PennyMac Mortgage Investment Trust Form SC 13G/A February 14, 2012

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G/A

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

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, 2011 (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) xRule 13d-1(c) "Rule 13d-1(d)

(Page 1 of 16 Pages)

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	NAME OF REPORTING PE	RSON	
	Highbridge International LLC		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A(a) x		
	GROUP	(b) "	
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE O	OF ORGANIZATION	
	Cayman Islands, British West	Indies	
NUMBER OF	5	SOLE VOTING POWER	
SHARES		0	
BENEFICIALLY	,6	SHARED VOTING POWER	
OWNED BY	-	1,073,287 Common Shares	
EACH	7	SOLE DISPOSITIVE POWER	
REPORTING		0	
PERSON WITH:	. 8	SHARED DISPOSITIVE POWER	
rekson with	•	1,073,287 Common Shares	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,073,287 Common Shares		
10	CHECK BOX IF THE AGGR	REGATE AMOUNT IN ROW (9) EXCLUDES "	
	CERTAIN SHARES		
11	PERCENT OF CLASS REPR	RESENTED BY AMOUNT IN ROW (9)	
	3.85%		
12	TYPE OF REPORTING PER	SON	
	OO		

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1	NAME OF REPORTING PERSON		
	Highbridge Long/Short Equity Fund, L.P.		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A(a) x		
	GROUP (b) "		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	State of Delaware		
NILIMBED OF	SOLE VOTING POWER		
NUMBER OF SHARES BENEFICIALLY	0		
	v6 SHARED VOTING POWER		
	\mathbf{O}		
OWNED BY	7 SOLE DISPOSITIVE POWER		
EACH REPORTING	0		
	X SHARED DISPOSITIVE POWER		
PERSON WITH	0		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	0		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES "		
	CERTAIN SHARES		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	0%		
12	TYPE OF REPORTING PERSON		
	PN		

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1	NAME OF REPORTING PE	RSON	
	Highbridge Long/Short Equity Fund, Ltd.		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A(a) x		
	GROUP	(b) "	
3	SEC USE ONLY	•	
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Cayman Islands, British Wes	t Indies	
NUMBER OF SHARES BENEFICIALLY	5	SOLE VOTING POWER	
		0	
	,6	SHARED VOTING POWER	
	(0	
OWNED BY	7	SOLE DISPOSITIVE POWER	
EACH REPORTING PERSON WITH		0	
	8	SHARED DISPOSITIVE POWER	
	:	0	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	0		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES "		
	CERTAIN SHARES		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	0%	4	
12 TYPE OF REPORTING PERSON		SON	
	00		

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1	NAME OF REPORTING PERSON		
	Highbridge Long/Short Institutional Fund, Ltd.		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A(a) x		
	GROUP (b) "		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Cayman Islands, British West Indies		
NUMBER OF SHARES BENEFICIALLY	5 SOLE VOTING POWER		
	0		
	SHARED VOTING POWER		
	185,428 Common Shares		
OWNED BY EACH	7 SOLE DISPOSITIVE POWER		
REPORTING	0		
PERSON WITH	shared dispositive power		
PERSON WITH	185,428 Common Shares		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	185,428 Common Shares		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES "		
	CERTAIN SHARES		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	0.67%		
12	TYPE OF REPORTING PERSON		
	00		

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1	NAME OF REPORTING PERSON		
	Highbridge Managed Portfolio Master, Ltd.		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A(a) x		
	GROUP (b) "		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Cayman Islands, British West Indies		
NUMBER OF SHARES BENEFICIALLY	5 SOLE VOTING POWER		
	0		
	SHARED VOTING POWER		
	32,834 Common Shares		
OWNED BY	7 SOLE DISPOSITIVE POWER		
EACH	0		
REPORTING	8 SHARED DISPOSITIVE POWER		
PERSON WITH	: 32,834 Common Shares		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	32,834 Common Shares		
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES			
	CERTAIN SHARES		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	0.12%		
12	TYPE OF REPORTING PERSON		
	00		

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1	NAME OF REPORTING PERSON	
	Highbridge Long-Term Equity Master Fund, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A(a) x	
	GROUP (b) "	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	State of Delaware	
NUMBER OF SHARES BENEFICIALLY	5 SOLE VOTING POWER	
	0	
	v ⁶ SHARED VOTING POWER	
OWNED BY	37,000 Common Shares	
EACH	7 SOLE DISPOSITIVE POWER	
REPORTING	0	
PERSON WITH	sHARED DISPOSITIVE POWER	
	37,000 Common Shares	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	37,000 Common Shares	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES "	
	CERTAIN SHARES	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	0.13%	
12	TYPE OF REPORTING PERSON	
	PN	

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1	NAME OF REPORTING PER	RSON	
	Highbridge Long/Short Equity Master Fund, L.P.		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A(a) x		
	GROUP	(b) "	
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	State of Delaware		
NUMBER OF SHARES	5	SOLE VOTING POWER	
		0	
	.,6	SHARED VOTING POWER	
BENEFICIALLY	Y	831,571 Common Shares	
OWNED BY EACH REPORTING PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	. 8	SHARED DISPOSITIVE POWER	
	ı .	831,571 Common Shares	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	831,571 Common Shares		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES		
	CERTAIN SHARES		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	2.98%		
12	TYPE OF REPORTING PERS	SON	
	OO		

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1	NAME OF REPORTING PERSON	
Highbridge Capital Management, LLC		LC .
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A(a) x	
	GROUP	(b) "
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	State of Delaware	
NUMBER OF SHARES BENEFICIALLY	5 SOLE	VOTING POWER
	0	
	v ⁶ Shaf	RED VOTING POWER
	2,160.	120 Common Shares
OWNED BY EACH	7 SOLE	DISPOSITIVE POWER
REPORTING	0	
PERSON WITH	_{i.} 8 Shaf	RED DISPOSITIVE POWER
PERSON WITH	2,160.	120 Common Shares
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	2,160,120 Common Shares	
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES		TE AMOUNT IN ROW (9) EXCLUDES "
	CERTAIN SHARES	
11	PERCENT OF CLASS REPRESEN	TED BY AMOUNT IN ROW (9)
	7.75%	
12	TYPE OF REPORTING PERSON	
	OO	

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1	NAME OF REPORTING PE	RSON	
	Glenn Dubin		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A(a) x		
	GROUP	(b) "	
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	United States		
NUMBER OF SHARES	5	SOLE VOTING POWER	
		0	
	₂₇ 6	SHARED VOTING POWER	
BENEFICIALLY	ſ	2,160,120 Common Shares	
OWNED BY EACH REPORTING PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	. 8	SHARED DISPOSITIVE POWER	
	•	2,160,120 Common Shares	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	2,160,120 Common Shares		
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLU		REGATE AMOUNT IN ROW (9) EXCLUDES "	
	CERTAIN SHARES		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	7.75%		
12	TYPE OF REPORTING PER	SON	
	IN		

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This Amendment No. 3 (this "Amendment") amends the statement on Schedule 13G filed on August 11, 2009 (the "Original Schedule 13G"), as amended by Amendment No. 1, filed on February 12, 2010, as further amended by Amendment 2, filed on February 14, 2011 (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), 4 and Exhibit I 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

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. 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 Master 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 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 the date hereof, (i) Highbridge International LLC beneficially owns 1,073,287 Common Shares, (ii) Highbridge Long/Short Equity Fund, L.P. no longer beneficially owns any Common Shares, (iii) Highbridge Long/Short Equity Fund, Ltd. no longer beneficially owns any Common Shares, (iv) Highbridge Long/Short Institutional Fund, Ltd. beneficially owns 185,428 Common Shares, (v) Highbridge Managed Portfolio Master, Ltd. beneficially owns 32,834 Common Shares, (vi) Highbridge Long-Term Equity Master Fund, L.P. beneficially owns 37,000 Common Shares, (vii) Highbridge Long/Short Equity Master Fund, L.P. beneficially owns 831,571 Common Shares, and (viii) each of Highbridge Capital Management, LLC and Glenn Dubin may be deemed the beneficial owner of the 2,160,120 Common Shares beneficially owned by Highbridge International LLC, Highbridge Long/Short Institutional Fund, Ltd., Highbridge Managed Portfolio Master, Ltd., Highbridge Long-Term Equity Master Fund, L.P. and Highbridge Long/Short 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., Highbridge Long-Term Equity Master Fund, L.P., and Highbridge

Long/Short Equity Master Fund, L.P. Highbridge Capital Management, LLC is an advisor to 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, Ltd., Highbridge Long/Short Institutional Fund, Ltd., Highbridge Managed Portfolio Master, Ltd., Highbridge Long-Term Equity Master Fund, L.P. and Highbridge Long/Short Equity Master Fund, L.P.

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(b) Percent of class:

The percentages used herein and in the rest of this Schedule 13G are calculated based upon 27,874,200 Common Shares issued and outstanding as of November 2, 2011, as disclosed in the Company's Ouarterly Report on Form 10-O for the quarterly period ended September 30, 2011, filed with the Securities and Exchange Commission on November 4, 2011. Therefore, as of the date hereof, based on the Company's outstanding Common Shares (i) Highbridge International LLC may be deemed to beneficially own 3.85% of the outstanding Common Shares of the Company, (ii) Highbridge Long/Short Equity Fund, L.P. no longer beneficially owns any Common Shares of the Company, (iii) Highbridge Long/Short Equity Fund, Ltd. no longer beneficially owns any Common Shares of the Company, (iv) Highbridge Long/Short Institutional Fund, Ltd. may be deemed to beneficially own 0.67% of the outstanding Common Shares of the Company, (v) Highbridge Managed Portfolio Master, Ltd. may be deemed to beneficially own 0.12% of the outstanding Common Shares of the Company, (vi) Highbridge Long-Term Equity Master Fund, L.P. may be deemed to beneficially own 0.13% of the outstanding Common Shares of the Company, (vii) Highbridge Long/Short Equity Master Fund, L.P. may be deemed to beneficially own 2.98% of the outstanding Common Shares of the Company and (viii) each of Highbridge Capital Management, LLC and Glenn Dubin may be deemed to beneficially own 7.75% 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:

Sole power to vote or to direct the vote

(i)

0

Shared power to vote or to direct the vote

(ii)

See Item 4(a)

Sole power to dispose or to direct the disposition of

(iii)

0

Shared power to dispose or to direct the disposition of

(iv)

See Item 4(a)

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Management, LLC and Glenn Dubin.

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Exhibits:

Exhibit I:

Joint Filing Agreement, dated as of February 14, 2012, 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., Highbridge Long-Term Equity Master Fund, Highbridge Managed Portfolio Master, Ltd., Highbridge Long/Short Equity Master Fund, L.P., Highbridge Capital

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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.

DATE: February 14, 2012

HIGHBRIDGE CAPITAL MANAGEMENT, LLC HIGHBRIDGE INTERNATIONAL LLC

> By: Highbridge Capital Management,

> > LLC

its Trading Manager

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

Title: **Managing Director** Title: **Managing Director**

HIGHBRIDGE LONG/SHORT EQUITY FUND, L.P. HIGHBRIDGE LONG/SHORT EQUITY FUND,

LTD.

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

LLC

its Trading Manager its Trading Manager

By:

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

Managing Director Title: Title: Managing Director

HIGHBRIDGE LONG/SHORT INSTITUTIONAL FUND, HIGHBRIDGE MANAGED PORTFOLIO

MASTER, LTD. LTD.

Highbridge Capital Management, By:

LLC

its Trading Manager

LLC LLC

its Advisor

Highbridge Capital Management,

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

Title: Title: Managing Director Managing Director

HIGHBRIDGE LONG-TERM EQUITY MASTER HIGHBRIDGE LONG/SHORT EQUITY MASTER

FUND, L.P. FUND, L.P.

By: Highbridge Capital Management, 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 Title: Managing Director

/s/ Glenn Dubin GLENN DUBIN

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EXHIBIT 1

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, par value \$0.01 per share, 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.

DATE: February 14, 2012

HIGHBRIDGE CAPITAL MANAGEMENT, LLC HIGHBRIDGE INTERNATIONAL LLC

By: Highbridge Capital Management,

LLC

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, L.P. HIGHBRIDGE LONG/SHORT EQUITY FUND,

LTD.

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

LLC

LLC

its Trading Manager its Trading Manager

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

Title: Managing Director Title: Managing Director

HIGHBRIDGE LONG/SHORT INSTITUTIONAL FUND, HIGHBRIDGE MANAGED PORTFOLIO

LTD. MASTER, LTD.

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

LLC

its Trading Manager its Advisor

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

Title: Managing Director Title: Managing Director

HIGHBRIDGE LONG-TERM EQUITY MASTER

FUND, L.P.

HIGHBRIDGE LONG/SHORT EQUITY MASTER

FUND, L.P.

By: Highbridge Capital Management,

LLC

its Trading Manager

By: Highbridge Capital Management,

LLC

its Trading Manager

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

Title: Managing Director Title: Managing Director

/s/ Glenn Dubin GLENN DUBIN