

OLIVIER ROY W
Form 4
March 14, 2013

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
OLIVIER ROY W

2. Issuer Name and Ticker or Trading Symbol
ARI NETWORK SERVICES INC
/WI [ARIS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
10850 W. PARK PLACE, SUITE 1200
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
03/12/2013

Director 10% Owner
 Officer (give title below) Other (specify below)
President and CEO

MILWAUKEE, WI 53224

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	03/12/2013		A		11,077	A	\$ 0 (1)
Common Stock					13,246	I	By 401(k) Plan

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

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SEC 1474
(9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
OLIVIER ROY W 10850 W. PARK PLACE SUITE 1200 MILWAUKEE, WI 53224	X		President and CEO	

Signatures

Angela Salsman (pursuant to Power of Attorney filed herewith) 03/13/2013

__Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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).
- Award of Restricted Stock granted under the ARI Network Services, Inc. ("ARI") 2010 Equity Incentive Plan in lieu of cash payment (1) under ARI's Management Incentive Bonus Plan. The shares of restricted stock vested on the date of grant and are subject to a transfer restriction of 30 days from the date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number. vAlign=bottom>* Unaudited

The accompanying notes are an integral part of these financial statements.

Financial highlights (For a common share outstanding throughout the period)**PER-SHARE OPERATING PERFORMANCE**

	Six months ended**			Year ended		
	4/30/11	10/31/10	10/31/09	10/31/08	10/31/07	10/31/06
Net asset value, beginning of period (common shares)	\$7.62	\$7.17	\$6.23	\$8.04	\$8.37	\$8.20
<i>Investment operations:</i>						
Net investment income ^a	.26	.52	.50	.56	.55	.53
Net realized and unrealized gain (loss) on investments	(.61)	.46	.92	(1.84)	(.34)	.13
Total from investment operations	(.35)	.98	1.42	(1.28)	.21	.66
<i>Distributions to preferred shareholders:</i>						
From net investment income	^e	(.01)	(.02)	(.12)	(.15)	(.13)
Total from investment operations (applicable to common shareholders)	(.35)	.97	1.40	(1.40)	.06	.53
<i>Distributions to common shareholders:</i>						
From net investment income	(.26)	(.52)	(.46)	(.42)	(.41)	(.41)
Total distributions	(.26)	(.52)	(.46)	(.42)	(.41)	(.41)
Increase from shares repurchased		□	□	.01	.02	.05
Net asset value, end of period (common shares)	\$7.01	\$7.62	\$7.17	\$6.23	\$8.04	\$8.37
Market price, end of period (common shares)	\$6.88	\$7.73	\$6.59	\$5.70	\$7.18	\$7.58

Total return at market price (%) (common shares) ^b	(7.57) *	25.94	24.96	(15.69)	(.14)	12.07
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RATIOS AND SUPPLEMENTAL DATA

Net assets, end of period (common shares) (in thousands)	\$402,659	\$437,394	\$410,733	\$356,857	\$322,047	\$373,773
Ratio of expenses to average net assets (excluding interest expense) (%) ^{c,d}	.51 *	.92	.98	1.24	1.21	1.14
Ratio of expenses to average net assets (including interest expense) (%) ^{c,d}	.52 * ^f	.94 ^f	1.03 ^f	1.28 ^f	1.21	1.14
Ratio of net investment income to average net assets (%) ^c	3.66 *	7.03	7.66	5.87	4.79	4.83
Portfolio turnover (%)	5 *	17	25	41	15	23

* Not annualized.

** Unaudited.

^a Per share net investment income has been determined on the basis of the weighted average number of shares outstanding during the period.

^b Total return assumes dividend reinvestment.

^c Ratios reflect net assets available to common shares only; net investment income ratio also reflects reduction for dividend payments to preferred shareholders.

^d Includes amounts paid through expense offset arrangements (Note 2).

^e Amount represents less than \$0.01 per share.

^f Includes interest and fee expense associated with borrowings which amounted to 0.01%, 0.02%, 0.05% and 0.04% of the average net assets for the periods ended April 30, 2011, October 31, 2010, October 31, 2009 and October 31, 2008, respectively (Note 1).

The accompanying notes are an integral part of these financial statements.

Notes to financial statements 4/30/11 (Unaudited)**Note 1: Significant accounting policies**

Putnam Managed Municipal Income Trust (the fund), a Massachusetts business trust, is registered under the Investment Company Act of 1940, as amended, as a diversified, closed-end management investment company. The fund's investment objective is to seek a high level of current income exempt from federal income tax. The fund intends to achieve its objective by investing in a diversified portfolio of tax-exempt municipal securities which Putnam Investment Management, LLC (Putnam Management), the fund's manager, an indirect wholly-owned subsidiary of Putnam Investments, LLC, believes does not involve undue risk to income or principal. Up to 60% of the fund's assets may consist of high-yield tax-exempt municipal securities that are below investment grade and involve special risk considerations. The fund also uses leverage by issuing preferred shares in an effort to increase the income to the common shares.

In the normal course of business, the fund enters into contracts that may include agreements to indemnify another party under given circumstances. The fund's maximum exposure under these arrangements is unknown as this would involve future claims that may be, but have not yet been, made against the fund. However, the fund's management team expects the risk of material loss to be remote.

The following is a summary of significant accounting policies consistently followed by the fund in the preparation of its financial statements. The preparation of financial statements is in conformity with accounting principles generally accepted in the United States of America and requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities in the financial statements and the reported amounts of increases and decreases in net assets from operations. Actual results could differ from those estimates. Subsequent events after the Statement of assets and liabilities date through the date that the financial statements were issued have been evaluated in the preparation of the financial statements. Unless otherwise noted, the "reporting period" represents the period from November 1, 2010 through April 30, 2011.

A) Security valuation Tax-exempt bonds and notes are generally valued on the basis of valuations provided by an independent pricing service approved by the Trustees. Such services use information with respect to transactions in bonds, quotations from bond dealers, market transactions in comparable securities and various relationships between securities in determining value. These securities will generally be categorized as Level 2.

Certain investments, including certain restricted and illiquid securities and derivatives, are also valued at fair value following procedures approved by the Trustees. Such valuations and procedures are reviewed periodically by the Trustees. These valuations consider such factors as significant market or specific security events such as interest rate or credit quality changes, various relationships with other securities, discount rates, U.S. Treasury, U.S. swap and credit yields, index levels, convexity exposures and recovery rates. These securities are classified as Level 2 or as Level 3 depending on the priority of the significant inputs. The fair value of securities is generally determined as the amount that the fund could reasonably expect to realize from an orderly disposition of such securities over a reasonable period of time. By its nature, a fair value price is a good faith estimate of the value of a security in a current sale and does not reflect an actual market price, which may be different by a material amount.

B) Security transactions and related investment income Security transactions are recorded on the trade date (the date the order to buy or sell is executed). Gains or losses on securities sold are determined on the identified cost basis. Interest income is recorded on the accrual basis. All premiums/discounts are amortized/accreted on a yield-to-maturity basis. The premium in excess of the call price, if any, is amortized to the call date; thereafter, any remaining premium is amortized to maturity. Securities purchased or sold on a delayed delivery basis may be settled a month or more after the trade date; interest income is accrued based on the terms of the securities. Losses may arise due to changes in the market value of the underlying securities or if the counterparty does not perform under the contract.

C) Tender option bond transactions The fund may participate in transactions whereby a fixed-rate bond is transferred to a tender option bond trust (TOB trust) sponsored by a broker. The TOB trust funds the purchase of the fixed rate bonds by issuing floating-rate bonds to third parties and allowing the fund to retain the residual interest in the TOB trust's assets and cash flows, which are in the form of inverse floating rate bonds. The inverse floating rate bonds held by the fund give the fund the right to (1) cause the holders of the floating rate bonds to tender their notes at par, and (2) to have the fixed-rate bond held by the TOB trust transferred to the fund, causing the TOB trust to collapse. The fund accounts for the transfer of the fixed-rate bond to the TOB trust as a secured borrowing by including the fixed-rate bond in the fund's portfolio and including the floating rate bond as a liability in the

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Statement of assets and liabilities. At the close of the reporting period, the fund's investments with a value of \$20,421,128 were held by the TOB trust and served as collateral for \$10,000,428 in floating-rate bonds outstanding. For the reporting period ended, the fund incurred interest expense of \$16,445 for these investments based on an average interest rate of 0.35%.

D) Federal taxes It is the policy of the fund to distribute all of its income within the prescribed time period and otherwise comply with the provisions of the Internal Revenue Code of 1986, as amended (the Code), applicable to regulated investment companies. It is also the intention of the fund to distribute an amount sufficient to avoid imposition of any excise tax under Section 4982 of the Code. The fund is subject to the provisions of Accounting Standards Codification ASC 740 *Income Taxes* (ASC 740). ASC 740 sets forth a minimum threshold for financial statement recognition of the benefit of a tax position taken or expected to be taken in a tax return. The fund did not have a liability to record for any unrecognized tax benefits in the accompanying financial statements. No provision has been made for federal taxes on income, capital gains or unrealized appreciation on securities held nor for excise tax on income and capital gains. Each of the fund's federal tax returns for the prior three fiscal years remains subject to examination by the Internal Revenue Service.

At October 31, 2010 the fund had a capital loss carryover of \$82,396,230 available to the extent allowed by the Code to offset future net capital gain, if any. The amounts of the carryovers and the expiration dates are:

Loss carryover	Expiration
\$38,152,374	October 31, 2011
12,656,387	October 31, 2012
574,057	October 31, 2013
3,275,525	October 31, 2014
954,441	October 31, 2015
11,265,981	October 31, 2016
12,490,924	October 31, 2017
2,996,741	October 31, 2018

Under the recently enacted Regulated Investment Company Modernization Act of 2010, the fund will be permitted to carry forward capital losses incurred in taxable years beginning after December 22, 2010 for an unlimited period. However, any losses incurred during those future years will be required to be utilized prior to the losses incurred in pre-enactment tax years. As a result of this ordering rule, pre-enactment capital loss carryforwards may be more likely to expire unused. Additionally, post-enactment capital losses that are carried forward will retain their character as either short-term or long-term capital losses rather than being considered all short-term as under previous law.

The aggregate identified cost on a tax basis is \$541,286,877, resulting in gross unrealized appreciation and depreciation of \$12,226,048 and \$31,062,905, respectively, or net unrealized depreciation of \$18,836,857.

E) Distributions to shareholders Distributions to common and preferred shareholders from net investment income are recorded by the fund on the ex-dividend date. Distributions from capital gains, if any, are recorded on the ex-dividend date and paid at least annually. Dividends on remarketed preferred shares become payable when, as and if declared by the Trustees. Each

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dividend period for the remarketed preferred shares Series A is generally a 28 day period. The applicable dividend rate for the remarketed preferred shares Series A on April 30, 2011 was 0.187%. Each dividend period for the remarketed preferred shares Series C is generally a 7 day period. The applicable dividend rate for the remarketed preferred shares Series C on April 30, 2011 was 0.143%. The amount and character of income and gains to be distributed are determined in accordance with income tax regulations, which may differ from generally accepted accounting principles. Dividend sources are estimated at the time of declaration. Actual results may vary. Any non-taxable return of capital cannot be determined until final tax calculations are completed after the end of the fund's fiscal year. Reclassifications are made to the fund's capital accounts to reflect income and gains available for distribution (or available capital loss carryovers) under income tax regulations.

During the reporting period, the fund has experienced unsuccessful remarketings of its remarketed preferred shares. As a result, dividends to the remarketed preferred shares have been paid at the "maximum dividend rate," pursuant to the fund's by-laws, which, based on the current credit quality of the remarketed preferred shares, equals 110% of the 60-day "AA" composite commercial paper rate.

40

F) Determination of net asset value Net asset value of the common shares is determined by dividing the value of all assets of the fund, less all liabilities and the liquidation preference of any outstanding remarketed preferred shares, by the total number of common shares outstanding as of period end.

Note 2: Management fee, administrative services and other transactions

The fund pays Putnam Management for management and investment advisory services quarterly based on the average net assets of the fund including assets attributable to preferred shares. The fee is based on the following annual rates:

The lesser of (i) 0.55% of average weekly net assets attributable to common and preferred shares outstanding, or (ii) the following rates:

- 0.65% of the first \$500 million of average net assets,
- 0.55% of the next \$500 million of average net assets,
- 0.50% of the next \$500 million of average net assets,
- 0.45% of the next \$5 billion of average net assets,
- 0.425% of the next \$5 billion of average net assets,
- 0.405% of the next \$5 billion of average net assets,
- 0.39% of the next \$5 billion of average net assets,
- 0.38% of any excess thereafter.

Putnam Investments Limited (PIL), an affiliate of Putnam Management, is authorized by the Trustees to manage a separate portion of the assets of the fund as determined by Putnam Management from time to time. Putnam Management pays a quarterly sub-management fee to PIL for its services at an annual rate of 0.40% of the average net assets of the portion of the fund managed by PIL.

If dividends payable on remarketed preferred shares during any dividend payment period plus any expenses attributable to remarketed preferred shares for that period exceed the fund's gross income attributable to the proceeds of the remarketed preferred shares during that period, then the fee payable to Putnam Management for that period will be reduced by the amount of the excess (but not more than the effective management and administrative service fees rate under the contracts multiplied by the liquidation preference of the remarketed preferred shares outstanding during the period).

The fund reimburses Putnam Management an allocated amount for the compensation and related expenses of certain officers of the fund and their staff who provide administrative services to the fund. The aggregate amount of all such reimbursements is determined annually by the Trustees.

Custodial functions for the fund's assets are provided by State Street Bank and Trust Company (State Street). Custody fees are based on the fund's asset level, the number of its security holdings and transaction volumes.

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Putnam Investor Services, a division of Putnam Fiduciary Trust Company (PFTC), which is an affiliate of Putnam Management, provided investor servicing agent functions to the fund through December 31, 2010. Subsequent to December 31, 2010 these services were provided by Putnam Investor Services, Inc., an affiliate of Putnam Management. Both Putnam Investor Services and Putnam Investor Services, Inc. were paid a monthly fee for investor servicing at an annual rate of 0.05% of the fund's average net assets. The amounts incurred for investor servicing agent functions during the reporting period are included in Investor servicing fees in the Statement of operations.

The fund has entered into expense offset arrangements with PFTC and State Street whereby PFTC's and State Street's fees are reduced by credits allowed on cash balances. For the reporting period, the fund's expenses were reduced by \$514 under the expense offset arrangements.

Each independent Trustee of the fund receives an annual Trustee fee, of which \$223, as a quarterly retainer, has been allocated to the fund, and an additional fee for each Trustees meeting attended. Trustees also are reimbursed for expenses they incur relating to their services as Trustees.

The fund has adopted a Trustee Fee Deferral Plan (the Deferral Plan) which allows the Trustees to defer the receipt of all or a portion of Trustees fees payable on or after July 1, 1995. The deferred fees remain invested in certain Putnam funds until distribution in accordance with the Deferral Plan.

The fund has adopted an unfunded noncontributory defined benefit pension plan (the Pension Plan) covering all Trustees of the fund who have served as a Trustee for at least five years and were first elected prior to 2004. Benefits under the Pension Plan are equal to 50% of the Trustee's average annual attendance and retainer fees for the three years ended December 31, 2005. The retirement benefit is payable during a Trustee's lifetime, beginning

41

the year following retirement, for the number of years of service through December 31, 2006. Pension expense for the fund is included in Trustee compensation and expenses in the Statement of operations. Accrued pension liability is included in Payable for Trustee compensation and expenses in the Statement of assets and liabilities. The Trustees have terminated the Pension Plan with respect to any Trustee first elected after 2003.

Note 3: Purchases and sales of securities

During the reporting period, cost of purchases and proceeds from sales of investment securities other than short-term investments aggregated \$25,990,999 and \$40,485,363, respectively. There were no purchases or proceeds from sales of long-term U.S. government securities.

Note 4: Preferred shares

The Series A (245) and C (1,980) Remarketed Preferred shares are redeemable at the option of the fund on any dividend payment date at a redemption price of \$100,000 per Series A remarketed preferred share, and at \$50,000 per Series C remarketed preferred share plus an amount equal to any dividends accumulated on a daily basis but unpaid through the redemption date (whether or not such dividends have been declared) and, in certain circumstances, a call premium.

It is anticipated that dividends paid to holders of remarketed preferred shares will be considered tax-exempt dividends under the Internal Revenue Code of 1986. To the extent that the fund earns taxable income and capital gains by the conclusion of a fiscal year, it may be required to apportion to the holders of the remarketed preferred shares throughout that year additional dividends as necessary to result in an after-tax equivalent to the applicable dividend rate for the period.

Under the Investment Company Act of 1940, the fund is required to maintain asset coverage of at least 200% with respect to the remarketed preferred shares. Additionally, the fund's bylaws impose more stringent asset coverage requirements and restrictions relating to the rating of the remarketed preferred shares by the shares' rating agencies. Should these requirements not be met, or should dividends accrued on the remarketed preferred shares not be paid, the fund may be restricted in its ability to declare dividends to common shareholders or may be required to redeem certain of the remarketed preferred shares. At April 30, 2011, no such restrictions have been placed on the fund.

Note 5: Shares repurchased

In September 2010, the Trustees approved the renewal of the repurchase program to allow the fund to repurchase up to 10% of its outstanding common shares over the 12-month period ending October 7, 2011 (based on shares outstanding as of October 7, 2010). Prior to this renewal, the Trustees had approved a repurchase program to allow the fund to repurchase up to 10% of its outstanding common shares over the 12-month period ending October 7, 2010 (based on shares outstanding as of October 7,

2009). Repurchases are made when the fund's shares are trading at less than net asset value and in accordance with procedures approved by the fund's Trustees. For the reporting period, the fund has not repurchased any common shares.

Note 6: Summary of derivative activity

The following is a summary of the market values of derivative instruments as of the close of the reporting period:

Derivatives not accounted for as hedging instruments under ASC 815	Asset derivatives		Liability derivatives	
	Statement of assets and liabilities location	Market value	Statement of assets and liabilities location	Market value
Equity contracts	Investments	\$1,480		\$0
Total		\$1,480		\$0

42

Change in unrealized appreciation or (depreciation) on derivatives recognized in net gain or (loss) on investments

Derivatives not accounted for as hedging instruments under ASC 815	Warrants	Total
Equity contracts	\$(235)	\$(235)
Total	\$(235)	\$(235)

Note 7: Regulatory matters and litigation

In late 2003 and 2004, Putnam Management settled charges brought by the Securities and Exchange Commission (the SEC) and the Massachusetts Securities Division in connection with excessive short-term trading in Putnam funds. Distribution of payments from Putnam Management to certain open-end Putnam funds and their shareholders is expected to be completed in the next several months. These allegations and related matters have served as the general basis for certain lawsuits, including purported class action lawsuits against Putnam Management and, in a limited number of cases, some Putnam funds. Putnam Management believes that these lawsuits will have no material adverse effect on the funds or on Putnam Management's ability to provide investment management services. In addition, Putnam Management has agreed to bear any costs incurred by the Putnam funds as a result of these matters.

Note 8: Market and credit risk

In the normal course of business, the fund trades financial instruments and enters into financial transactions where risk of potential loss exists due to changes in the market (market risk) or failure of the contracting party to the transaction to perform (credit risk). The fund may be exposed to additional credit risk that an institution or other entity with which the fund has

unsettled or open transactions will default.

43

Services for shareholders

Investor services

Systematic investment plan Tell us how much you wish to invest regularly weekly, semimonthly, or monthly and the amount you choose will be transferred automatically from your checking or savings account. There's no additional fee for this service, and you can suspend it at any time. This plan may be a great way to save for college expenses or to plan for your retirement.

Please note that regular investing does not guarantee a profit or protect against loss in a declining market. Before arranging a systematic investment plan, consider your financial ability to continue making purchases in periods when prices are low.

Systematic exchange You can make regular transfers from one Putnam fund to another Putnam fund. There are no additional fees for this service, and you can cancel or change your options at any time.

Dividends PLUS You can choose to have the dividend distributions from one of your Putnam funds automatically reinvested in another Putnam fund at no additional charge.

Free exchange privilege You can exchange money between Putnam funds free of charge, as long as they are the same class of shares. A signature guarantee is required if you are exchanging more than \$500,000. The fund reserves the right to revise or terminate the exchange privilege.

Reinstatement privilege If you've sold Putnam shares or received a check for a dividend or capital gain, you may reinvest the proceeds with Putnam within 90 days of the transaction and they will be reinvested at the fund's current net asset value with no sales charge. However, reinstatement of class B shares may have special tax consequences. Ask your financial or tax representative for details.

Check-writing service You have ready access to many Putnam accounts. It's as simple as writing a check, and there are no special fees or service charges. For more information about the check-writing service, call Putnam or visit our website.

Dollar cost averaging When you're investing for long-term goals, it's time, not timing, that counts. Investing on a systematic basis is a better strategy than trying to figure out when the markets will go up or down. This means investing the same amount of money regularly over a long period. This method of investing is called dollar cost averaging. When a fund's share price declines, your investment dollars buy more shares at lower prices. When it increases, they buy fewer shares. Over time, you will pay a lower average price per share.

For more information

Visit the Individual Investors section at putnam.com A secure section of our website contains complete information on your account, including balances and transactions, updated daily. You may also conduct transactions, such as exchanges, additional investments, and address changes. Log on today to get your password.

Call us toll free at 1-800-225-1581 Ask a helpful Putnam representative or your financial advisor for details about any of these or other services, or see your prospectus.

44

Fund information

About Putnam Investments

Founded over 70 years ago, Putnam Investments was built around the concept that a balance between risk and reward is the hallmark of a well-rounded financial program. We manage over 100 funds across income, value, blend, growth, asset allocation, absolute return, and global sector categories.

Investment Manager

Putnam Investment
Management, LLC
One Post Office Square
Boston, MA 02109

Robert J. Darretta
Paul L. Joskow
Kenneth R. Leibler
Robert E. Patterson
George Putnam, III
Robert L. Reynolds
W. Thomas Stephens

Robert R. Leveille
*Vice President and
Chief Compliance Officer*

Mark C. Trenchard
*Vice President and
BSA Compliance Officer*

Investment Sub-Manager

Putnam Investments Limited
57 St James Street
London, England SW1A 1LD

Officers

Robert L. Reynolds
President

Robert T. Burns
*Vice President and
Chief Legal Officer*

Marketing Services

Putnam Retail Management
One Post Office Square
Boston, MA 02109

Jonathan S. Horwitz
*Executive Vice President,
Principal Executive
Officer, Treasurer and
Compliance Liaison*

James P. Pappas
Vice President

Custodian

State Street Bank
and Trust Company

Steven D. Krichmar
*Vice President and
Principal Financial Officer*

Judith Cohen
*Vice President, Clerk and
Assistant Treasurer*

Legal Counsel

Ropes & Gray LLP

Janet C. Smith
*Vice President, Assistant
Treasurer and Principal
Accounting Officer*

Michael Higgins
*Vice President, Senior Associate
Treasurer and Assistant Clerk*

Trustees

John A. Hill, *Chairman*
Jameson A. Baxter,
Vice Chairman
Ravi Akhoury
Barbara M. Baumann
Charles B. Curtis

Beth S. Mazor
Vice President

Nancy E. Florek
*Vice President, Assistant Clerk,
Assistant Treasurer and
Proxy Manager*

Susan G. Malloy
*Vice President and
Assistant Treasurer*

Call 1-800-225-1581 Monday through Friday between 8:00 a.m. and 8:00 p.m. Eastern Time, or visit putnam.com anytime for up-to-date information about the fund's NAV.

Item 2. Code of Ethics:

Not Applicable

Item 3. Audit Committee Financial Expert:

Not Applicable

Item 4. Principal Accountant Fees and Services:

Not Applicable

Item 5. Audit Committee

Not Applicable

Item 6. Schedule of Investments:

The registrant's schedule of investments in unaffiliated issuers is included in the report to shareholders in Item 1 above.

Item 7. Disclosure of Proxy Voting Policies and Procedures For Closed-End Management Investment Companies:

Not applicable

Item 8. Portfolio Managers of Closed-End Management Investment Companies

(a) Not applicable

(b) There have been no changes to the list of the registrant's identified portfolio managers included in the registrant's report on Form N-CSR for the most recent completed fiscal year.

Item 9. Purchases of Equity Securities by Closed-End Management Investment Companies and Affiliated Purchasers:

Registrant Purchase of Equity Securities

Total Number of Shares Purchased	Number (or Approximate Dollar Value)
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Explanation of Responses:

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<u>Period</u>	<u>Total Number of Shares Purchased</u>	<u>Average Price Paid per Share</u>	<u>as Part of Publicly Announced Plans or Programs*</u>	<u>of Shares that May Yet Be Purchased under the Plans or Programs</u>
November 1 - November 30, 2010	-	-	-	5,735,496
December 1 - December 31, 2010	-	-	-	5,735,496
<hr/>				
January 1 - January 31, 2011	-	-	-	5,735,496
February 1 - February 28, 2011	-	-	-	5,735,496
March 1 - March 31, 2011	-	-	-	5,735,496
April 1 - April 30, 2011	-	-	-	5,735,496

* In October 2005, the Board of Trustees of the Putnam Funds initiated the closed-end fund share repurchase program, which, as subsequently amended, authorized the repurchase of up to 10% of the fund's outstanding common shares over the two-years ending October 5, 2007. The Trustees subsequently renewed the program on four occasions, to permit the repurchase of an additional 10% of the fund's outstanding common shares over each of the twelve-month periods beginning on October 8, 2007, October 8, 2008 ,October 8, 2009 and October 8, 2010.

The October 8, 2008 - October 7, 2009 program, which was announced in September 2008, allowed repurchases up to a total of 5,728,836 shares of the fund.

The October 8, 2009 - October 7, 2010 program, which was announced in September 2009, allows repurchases up to a total of 5,726,836 shares of the fund.

The October 8, 2010 - October 7, 2011 program, which was announced in September 2010, allows repurchases up to a total of 5,735,496 shares of the fund.

Item 10. Submission of Matters to a Vote of Security Holders:

Not applicable

Item 11. Controls and Procedures:

Explanation of Responses:

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(a) The registrant's principal executive officer and principal financial officer have concluded, based on their evaluation of the effectiveness of the design and operation of the registrant's disclosure controls and procedures as of a date within 90 days of the filing date of this report, that the design and operation of such procedures are generally effective to provide reasonable assurance that information required to be disclosed by the registrant in this report is recorded, processed, summarized and reported within the time periods specified in the Commission's rules and forms.

(b) Changes in internal control over financial reporting: Not applicable

Item 12. Exhibits:

(a)(1) Not applicable

(a)(2) Separate certifications for the principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the Investment Company Act of 1940, as amended, are filed herewith.

(b) The certifications required by Rule 30a-2(b) under the Investment Company Act of 1940, as amended, are filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Putnam Managed Municipal Income Trust

By (Signature and Title):

/s/Janet C. Smith

Janet C. Smith
Principal Accounting Officer

Date: June 28, 2011

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title):

/s/Jonathan S. Horwitz

Jonathan S. Horwitz
Principal Executive Officer

Date: June 28, 2011

By (Signature and Title):

Explanation of Responses:

/s/Steven D. Krichmar
Steven D. Krichmar
Principal Financial Officer

Date: June 28, 2011
