FUND, HIGHBRIDGE LONG/SHORT EQUITY FUND,

L.P. LTD.

By: Highbridge Capital Management, LLC By: Highbridge Capital Management, LLC

its Trading Manager

its Trading Manager

By: /s/ John Oliva By: /s/ John Oliva

Name: John Oliva Name: John Oliva

Title: Managing Director Title: Managing Director

HIGHBRIDGE LONG/SHORT INSTITUTIONAL TRITON 245 LTD.

FUND, LTD.

By: Highbridge Capital Management, LLC By: Highbridge Capital Management, LLC

its Trading Manager its Advisor

By: /s/ John Oliva By: /s/ John Oliva

_____ _____

Name: John Oliva Name: John Oliva

Title: Managing Director Title: Managing Director

HIGHBRIDGE MANAGED PORTFOLIO MASTER, HIGHBRIDGE LONG-TERM EQUITY MASTER

FUND, L.P.

By: Highbridge Capital Management, LLC By: Highbridge Capital Management, LLC

its Advisor its Trading Manager

By: /s/ John Oliva By: /s/ John Oliva

_____ _____

Name: John Oliva Name: John Oliva

Title: Managing Director Title: Managing Director

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/s/ Glenn Dubin

GLENN DUBIN