

BLACKROCK MUNI INTERMEDIATE DURATION FUND INC

Form N-Q

October 29, 2007

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

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-21348

Name of Fund: BlackRock Muni Intermediate Duration Fund, Inc.

Fund Address: P.O. Box 9011
Princeton, NJ 08543-9011

Name and address of agent for service: Robert C. Doll, Jr., Chief Executive
Officer, BlackRock Muni Intermediate Duration Fund, Inc., 800 Scudders
Mill Road, Plainsboro, NJ, 08536. Mailing address: P.O. Box 9011,
Princeton, NJ, 08543-9011

Registrant's telephone number, including area code: (800) 882-0052

Date of fiscal year end: 05/31/2008

Date of reporting period: 06/01/2007 - 08/31/2007

Item 1 - Schedule of Investments

BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of August 31, 2007 (Unaudited)

| State | Face Amount | Municipal Bonds |
|----------------|-------------|--|
| Alabama - 3.4% | \$ 5,500 | Jefferson County, Alabama, Limited Obligation School Warrants, S 5.50% due 1/01/2021 |
| | 6,500 | Jefferson County, Alabama, Limited Obligation School Warrants, S 5.25% due 1/01/2023 |
| | 6,600 | Tuscaloosa, Alabama, Special Care Facilities Financing Authority Care Facility Revenue Bonds (Capstone Village, Inc. Project), Se 5.625% due 8/01/2025 |
| Arizona - 2.2% | 2,820 | Maricopa County, Arizona, IDA, Education Revenue Bonds (Arizona Schools Project 1), Series A, 6.625% due 7/01/2020 |
| | 3,000 | Navajo County, Arizona, IDA, IDR (Stone Container Corporation Pr 7.20% due 6/01/2027 |
| | 990 | Pima County, Arizona, IDA, Education Revenue Bonds (Arizona Char Project), Series C, 6.70% due 7/01/2021 |
| | 820 | Pima County, Arizona, IDA, Education Revenue Bonds (Arizona Char Project), Series K, 6.375% due 7/01/2013 (i) |
| | 930 | Pima County, Arizona, IDA, Education Revenue Bonds (Arizona Char Project), Series K, 6.375% due 7/01/2032 |
| | 3,630 | Vistancia Community Facilities District, Arizona, GO, 5% due 7/1 |

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| Arkansas - 0.7% | 3,755 | Conway, Arkansas, Public Facilities Board, Capital Improvement R Refunding Bonds (Hendrix College Projects), Series B, 5% due 10/ |
| California - 20.9% | 8,000 | Antelope Valley, California, Health Care District Revenue Bonds, Series A, 5.25% due 9/01/2017 |
| | 2,900 | California HFA, Home Mortgage Revenue Bonds, VRDN, AMT, Series R due 8/01/2032 (a) (k) |
| | 750 | California Pollution Control Financing Authority, Solid Waste Di Bonds (Republic Services Inc. Project), AMT, Series B, 5.25% due |
| | 1,240 | California Pollution Control Financing Authority, Solid Waste Di Bonds (Waste Management Inc. Project), AMT, Series A-2, 5.40% du |
| | 5,000 | California State Department of Water Resources, Power Supply Rev Series A, 5.375% due 5/01/2012 (i) |
| | 15,575 | California State, GO, 5.50% due 4/01/2014 (i) |
| | 15 | California State, GO, 5.50% due 4/01/2028 |
| | 5,000 | California State, GO, Refunding, 5.25% due 2/01/2027 (h) |
| | 10,000 | California State Public Works Board, Lease Revenue Bonds (Depart Corrections), Series C, 5.50% due 6/01/2020 |
| | 2,500 | California Statewide Communities Development Authority, Health F Revenue Bonds (Memorial Health Services), Series A, 6% due 10/01 |

Portfolio Abbreviations

To simplify the listings of BlackRock Muni Intermediate Duration Fund, Inc.'s portfolio holdings in the Schedule of Investments, we have abbreviated the names of many of the securities according to the list below.

| | |
|------|--------------------------------------|
| AMT | Alternative Minimum Tax (subject to) |
| COP | Certificates of Participation |
| EDA | Economic Development Authority |
| EDR | Economic Development Revenue Bonds |
| GO | General Obligation Bonds |
| HFA | Housing Finance Agency |
| IDA | Industrial Development Authority |
| IDB | Industrial Development Board |
| IDR | Industrial Development Revenue Bonds |
| PCR | Pollution Control Revenue Bonds |
| S/F | Single-Family |
| VRDN | Variable Rate Demand Notes |

BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of August 31, 2007 (Unaudited) (concluded)

| State | Face Amount | Municipal Bonds |
|---------------------------|----------------|--|
| California (concluded) | \$ 2,400 | Elk Grove, California, Poppy Ridge Community Facilities Number 3 Series 1, 6% due 9/01/2008 (i) |
| | 5,000 | Golden State Tobacco Securitization Corporation of California, T Revenue Refunding Bonds, Senior Series A-1, 5% due 6/01/2015 |
| | 9,000 | Golden State Tobacco Securitization Corporation of California, T Revenue Refunding Bonds, Senior Series A-1, 5.75% due 6/01/2047 |
| | 1,435 | Los Angeles, California, Regional Airports Improvement Corporati Lease Revenue Refunding Bonds (LAXFUEL Corporation - Los Angeles Airport), AMT, 5.50% due 1/01/2032 (a) |
| | 10,135 | Peralta, California, Community College District, GO (Election of 5% due 8/01/2030 (g) |

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| | 1,515 | Rowland, California, Unified School District, GO (Election of 2020), 5.25% due 8/01/2027 (g) |
| | 585 | Sacramento, California, Special Tax (North Natomas Community Facilities District Number 1), Series 4-C, 5.60% due 9/01/2020 |
| | 1,720 | Sacramento, California, Special Tax (North Natomas Community Facilities District Number 1), Series 4-C, 5.75% due 9/01/2022 |
| | 500 | Sacramento, California, Special Tax (North Natomas Community Facilities District Number 1), Series 4-C, 5.90% due 9/01/2023 |
| | 3,000 | Sacramento, California, Special Tax (North Natomas Community Facilities District Number 1), Series 4-C, 6% due 9/01/2028 |
| | 3,000 | San Jose, California, Airport Revenue Bonds, Series A, 5.25% due 9/01/2028 |
| | 3,100 | San Jose, California, GO (Libraries, Parks and Public Safety Projects), 5% due 9/01/2030 (h) |
| | 9,030 | Sequoia, California, Unified High School District, GO, Refunding Bonds, 5.50% due 7/01/2035 (g) |
| | 4,000 | Southern California HFA, S/F Mortgage Revenue Bonds, AMT, Series 2019, 5.80% due 12/01/2049 (e) (f) |
| | 4,875 | Tamalpais, California, Union High School District, GO (Election of 2018), 5% due 8/01/2028 (g) |
| | 2,610 | Tustin, California, Unified School District, Senior Lien Special Tax (Community Facilities District Number 97-1), Series A, 5% due 9/01/2028 |
| Colorado - 2.2% | 700 | Elk Valley, Colorado, Public Improvement Revenue Bonds (Public Improvement Fees), Series A, 7.10% due 9/01/2014 |
| | 2,250 | Montrose, Colorado, Memorial Hospital, Revenue Bonds, 6.375% due 9/01/2028 |
| | 7,500 | Plaza Metropolitan District Number 1, Colorado, Tax Allocation Revenue Bonds (Public Improvement Fees), 7.50% due 12/01/2015 |
| | 1,000 | Southlands Metropolitan District Number 1, Colorado, GO, 6.75% due 9/01/2028 |
| Connecticut - 1.7% | 1,160 | Connecticut State Development Authority, Airport Facility Revenue Bonds (Learjet Inc. Project), AMT, 7.95% due 4/01/2026 |
| | 8,000 | Connecticut State Development Authority, PCR, Refunding (Connecticut Light and Power Company), Series A, 5.85% due 9/01/2028 |
| Florida - 5.0% | 2,900 | Harbor Bay, Florida, Community Development District, Capital Improvement Special Assessment Bonds, 6.75% due 5/01/2034 |
| | 1,000 | Highlands County, Florida, Health Facilities Authority, Hospital Refunding Bonds (Adventist Health System), Series G, 5.125% due 9/01/2028 |
| | 5,500 | Miami-Dade County, Florida, Aviation Revenue Refunding Bonds (Miami International Airport), AMT, 5.75% due 10/01/2019 (c) |
| | 3,500 | Midtown Miami, Florida, Community Development District, Special Revenue Bonds, Series A, 6% due 5/01/2024 |
| | 2,000 | Midtown Miami, Florida, Community Development District, Special Revenue Bonds, Series B, 6.50% due 5/01/2037 |
| | 3,670 | Orange County, Florida, Health Facilities Authority, Health Care Refunding Bonds (Orlando Lutheran Towers), 5% due 7/01/2013 |
| | 875 | Orlando, Florida, Urban Community Development District, Capital Improvement Special Assessment Bonds, 6% due 5/01/2020 |
| | 1,085 | Portofino Shores, Florida, Community Development District, Special Revenue Bonds, Series A, 6.40% due 5/01/2034 |
| | 2,390 | South Lake County, Florida, Hospital District Revenue Bonds (Southwest Florida Hospital Inc.), 6.625% due 10/01/2023 |
| | 305 | Sterling Hill, Florida, Community Development District, Capital Improvement Revenue Refunding Bonds, Series B, 5.50% due 11/01/2010 |
| | 4,000 | University of Florida Research Foundation Inc., Capital Improvement Bonds, 5.125% due 9/01/2033 (a) |
| Georgia - 2.2% | 1,500 | Atlanta, Georgia, Tax Allocation Bonds (Atlantic Station Project), 7.90% due 12/01/2011 (i) |
| | 5,395 | Brunswick and Glynn County, Georgia, Development Authority, First Lien Revenue Bonds (Coastal Community Retirement Corporation Project), 7.125% due 1/01/2025 |

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| | 2,800 | Brunswick and Glynn County, Georgia, Development Authority, First Revenue Bonds (Coastal Community Retirement Corporation Project) 7.25% due 1/01/2035 |
| | 4,500 | Fulton County, Georgia, Residential Care Facilities, Revenue Refunding (Canterbury Court Project), Series A, 5.80% due 2/15/2018 |
| Idaho - 0.8% | 4,000 | Boise City, Idaho, COP, AMT, 5.50% due 9/01/2025 (c) |
| | 335 | Idaho Housing and Finance Association, S/F Mortgage Revenue Bonds Series F-2, 5.85% due 7/01/2015 (d) (n) |
| Illinois - 7.5% | 2,510 | Chicago, Illinois, O'Hare International Airport Revenue Bonds, Term Series B-2, 6% due 1/01/2029 (m) |
| | 8,650 | Du Page and Will Counties, Illinois, Community School District No. 1 (Indian Prairie), GO, 5.25% due 12/30/2022 (c) (j) |
| | 6,000 | Hodgkins, Illinois, Environmental Improvement Revenue Bonds (Metropolitan Management LLC Project), AMT, 5.90% due 11/01/2017 |
| | 6,930 | Illinois, Development Finance Authority Revenue Bonds (Community Providers Facilities), Series A, 6.625% due 7/01/2032 |
| | 1,800 | Illinois State Finance Authority Revenue Bonds (Landing At Plymouth Project), Series A, 6% due 5/15/2025 |
| | 12,695 | McHenry County, Illinois, Conservation District, GO, 5.125% due 1/01/2025 |
| | 1,580 | Village of Wheeling, Illinois, Revenue Bonds (North Milwaukee/Laurelwood Increment Financing (TIF) Redevelopment Project), 6% due 1/01/2025 |
| Indiana - 0.8% | 4,300 | Indiana Transportation Finance Authority, Highway Revenue Bonds, Series A, 5% due 6/01/2013 (g) (i) |
| Louisiana - 2.6% | 2,000 | Louisiana Public Facilities Authority Revenue Bonds (Nineteenth District Court Building Project), 5.50% due 6/01/2041 (c) |
| | 6,965 | Louisiana Public Facilities Authority Revenue Bonds (University Research and Technology Foundation, Inc. - Student Housing Project), 5.25% due 3/01/2026 (h) |
| | 5,000 | Port New Orleans, Louisiana, IDR, Refunding (Continental Grain Company), 6.50% due 1/01/2017 |
| Maine - 0.4% | 1,965 | Portland, Maine, Housing Development Corporation, Senior Living Refunding (Avesta Housing Development Corporation Project), Series A, 6% due 1/01/2025 |
| Maryland - 0.1% | 500 | Maryland State Industrial Development Financing Authority, EDR (Our Lady of Good Counsel School), Series A, 6% due 5/01/2035 |
| Massachusetts - 3.0% | 4,560 | Massachusetts Bay Transportation Authority, Sales Tax Revenue Refunding Senior Series A, 5% due 7/01/2012 (i) |
| | 1,210 | Massachusetts State Development Finance Agency, Resource Recovery Bonds (Ogden Haverhill Associates), AMT, Series B, 5.35% due 12/01/2017 |
| | 2,000 | Massachusetts State Development Finance Agency, Resource Recovery Bonds (Ogden Haverhill Associates), AMT, Series B, 5.50% due 12/01/2017 |
| | 8,325 | Massachusetts State School Building Authority, Dedicated Sales Tax Revenue Bonds, Series A, 5% due 8/15/2030 (g) |
| Michigan - 1.3% | 2,325 | Macomb County, Michigan, Hospital Finance Authority, Hospital Refunding (Mount Clemens General Hospital), Series B, 5.875% due 11/15/2030 |
| | 4,795 | Michigan State Hospital Finance Authority, Revenue Refunding Bonds (Oakwood Obligated Group), Series A, 6% due 4/01/2022 |
| Minnesota - 1.0% | 1,000 | Minneapolis and Saint Paul, Minnesota, Housing and Redevelopment Finance Authority, Health Care System Revenue Bonds (Group Health Plan Inc. Project), 6% due 12/01/2019 |
| | 2,545 | Minneapolis and Saint Paul, Minnesota, Housing and Redevelopment Finance Authority, Health Care System Revenue Bonds (Group Health Plan Inc. Project), 6% due 12/01/2021 |
| | 2,000 | Minnesota State Municipal Power Agency, Electric Revenue Bonds, Series A, 5% due 1/01/2025 |

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| | | 5.25% due 10/01/2024 |
|--------------------|---|---|
| Mississippi - 1.4% | 5,000 | Mississippi Business Finance Corporation, Mississippi, PCR, Refu (System Energy Resources Inc. Project), 5.875% due 4/01/2022 |
| | 2,910 | Mississippi Business Finance Corporation, Mississippi, PCR, Refu (System Energy Resources Inc. Project), 5.90% due 5/01/2022 |
| Nebraska - 1.8% | 10,000 | Public Power Generation Agency, Nebraska, Revenue Bonds (Whelan Energy Center Unit 2), Series A, 5% due 1/01/2037 (a) |
| Nevada - 0.4% | 2,230 | Clark County, Nevada, Improvement District Number 142, Special A Bonds, 6.375% due 8/01/2023 |
| New Jersey - 11.7% | 3,635 | Garden State Preservation Trust of New Jersey, Open Space and Fa Preservation Revenue Bonds, Series A, 5.80% due 11/01/2021 (g) |
| | 5,050 | Garden State Preservation Trust of New Jersey, Open Space and Fa Preservation Revenue Bonds, Series A, 5.80% due 11/01/2023 (g) |
| | 9,810 | New Jersey EDA, Cigarette Tax Revenue Bonds, 5.75% due 6/15/2029 |
| | 17,900 | New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A, 5.25% due 7/01/2033 (h) |
| | 5,540 | New Jersey EDA, Special Facility Revenue Bonds (Continental Airl Project), AMT, 6.625% due 9/15/2012 |
| | 5,000 | New Jersey EDA, Water Facilities Revenue Refunding Bonds (Americ Series B, 5.125% due 4/01/2022 (a) |
| | 4,215 | New Jersey State Transportation Trust Fund Authority, Transporta Revenue Bonds, Series D, 5% due 6/15/2018 (a) |
| | 11,120 | New Jersey State Transportation Trust Fund Authority, Transporta Revenue Bonds, Series D, 5% due 6/15/2019 (g) |
| New Mexico - 4.0% | 3,000 | Farmington, New Mexico, PCR, Refunding (Public Service Company o San Juan Project), Series D, 6.375% due 4/01/2022 |
| | 9,000 | Farmington, New Mexico, PCR, Refunding (Tucson Electric Power Co San Juan Project), Series A, 6.95% due 10/01/2020 |
| | 9,520 | New Mexico Finance Authority, Senior Lien State Transportation R Series A, 5.125% due 6/15/2018 (h) |
| New York - 25.6% | 1,090 | Dutchess County, New York, IDA, Civic Facility Revenue Bonds (Saint Francis Hospital), Series B, 7.25% due 3/01/2019 |
| | 10,500 | Metropolitan Transportation Authority, New York, Revenue Refundi Series A, 5.75% due 11/15/2032 |
| | 3,500 | New York City, New York, City IDA, Special Facility Revenue Bond (Continental Airlines Inc. Project), AMT, 8.375% due 11/01/2016 |
| | 1,110 | New York City, New York, City Transitional Finance Authority, Fu Secured Revenue Bonds, Series C, 5.50% due 5/01/2009 (i) |
| | 5,000 | New York City, New York, GO, Refunding, Series B, 5.75% due 8/01/2019 |
| | 2,055 | New York City, New York, IDA, Civic Facility Revenue Bonds (Spec Facilities Pooled Program), Series C-1, 6.80% due 7/01/2019 |
| | 9,070 | New York City, New York, Sales Tax Asset Receivable Corporation Series A, 5% due 10/15/2020 (h) |
| | 5,580 | New York State Dormitory Authority, Lease Revenue Refunding Bond (Court Facilities), Series A, 5.25% due 5/15/2012 |
| | 8,285 | New York State Dormitory Authority, Non-State Supported Debt, Re Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 6.625% due 7/01/2010 (i) |
| | 2,385 | New York State Dormitory Authority, Non-State Supported Debt, Re Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 6.625% due 7/01/2018 |
| 1,330 | New York State Dormitory Authority, Non-State Supported Debt, Re Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 6.625% due 7/01/2019 | |
| 1,000 | New York State Dormitory Authority Revenue Bonds (North Shore L 5% due 5/01/2012 | |

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| | 9,540 | New York State Dormitory Authority Revenue Bonds (School District Program), Series D, 5.25% due 10/01/2023 (h) |
| | 7,775 | New York State Dormitory Authority Revenue Refunding Bonds (City System), Consolidated Second Generation, Series A, 6.125% due 7/01/2023 (g) |
| | 7,380 | New York State Environmental Facilities Corporation, State Personal Income Tax Refunding Bonds, Series A, 5.25% due 12/15/2014 (c) (i) |
| | 60 | New York State Thruway Authority, Local Highway and Bridge Service Revenue Refunding Bonds, 5.50% due 4/01/2017 |
| | 825 | New York State Urban Development Corporation, Correctional and Youth Facilities Services, Revenue Refunding Bonds, Series A, 5.50% due 10/01/2023 (g) |
| | 10,825 | New York State Urban Development Corporation, Correctional and Youth Facilities Services, Revenue Refunding Bonds, Series A, 5.50% due 10/01/2023 (g) |
| | 10,000 | New York State Urban Development Corporation, Personal Income Tax Refunding Bonds (State Facilities), Series A-1, 5.25% due 3/15/2034 (c) |
| | 5,000 | Port Authority of New York and New Jersey, Senior Consolidated Revenue Bonds, 131st Series, 5% due 12/15/2017 (b) |
| | 6,510 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.25% due 6/01/2022 (a) |
| | 9,750 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.50% due 6/01/2020 (c) |
| | 7,000 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.50% due 6/01/2021 |
| | 10,000 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.50% due 6/01/2022 |
| North Carolina - 1.7% | 3,105 | Gaston County, North Carolina, Industrial Facilities and Pollution Control Financing Authority, Revenue Bonds (National Gypsum Company Project), 5.75% due 8/01/2035 |
| | 6,000 | North Carolina Medical Care Commission, Health Care Facilities, Revenue Refunding Bonds (Presbyterian Homes Project), 7% due 10/01/2023 (g) |
| Ohio - 0.2% | 1,280 | Port of Greater Cincinnati Development Authority, Ohio, Special Revenue Bonds (Cooperative Public Parking Infrastructure Project), 6.30% due 2/15/2024 |
| Pennsylvania - 9.0% | 3,500 | Montgomery County, Pennsylvania, IDA, Revenue Bonds (Whitemarsh Project), 6% due 2/01/2021 |
| | 7,710 | Pennsylvania Economic Development Financing Authority, Exempt Facility Revenue Bonds (National Gypsum Company), AMT, Series A, 6.25% due 11/01/2023 (g) |
| | 2,895 | Philadelphia, Pennsylvania, Airport Revenue Bonds (Philadelphia Airport Authority), AMT, Series A, 5% due 6/15/2020 (g) |
| | 3,905 | Philadelphia, Pennsylvania, Airport Revenue Refunding Bonds (Philadelphia Airport Authority), AMT, Series B, 5% due 6/15/2019 (g) |
| | 7,490 | Philadelphia, Pennsylvania, Gas Works Revenue Refunding Bonds, 1975 General Ordinance, 17th Series, 5.375% due 7/01/2022 (g) |
| | 9,630 | Pittsburgh, Pennsylvania, GO, Refunding, Series B, 5.25% due 9/01/2023 (g) |
| | 6,430 | Pittsburgh, Pennsylvania, GO, Series C, 5.25% due 9/01/2018 (g) |
| | 4,615 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Refunding Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2011 (i) |
| | 455 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Refunding Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2015 |
| | 785 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Refunding Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2016 |
| | 385 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Refunding Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2018 |
| South Carolina - 2.2% | 8,000 | Georgetown County, South Carolina, Pollution Control Facilities, Revenue Refunding Bonds (International Paper Company Project), Series A, 5.125% due 2/01/2012 |
| | 4,250 | Medical University Hospital Authority, South Carolina, Mortgage Revenue Refunding Bonds, Series A, 5.25% due 8/15/2023 (g) |

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| Tennessee - 4.8% | 1,800 | Johnson City, Tennessee, Health and Educational Facilities Board Facility Revenue Bonds (Appalachian Christian Village Project), 6% due 2/15/2019 |
| | 5,000 | McMinn County, Tennessee, IDB, PCR (Calhoun Newsprint Co. Project) 7.625% due 3/01/2016 |
| | 2,005 | Memphis-Shelby County, Tennessee, Airport Authority, Airport Revenue Series A, 5.50% due 3/01/2017 (g) |
| | 2,800 | Sevier County, Tennessee, Public Building Authority, Local Government Improvement Revenue Bonds, VRDN, AMT, Series III-A, 4% due 6/01/2023 |
| | 3,550 | Shelby County, Tennessee, Health, Educational & Housing Facilities Revenue Bonds (Germantown Village), Series A, 6.75% due 12/01/2023 |
| | 1,450 | Shelby County, Tennessee, Health, Educational & Housing Facilities Revenue Bonds (Germantown Village), Series A, 7% due 12/01/2023 |
| | 6,000 | Shelby County, Tennessee, Health, Educational and Housing Facilities Hospital Revenue Refunding Bonds (Methodist Healthcare), 6% due 12/01/2023 |
| | 3,500 | Shelby County, Tennessee, Health, Educational and Housing Facilities Hospital Revenue Refunding Bonds (Methodist Healthcare), 6.25% due 12/01/2023 |
| | Texas - 14.5% | 6,230 |
| 10,260 | | Austin, Texas, Convention Center Revenue Bonds (Convention Center First Tier, Series A, 6.70% due 1/01/2011 (i)) |
| 1,500 | | Bexar County, Texas, Health Facilities Development Corporation, Refunding Bonds (Army Retirement Residence Project), 6.30% due 7/01/2023 |
| 5,085 | | Brazos River Authority, Texas, PCR, Refunding (TXU Energy Company AMT, Series A, 7.70% due 4/01/2033) |
| 1,500 | | Brazos River Authority, Texas, PCR, Refunding (TXU Energy Company AMT, Series A, 6.75% due 4/01/2038) |
| 4,000 | | Dallas-Fort Worth, Texas, International Airport Facility Improvement Revenue Bonds (Learjet Inc.), AMT, Series A-1, 6.15% due 1/01/2029 |
| 5,000 | | Dallas-Fort Worth, Texas, International Airport Facility Improvement Revenue Refunding Bonds, AMT, Series A-2, 9% due 5/01/2029 |
| 2,440 | | Gulf Coast, Texas, IDA, Solid Waste Disposal Revenue Bonds (Citgo Petroleum Corporation Project), AMT, 7.50% due 5/01/2025 |
| 3,000 | | Gulf Coast Waste Disposal Authority, Texas, Revenue Refunding Bonds (International Paper Company), AMT, Series A, 6.10% due 8/01/2025 |
| 5,790 | | Houston, Texas, Airport System Revenue Refunding Bonds, Sub-Lien Series A, 5.50% due 7/01/2023 (g) |
| 1,500 | | Houston, Texas, Health Facilities Development Corporation, Retirement Revenue Bonds (Buckingham Senior Living Community), Series A, 7% due 7/01/2023 |
| 7,420 | | Lower Colorado River Authority, Texas, PCR (Samsung Austin Semiconductor) 6.95% due 4/01/2030 |
| 2,600 | | Matagorda County, Texas, Navigation District Number 1, Revenue Refunding Bonds (Reliant Energy Inc.), Series C, 8% due 5/01/2029 |
| 2,300 | | Port Corpus Christi, Texas, Individual Development Corporation, Facilities Revenue Bonds (Citgo Petroleum Corporation Project), 8.25% due 11/01/2031 |
| 5,000 | | Sabine River Authority, Texas, PCR, Refunding (TXU Electric Company Energy Company LLC), AMT, Series B, 5.75% due 5/01/2030 |
| 8,000 | | Texas State Affordable Housing Corporation, S/F Mortgage Revenue Bonds (Professional Educators Home Loan Program), AMT, Series A-3, 5.60% due 2/01/2039 (e) (f) |
| 5,000 | Texas State Affordable Housing Corporation, S/F Mortgage Revenue Bonds (Professional Educators Home Loan Program), AMT, Series B, 5.95% due 12/01/2039 (e) (f) | |
| Virginia - 4.7% | 3,285 | James City County, Virginia, IDA, Residential Care Facility Revenue Bonds, Series A, 5.75% due 3/01/2017 |
| | 1,150 | James City County, Virginia, IDA, Residential Care Facility Revenue Bonds, Series A, 6% due 3/01/2023 |
| | 2,250 | Loudoun County, Virginia, IDA, IDR, Refunding (Dulles Airport Maintenance) 7.125% due 9/01/2015 |

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| | 10,735 | Pocahontas Parkway Association, Virginia, Toll Road Revenue Bond Senior Series A, 5.50% due 8/15/2008 (i) |
| | 7,800 | Tobacco Settlement Financing Corporation of Virginia, Asset-Backed 5.625% due 6/01/2015 (i) |
| Washington - 2.1% | 1,500 | Seattle, Washington, Municipal Light and Power Revenue Bonds, 5.30% due 12/01/2020 (h) |
| | 10,000 | Snohomish County, Washington, School District Number 015 (Edmondson) 5% due 12/01/2019 (c) |
| Guam - 0.9% | 4,000 | Commonwealth of the Northern Mariana Islands, Guam, GO, Series A, 6.75% due 10/01/2013 (i) |
| | 250 | Commonwealth of the Northern Mariana Islands, Guam, GO, Series A, 6.75% due 10/01/2033 |
| Puerto Rico - 7.9% | 1,820 | Puerto Rico Commonwealth, Public Improvement, GO, Refunding, Series A, 5.25% due 7/01/2032 |
| | 17,935 | Puerto Rico Electric Power Authority, Power Revenue Bonds, Series A, 5.50% due 7/01/2013 (i) |
| | 5,390 | Puerto Rico Industrial, Medical and Environmental Pollution Control Financing Authority, Special Facilities Revenue Bonds (American Express) Series A, 6.45% due 12/01/2025 |
| | 5,170 | Puerto Rico Public Buildings Authority, Government Facilities Revenue Bonds, Series D, 5.25% due 7/01/2027 |
| | 8,000 | Puerto Rico Public Buildings Authority, Government Facilities Revenue Bonds, Series I, 5.50% due 7/01/2021 |
| | 3,535 | Puerto Rico Public Finance Corporation, Commonwealth Appropriation Bonds, Series E, 5.50% due 2/01/2012 (i) |
| U.S. Virgin Islands - 1.6% | 1,860 | Virgin Islands Government Refinery Facilities, Revenue Refunding Bonds (Hovensa Coker Project), AMT, 6.50% due 7/01/2021 |
| | 6,750 | Virgin Islands Public Finance Authority, Refinery Facilities Revenue Bonds (Hovensa Refinery), AMT, 6.125% due 7/01/2022 |
| | | Total Municipal Bonds (Cost - \$825,040) - 150.3% |
| | | Municipal Bonds Held in Trust (1) |
| California - 3.3% | 17,730 | California Pollution Control Financing Authority, PCR, Refunding Bonds (Pacific Gas and Electric), AMT, Series A, 5.35% due 12/01/2016 |
| New York - 2.1% | 11,100 | New York City, New York, Sales Tax Asset Receivable Corporation Series A, 5.25% due 10/15/2027 (a) |
| Texas - 5.8% | 31,240 | Harris County, Texas, Toll Road Revenue Refunding Bonds, Senior Series A, 5.25% due 8/15/2035 (g) |
| | | Total Municipal Bonds Held in Trust (Cost - \$63,151) - 11.2% |
| | | Total Investments (Cost - \$888,191*) - 161.5% |
| | | Other Assets Less Liabilities - 1.0% |
| | | Liabilities for Trust Certificates, Including Interest Expense Payable - 1.0% |
| | | Preferred Stock, at Redemption Value - (57.1%) |
| | | Net Assets Applicable to Common Stock - 100.0% |

* The cost and unrealized appreciation (depreciation) of investments as

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of August 31, 2007, as computed for federal income tax purposes, were as follows:

| | | |
|-------------------------------|----|---------|
| Aggregate cost | \$ | 858,835 |
| | | ===== |
| Gross unrealized appreciation | \$ | 23,101 |
| Gross unrealized depreciation | | (5,630) |
| | | ----- |
| Net unrealized appreciation | \$ | 17,471 |
| | | ===== |

- (a) AMBAC Insured.
- (b) CIFG Insured.
- (c) FGIC Insured.
- (d) FHA Insured.
- (e) FHLMC Collateralized.
- (f) FNMA/GNMA Collateralized.
- (g) FSA Insured.
- (h) MBIA Insured.
- (i) Prerefunded.
- (j) Represents a pay-in-kind security which may pay interest/dividends in additional face/shares.
- (k) Security may have a maturity of more than one year at time of issuance, but has variable rate and demand features that qualify it as a short-term security. The rate disclosed is that currently in effect. This rate changes periodically based upon prevailing market rates.
- (l) Securities represent underlying bonds transferred to a separate securitization trust established in a tender option bond transaction in which the Fund may have acquired the residual interest certificates. These securities serve as collateral in a financing transaction.
- (m) XL Capital Insured.
- (n) Federal Housing Administration/Veterans' Administration Mortgages packaged by the Federal National Mortgage Association.

Item 2 - Controls and Procedures

- 2(a) - The registrant's principal executive and principal financial officers or persons performing similar functions have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act")) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities and Exchange Act of 1934, as amended.
- 2(b) - There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act)

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that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3 - Exhibits

Certifications - Attached hereto

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.

BlackRock Muni Intermediate Duration Fund, Inc.

By: /s/ Robert C. Doll, Jr.

Robert C. Doll, Jr.,
Chief Executive Officer (principal executive officer) of
BlackRock Muni Intermediate Duration Fund, Inc.

Date: October 22, 2007

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: /s/ Robert C. Doll, Jr.

Robert C. Doll, Jr.,
Chief Executive Officer (principal executive officer) of
BlackRock Muni Intermediate Duration Fund, Inc.

Date: October 22, 2007

By: /s/ Donald C. Burke

Donald C. Burke,
Chief Financial Officer (principal financial officer) of
BlackRock Muni Intermediate Duration Fund, Inc.

Date: October 22, 2007