
ENDNOTES

This section contains the endnotes for the Quarterly Report to Congress. They are listed numerically and consecutively within each section, both in the Report and in the following section.

Section 1: SIGIR Observations

¹U.S. citizen deaths in Iraq are compiled by DoS under Public Law 107-228 § 204(c). U.S. military personnel and government officials are excluded from these reports. The U.S. citizen deaths shown in Figure 1-1 are an approximate subset of the total DBA death claims.

Section 2: Uses of Funding: Status Reports by Sector

¹Projects in this sector are drawn from the Department of State *Section 2207 Report's* two sections on Security and Justice and Justice, Public Safety, and Civil Society, with the exception of Democracy, which is included in SIGIR's sector on democracy, education and private sector development. The SIGIR security and justice sector combines these two sectors, focusing on soldiers and police officers trained and fielded, facilities constructed, and support for security forces and ministerial capacity development initiatives. For information about the definitions of these and other sectors, see Appendix H.

²Department of State *Section 2207 Report*, April 2006, Appendix I, p. 1.

³Department of Defense, "Measuring Stability and Security in Iraq," February 17, 2006, p. 48.

⁴Speech by President George W. Bush, Foundation for the Defense of Democracies, March 13, 2006, p. 8.

⁵ Deleted

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^{6a} Vetting comments from DRSO to SIGIR, received on April 25, 2006.

⁷ Deleted

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⁹ GRD-PCO, "Facilities and Transportation Sector," received from GRD-PCO on March 24, 2006, p. 2.

¹⁰ GRD-PCO Bi-weekly Situation Report, April 4, 2006, p. 16.

¹¹ GRD-PCO Bi-weekly Situation Report, March 20, 2006, p. 20.

¹² GRD-PCO Bi-weekly Situation Report, April 4, 2006, p. 28.

¹³ GRD-PCO Bi-weekly Situation Report, March 20, 2006, pp. 14-15.

¹⁴ GRD-PCO Bi-weekly Situation Report, April 4, 2006, p. 28.

¹⁵ Department of State *Section 2207 Report*, April 2006, Appendix I, p. 23.

¹⁶ Department of State *Section 2207 Report*, April 2006, Appendix I, p. 13.

¹⁷ Department of State *Section 2207 Report*, April 2006, Appendix I, pp. 20-21.

¹⁸ Department of State *Section 2207 Report*, April 2006, Appendix I, pp. 29-30.

- ¹⁹ Department of State, "Iraq Weekly Status Report," April 5, 2006, p. 7.
- ²⁰ Vetting comments from DRSO to SIGIR, received on April 20, 2006.
- ²¹ Department of Defense, "Measuring Stability and Security in Iraq," February 17, 2006, p. 40.
- ²² Department of Defense, "Measuring Stability and Security in Iraq," July 2005, p. 13; According to DoD: "MNF-I has also implemented, in partnership with the Ministry of Defense, a program to embed Military Transition Teams at the battalion, brigade, and division level. These teams provide Transition Readiness Assessments (TRAs) to MNC-I identifying areas of progress and shortcomings, ultimately leading to those individual units being ready to assume independent control of their area of responsibility. These assessments take into account a variety of criteria similar to but not identical to what the U.S. Army uses to evaluate its units' operational readiness by focusing on personnel, command and control, training, sustainment/logistics, equipment, and leadership." Overall, operational units are assessed as capable of planning, executing, and sustaining counterinsurgency operations independent of coalition forces (Level 1); capable of planning, executing, and sustaining counterinsurgency operations with coalition enablers (Level 2); or capable of conducting counterinsurgency operations only when operating alongside Coalition units (Level 3); Level 1, 2, and 3 units are all engaged in operations against the enemy.
- ²³ Department of Defense, "Measuring Stability and Security in Iraq," February 17, 2006, p. 37.
- ²⁴ Department of State, "Iraq Weekly Status Report," March 15, 2006, p. 5.
- ²⁵ GRD-PCO Daily Situation Report, April 19, 2006, p. 7.
- ²⁶ Jeremy M. Sharp, "Iraq's New Security Force: The Challenge of Sectarian and Ethnic Influence," Congressional Research Service, January 12, 2006, pp. 1-2.
- ²⁷ Department of State, "Country Reports on Human Rights Practices – Iraq, 2005," March 8, 2006, pp. 4.
- ²⁸ Department of State, "Country Reports on Human Rights Practices – Iraq, 2005," March 8, 2006, p. 5.
- ²⁹ Department of State, "Country Reports on Human Rights Practices – Iraq, 2005," March 8, 2006, p. 10.
- ³⁰ Department of State, "Country Reports on Human Rights Practices – Iraq, 2005," March 8, 2006, p. 6.
- ³¹ Department of State *Section 2207 Report*, April 2006, Appendix 1, p. 2.
- ³² World Bank Economic and Social Development Unit for the Middle East Department, "Rebuilding Iraq: Economic Reform and Transition," February 2006, p. 20.
- ³³ GAO 06-428T, "Rebuilding Iraq – Stabilization, Reconstruction, and Financing Challenges: Statement of Joseph Christoff (Director, International Affairs and Trade)," February 8, 2006, p. 4.
- ³⁴ Annual Threat Assessment of the Director of National Intelligence for the Senate Select Committee on Intelligence, February 2, 2006, p. 8.
- ³⁵ Department of Defense, "Measuring Stability and Security in Iraq," February 17, 2006, p. 35.
- ³⁶ Department of Defense, "Measuring Stability and Security in Iraq," February 17, 2006, p. 48-49.
- ³⁷ Department of State *Section 2207 Report*, Appendix 1, p. 1.
- ³⁸ Department of State chart for SIGIR Oil Export Revenue Graphic.
- ³⁹ Deleted
- ⁴⁰ Department of Defense, "Measuring Stability and Security in Iraq," February 17, 2006, p. 44.

- ⁴¹ Department of State, “Iraq Weekly Status Report,” March 7, 2006, p. 6.
- ⁴² Department of Defense, “Measuring Stability and Security in Iraq,” February 17, 2006, p. 44.
- ⁴³ Department of State *Section 2207 Report*, April 2006, Appendix I, p. 3.
- ⁴⁴ Department of State *Section 2207 Report*, January 2006, Appendix I, p. 4.
- ⁴⁵ Department of Defense, “Measuring Stability and Security in Iraq,” February 17, 2006, p. 44.
- ⁴⁶ “On-the-Record Telephone Briefing with Ambassador Speckhard,” February 9, 2006, pp. 3-4.
- ⁴⁷ Department of Defense News Briefing with Major General Rick Lynch, April 13, 2006.
- ⁴⁸ Department of Defense, “Measuring Stability and Security in Iraq,” February 17, 2006, p. 28.
- ⁴⁹ Department of State, “Iraq Weekly Status Report,” March 7, 2006, p. 6.
- ⁵⁰ United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, p. vi.
- ⁵¹ White House Office of the Press Secretary, Press Release, December 15, 2003. Available online at <http://www.whitehouse.gov/news/releases/2003/12/20031215.html>
- ⁵² United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, p. 18.
- ⁵³ Emergency Supplemental Appropriations Act for Defense and for the Reconstruction of Iraq and Afghanistan, Public Law 108-106, November 6, 2003, 117 Stat. 1225.
- ⁵⁴ GRD-PCO, “Facilities and Transportation Sector,” received by SIGIR on March 24, 2006, p. 6.
- ⁵⁵ SIGIR, Audit 06-011: “Management of the Primary Healthcare Centers Construction Projects,” April 2006.
- ⁵⁶ Department of State, “Iraq Weekly Status Report,” March 22, 2006, p. 13.
- ⁵⁷ Vetting comments from GRD-PCO to SIGIR, received on April 21, 2006, and follow-up phone conversation with GRD-PCO on April 21, 2006.
- ⁵⁸ Department of State/USAID/GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ⁵⁹ Vetting comments from GRD-PCO to SIGIR, received on April 21, 2006.
- ⁶⁰ Department of State *Section 2207 Report*, Appendix I, April 2006, p. 93.
- ⁶¹ Deleted
- ⁶² GRD-PCO Daily Situation Report, April 11, 2006, p. 6.
- ⁶³ NEA/USAID/GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ⁶⁴ Vetting response from GRD-PCO to SIGIR data request, received on April 21, 2006.
- ⁶⁵ Deleted
- ⁶⁶ Deleted
- ⁶⁷ Deleted
- ⁶⁸ Deleted
- ⁶⁹ United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, p. 17.
- ⁷⁰ Economist Intelligence Unit, Country Profile 2005 – Iraq, pp. 30-31.
- ^{70a} United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, p. 17.
- ⁷¹ Deleted
- ⁷² NEA/USAID/GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ⁷³ GRD-PCO Biweekly Situation Report, March 17, 2006, pp. 13.
- ⁷⁴ Deleted
- ⁷⁵ NEA/USAID/GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ⁷⁶ Deleted
- ⁷⁷ Deleted

- ⁷⁸ NEA/USAID/GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ⁷⁹ USAID, Email to SIGIR, April 7, 2006.
- ⁸⁰ Department of State response to SIGIR data request, received on March 30, 2006.
- ⁸¹ Department of State response to SIGIR data request, received on March 30, 2006.
- ⁸² Economist Intelligence Unit, Country Profile 2005 – Iraq, pp. 29-30.
- ⁸³ CIA, World Factbook – Iraq, January 10, 2006.
- ⁸⁴ This report combines two subsectors of the Department of State (DoS) Section 2207 Report: Transportation and Communications; and Roads, Bridges, and Construction. For information about the definitions of these and other sectors, see Appendix H.
- ⁸⁵ Congressional Research Service, “Iraq’s Economy: Past, Present, Future,” Report RL 21944, June 3, 2003, p. 29.
- ⁸⁶ Transport was estimated to need \$2 billion; Telecommunication was estimated to need \$1.38 billion. United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, pp. 26, 28.
- ⁸⁷ Transportation and telecommunications was allocated \$500 million; Roads, Bridges, and Construction was allocated \$370 million (Emergency Supplemental Appropriations Act for Defense and for the Reconstruction of Iraq and Afghanistan, Public Law 108-106, November 6, 2003, 117 Stat. 1225).
- ⁸⁸ GRD-PCO, Email to SIGIR, April 10, 2006.
- ⁸⁹ USAID, Contract No. SPU-C-00-04-00001-00, awarded January 4, 2004. Available online at http://www.usaid.gov/iraq/contracts/pdf/Bechtel_II.pdf
- ⁹⁰ Deleted
- ⁹¹ Deleted
- ⁹² Deleted
- ⁹³ GRD-PCO, “Facilities and Transportation Sector,” received by SIGIR on March 24, 2006, pp. 7-8, 10.
- ⁹⁴ GRD-PCO, “Response to SIGIR request dated February 25, 2006,” received by SIGIR on March 29, 2006, p. 9.
- ⁹⁵ United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, p. 25.
- ⁹⁶ Deleted
- ⁹⁷ Economist Intelligence Unit, Country Profile 2005 – Iraq, 2005, p. 34.
- ⁹⁸ Department of State *Section 2207 Report*, January 2006, pp. 81-82.
- ⁹⁹ GRD-PCO, Email to SIGIR, April 10, 2006.
- ¹⁰⁰ Department of State *Section 2207 Report*, Appendix I, January 2006, p. 83.
- ¹⁰¹ Department of State *Section 2207 Report*, Appendix I, January 2006, pp. 81-82.
- ¹⁰² GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ¹⁰³ Deleted
- ¹⁰⁴ IRMO, Weekly Status report, March 28, 2006, p. 4.
- ¹⁰⁵ United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, p. 23.
- ¹⁰⁶ Department of State *Section 2207 Report*, Appendix I, January 2006, p. 82.
- ^{106a} Department of State *Section 2207 Report*, Appendix I, January 2006, p. 83.
- ¹⁰⁷ IRMO, Information Memorandum from Acting IRMO Director to Deputy Chief of Mission, April 19, 2006.

- ¹⁰⁸ Department of State *Section 2207 Report*, Appendix I, January 2006, p. 83.
- ¹⁰⁹ GRD-PCO, “Response to SIGIR request dated February 25, 2006,” received by SIGIR on March 29, 2006, p. 10.
- ¹¹⁰ IRMO, Information Memorandum from Acting IRMO Director to Deputy Chief of Mission, April 19, 2006.
- ¹¹¹ IRMO, Weekly Status Report, March 14, 2006, p. 5.
- ¹¹² United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, pp. 23-24.
- ¹¹³ IRMO, Information Memorandum from Acting IRMO Director to Deputy Chief of Mission, April 19, 2006.
- ¹¹⁴ Department of State, Email to SIGIR, April 6, 2006.
- ¹¹⁵ IRMO, Information Memorandum from Acting IRMO Director to Deputy Chief of Mission, April 19, 2006.
- ¹¹⁶ Congressional Research Service, “Iraq’s Economy: Past, Present, Future,” Report RL 21944, June 3, 2003, p. 30.
- ¹¹⁷ United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, pp. 23-24.
- ¹¹⁸ Deleted
- ¹¹⁹ Economist Intelligence Unit, Country Profile 2005 – Iraq, 2005, p. 33.
- ¹²⁰ GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ¹²¹ Department of State *Section 2207 Report*, Appendix I, January 2006, pp. 80-81.
- ¹²² Department of State, Email to SIGIR, April 6, 2006.
- ¹²³ United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, pp. 23-24.
- ¹²⁴ Economist Intelligence Unit, Country Profile 2005 – Iraq, 2005, p. 33.
- ¹²⁵ IRMO, Information Memorandum from Acting IRMO Director to Deputy Chief of Mission, April 19, 2006.
- ¹²⁶ Deleted
- ¹²⁷ IRMO, Weekly Status Report, March 28, 2006, p. 4.
- ¹²⁸ United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, p. 23.
- ¹²⁹ Congressional Research Service, “Iraq’s Economy: Past, Present, Future,” Report RL 21944, June 3, 2003, p. 38.
- ¹³⁰ United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, p. 23.
- ¹³¹ Economist Intelligence Unit, Country Profile 2005 – Iraq, 2005, p. 33.
- ¹³² Deleted
- ¹³³ Deleted
- ¹³⁴ GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ¹³⁵ GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ¹³⁶ GRD-PCO, “Facilities and Transportation Sector,” received by SIGIR on March 24, 2006, p. 8.
- ¹³⁷ GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ¹³⁸ Department of State *Section 2207 Report*, Appendix I, April 2006, p. 85.
- ¹³⁹ GRD-PCO response to SIGIR data request, received on March 29, 2006.
- ¹⁴⁰ Department of State *Section 2207 Report*, Appendix I, April 2006, p. 86.
- ¹⁴¹ IRMO, Information Memorandum from Acting IRMO Director to Deputy Chief of Mission, April 19, 2006.
- ¹⁴² Department of State, Iraq Weekly Status Report, March 15, 2006, p. 15; Department of State

- Section 2207 Report*, Appendix I, January 2006, p. 85; Department of State *Section 2207 Report*, Appendix I, April 2006, p. 87.
- ¹⁴³ Department of State *Section 2207 Report*, Appendix I, January 2006, pp. 86-87.
- ¹⁴⁴ Congressional Research Service, "Iraq's Economy: Past, Present, Future," Report RL 21944, June 3, 2003, p. 30, p. 38.
- ¹⁴⁵ USAID, Completed Projects: Telecommunications, December 29, 2005. Available online at <http://www1.usaid.gov/iraq/accomplishments/telecom.html>
- ¹⁴⁶ Department of State *Section 2207 Report*, Appendix I, April 2006, p. 87.
- ¹⁴⁷ Vetting comments from Department of State/USAID/GRD-PCO to SIGIR, April 21, 2006.
- ¹⁴⁸ Economist Intelligence Unit, Country Profile 2005 – Iraq, 2005, pp. 34-35.
- ¹⁴⁹ Department of State *Section 2207 Report*, Executive Summary, January 2005, p. 6.
- ¹⁵⁰ Office of Management and Budget *Section 2207 Report*, January 2004, p. 78.
- ¹⁵¹ Economist Intelligence Unit, Country Profile 2005 – Iraq, 2005, p. 35.
- ¹⁵² IRMO, Weekly Status Report, March 14, 2006, p. 20.
- ¹⁵³ Department of State, Email to SIGIR, April 6, 2006.
- ¹⁵⁴ SIGIR has begun to analyze the progress of important services and governance work in Iraq. SIGIR has designated the democracy, education, and private sector development sector for analyzing work in these DoS *Section 2207 Report* sectors: private sector development; education, refugees, human rights, and governance; democracy; and education construction projects in roads, bridges, and construction. For information about the definitions of these and other sectors, see Appendix H.
- ¹⁵⁵ Education was estimated to need \$4.8 billion; employment creation was estimated to need \$785 million; finance and private sector development was estimated to need \$777 million; and government institutions, rule of law, civil society, and media were estimated to need \$387 million (United Nations/World Bank, "Joint Iraq Needs Assessment," October 2003, pp. 16, 20, 40, 42, 43, 50).
- ¹⁵⁶ Emergency Supplemental Appropriations Act for Defense and for the Reconstruction of Iraq and Afghanistan, Public Law 108-106, November 6, 2003, 117 Stat. 1225.
- ¹⁵⁷ Department of State *Section 2207 Report*, Appendix I, January 2006, p. 38; according to USAID, \$30 million of this funding increase went to USAID (PRT/PC) Local Government Support and Community Support Programs, while the other \$8.5 million went to DoS election support initiatives.
- ¹⁵⁸ Congressional Research Service, "Iraq: U.S. Regime Change Efforts and Post-Saddam Governance," July 5, 2005, p. 22.
- ¹⁵⁹ Deleted
- ¹⁶⁰ Deleted
- ¹⁶¹ Department of State *Section 2207 Report*, Appendix I, January 2006, p. 39.
- ¹⁶² Deleted
- ¹⁶³ USAID, Contracts and Grants, updated on September 21, 2005. Available online at <http://www1.usaid.gov/iraq/contracts/>
- ¹⁶⁴ Department of State *Section 2207 Report*, Appendix I, January 2006, p. 45.
- ¹⁶⁵ Deleted
- ¹⁶⁶ Deleted
- ¹⁶⁷ Department of State, Press Briefing, April 13, 2006.

- ¹⁶⁸ USAID response to SIGIR data request, received on March 15, 2006.
- ¹⁶⁹ USAID, Accomplishments Fact Sheet, no date. Available online at <http://www.usaid.gov/iraq/accomplishments/>; USAID response to SIGIR data request, received on March 15, 2006.
- ¹⁷⁰ Department of State *Section 2207 Report*, Appendix I, April 2006, p. 42.
- ¹⁷¹ Deleted
- ¹⁷² Department of State, “Iraq Weekly Status Report,” March 22, 2006, p. 8.
- ¹⁷³ USAID response to SIGIR data request, received on March 15, 2006.
- ¹⁷⁴ USAID response to SIGIR data request, received on March 15, 2006.
- ¹⁷⁵ Department of State, “Iraq Weekly Status Report,” March 1, 2006, p. 14.
- ¹⁷⁶ Department of State, “Iraq Weekly Status Report,” March 22, 2006, p. 14.
- ¹⁷⁷ Department of State, “Iraq Weekly Status Report,” March 8, 2006, p. 14.
- ¹⁷⁸ Deleted
- ¹⁷⁹ Deleted
- ¹⁸⁰ USAID, Contracts and Grants, updated on September 21, 2005. Available online at <http://www1.usaid.gov/iraq/contracts/>
- ¹⁸¹ Department of State, “Iraq Weekly Status Report,” March 1, 2006, p. 14.
- ¹⁸² United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, p. 14.
- ¹⁸³ United Nations/World Bank, “Joint Iraq Needs Assessment,” October 2003, pp. 1-4, 14.
- ¹⁸⁴ GRD-PCO response SIGIR data request, received on dated March 29, 2006, p. 6.
- ¹⁸⁵ USAID, “Vision for Post-Conflict Iraq,” February 19, 2003, p. 11.
- ¹⁸⁶ Department of State, *Section 2207 Report*, Executive Summary, April 2006, p. 18.
- ¹⁸⁷ USAID response to SIGIR data request, received on April 19, 2006; out of the 2,943 schools completed by USAID, 2,358 of these used IRRF 1-funding, while the remaining 585 schools used IRRF-2 funds. This final tally of USAID projects differs from that reached by the April Section 2207 Report, which reported that USAID had completed 3,000 schools with IRRF-funding. This discrepancy was not resolved at the time of publication.
- ¹⁸⁸ Department of State *Section 2207 Report*, Appendix I, April 2006, p. 18.
- ¹⁸⁹ USAID, “Weekly Status Report,” March 17, 2006, p.8.
- ¹⁹⁰ Department of State *Section 2207 Report*, Appendix I, January 2006, pp. 104-105.
- ¹⁹¹ Deleted
- ¹⁹² Department of State *Section 2207 Report*, Appendix I, January 2006, pp. 110-111.
- ¹⁹³ USAID, Contracts and Grants, updated on September 21, 2005. Available online at <http://www1.usaid.gov/iraq/contracts/>
- ¹⁹⁴ Department of Treasury Office of Inspector General, Audit Report 06-029, “International Assistance Programs: Review of Treasury Activities for Iraq Reconstruction,” March 23, 2006.
- ¹⁹⁵ Department of State *Section 2207 Report*, Appendix I, January 2006, p. 110.
- ¹⁹⁶ USAID, Contracts and Grants, updated on September 21, 2005. Available online at <http://www1.usaid.gov/iraq/contracts/>
- ¹⁹⁷ IRMO, Information Memorandum from Acting IRMO Director to Deputy Chief of Mission, April 19, 2006.
- ¹⁹⁸ Department of State *Section 2207 Report*, Appendix I, January 2006, pp. 99-102.
- ¹⁹⁹ Deleted
- ²⁰⁰ Department of State, *Section 2207 Report*, Appendix I, January 2006, p. 95.

- ²⁰¹ Deleted
- ²⁰² Department of State, *Section 2207 Report*, Appendix I, April 2006, p. 98.
- ²⁰³ USAID, "Iraq Reconstruction: A brief overview," September 14, 2005. Available online at <http://www2.usaid.gov/iraq/accomplishments/>
- ²⁰⁴ Department of State, *Section 2207 Report*, Appendix I, April 2006, p. 103.
- ²⁰⁵ GRD-PCO notes that this rate will change because the number of projects may increase as the projects are defined and tasked (Vetting comments from GRD-PCO, received on April 20, 2006).
- ²⁰⁶ According to GRD-PCO, 96 GRD-PCO projects have yet to start (Vetting comments from GRD-PCO, received on April 20, 2006). GRD-PCO says that the number of projects in the sector increases as they are defined and tasked. SIGIR data comes from the IRMO Rollup file on IRMS, March 31, 2006, which includes GRD-PCO data.
- ²⁰⁷ Vetting comments from GRD-PCO, received on April 20, 2006.
- ²⁰⁸ Vetting comments from GRD-PCO, received on April 20, 2006. GRD-PCO notes that this does not include the Ambassador's deferred and reinstated projects and projects currently funded from FFP cost savings.
- ²⁰⁹ USACE-GRD, "Reconstruction Continues in Iraq," October 2, 2005.
- ²¹⁰ USACE-GRD, "Bi-Weekly Situation Report," March 3, 2006, p. 42; USACE-GRD, "Daily Situation Report," January 8, 2006, pp. 1 and 3.
- ²¹¹ GRD-PCO, Email to SIGIR, April 10, 2006.
- ²¹² Vetting comments from GRD-PCO, received on April 20, 2006.
- ²¹³ USACE-GRD, "Bi-Weekly Situation Report," February 20, 2006.
- ²¹⁴ GRD-PCO, Email to SIGIR, April 10, 2006.
- ²¹⁵ GRD-PCO, Email to SIGIR, April 10, 2006.
- ²¹⁶ Department of State, "Iraq Weekly Status Report," March 30, 2005, p. 13.
- ²¹⁷ IRMO, "Weekly Status Report," March 28, 2006, p. 2.
- ²¹⁸ Department of State, "Iraq Weekly Status Report," March 29, 2006, p. 12.
- ²¹⁹ Department of State *Section 2207 Report*, Appendix I, April 2006, pp. 53-54.
- ²²⁰ Deleted
- ²²¹ IRMO, "Weekly Status Report," March 28, 2006, p. 2.
- ^{221a} Vetting comments from Department of State, received on April 21, 2006.
- ²²² World Bank, "Rebuilding Iraq: Economic Reform and Transition," February 2006, p. 7.
- ²²³ IEEE Spectrum, "Re-Engineering Iraq," February 2006, p. 3.
- ²²⁴ World Bank, "Rebuilding Iraq: Economic Reform and Transition," February 2006, p. 7.
- ²²⁵ IEEE Spectrum, "Re-Engineering Iraq," February 2006, p. 3.
- ²²⁶ Defense Reconstruction Support Office, "Summary and Technical Report Iraqi Electricity Sector," April 22, 2005, p. 35.
- ²²⁷ Defense Reconstruction Support Office, "Summary and Technical Report Iraqi Electricity Sector," April 22, 2005, p. 7.
- ²²⁸ Joint U.S.-Iraqi electricity Action Plan, March 12, 2006, p. 8.
- ²²⁹ Joint U.S.-Iraqi electricity Action Plan, March 12, 2006, p. 8.
- ²³⁰ GRD-PCO, Email to SIGIR, April 10, 2006.
- ²³¹ Vetting comments from GRD-PCO, received on April 20, 2006.

- ²³² Department of State *Section 2207 Report*, Appendix I, January 2006, p. 66.
- ²³³ Department of State, “Iraq Weekly Status Report,” February 22, 2006 and March 1, 2006 reports.
- ²³⁴ USACE-GRD, “Bi-Weekly Situation Report,” April 3, 2006, p. 9 for EP information; Iraq Reconstruction Management System (IRMS) as of March 31, 2006 for EPC information. PCO reports one descoped EPC project, bringing their tally down to 59. This information, however, was not updated in the IRMS database.
- ²³⁵ GRD-PCO response to SIGIR data request on April 12, 2006.
- ²³⁶ GRD-PCO, “Bi-Weekly Situation Report,” March 20, 2006, p. 8.
- ²³⁷ Vetting comments from GRD-PCO, received on April 20, 2006; last quarter, PCO reported to SIGIR that the ABOT task order was 31% complete. A drop to 30% after the contractor undertook a Value Engineering exercise and several projects underwent scope changes to remain within schedule and budget.
- ²³⁸ GRD-PCO, “Bi-Weekly Situation Report,” March 6, 2006, p. 9.
- ²³⁹ GRD-PCO response to SIGIR data call on April 10, 2006.
- ²⁴⁰ GRD-PCO, “Bi-Weekly Situation Report,” April 3, 2006, p. 10.
- ²⁴¹ IRMO, “Weekly Status Report,” March 28, 2006, p. 7.
- ²⁴² GRD-PCO response on March 19, 2006 to SIGIR data request of February 25, 2006, attachment 4a, pp. 1-3; the ABOT metering system was initially assessed in the GRD-PCO response to SIGIR’s data call as being 47% complete, but was later labeled 29.9% complete because of reassessments of scope and weightings, according to an April 10, 2006 PCO response to a SIGIR data call.
- ²⁴³ Vetting comments from GRD-PCO, received on April 20, 2006.
- ²⁴⁴ GRD-PCO, “Bi-Weekly Situation Report,” April 3, 2006, p. 11.
- ²⁴⁵ Deleted
- ²⁴⁶ Department of State *Section 2207 Report*, Appendix I, January 2006, p. 66.
- ²⁴⁷ GRD-PCO, “The Oil Story of Iraq,” March 2006, p. 17.
- ²⁴⁸ Deleted
- ²⁴⁹ Deleted
- ²⁵⁰ GRD-PCO response on March 19, 2006 to SIGIR data request of February 25, 2006, attachment 4a, pp. 1-3.
- ²⁵¹ Department of State *Section 2207 Report*, April 2006, Appendix 1, p. 67.
- ²⁵² GRD-PCO, “The Oil Story of Iraq,” March 2006, p. 18.
- ²⁵³ Deleted
- ²⁵⁴ GRD-PCO, “Oil Sector Consolidated Results Update Meeting (SCRUM),” April 6, 2006, p. 16.
- ²⁵⁵ Vetting comments from GRD-PCO, received on April 20, 2006.
- ²⁵⁶ GRD-PCO, “The Oil Story of Iraq,” March 2006, p. 21.
- ²⁵⁷ GRD-PCO, “Bi-Weekly Situation Report,” March 20, 2006, p. 9.
- ²⁵⁸ GRD-PCO response on March 19, 2006, to SIGIR data request of February 25, 2006, pp. 8-10.
- ²⁵⁹ The DoE Country Analysis Brief (CAB) indicates the range for the pre-war production metric is between 2.5 and 2.6 million BPD (p. 3). From 1999 to 2001, production averaged 2.5 million BPD. It fell to 2.0 million BPD in 2002, but slowly crept back up toward 2.5 million BPD before the war, peaking at 2.58 million BPD.

- ²⁶⁰ Deleted
- ²⁶¹ International Monetary Fund, “Iraq: Request for Stand-By Arrangement—Staff Report; Staff Supplement; Press Release on the Executive Board Discussion; and Statement by the Executive Director for Iraq,” January 2006, p. 3.
- ²⁶² IRMO data reported by SIGIR auditing team.
- ²⁶³ DOS-NEA response to SIGIR data request on April 21, 2006.
- ²⁶⁴ Deleted
- ²⁶⁵ DOS-NEA response to SIGIR data request on April 21, 2006.
- ²⁶⁶ IRMO data reported by SIGIR auditing team.
- ²⁶⁷ Deleted
- ²⁶⁸ Department of State, “Iraq Weekly Status Report,” March 15, 2006, p. 21.
- ²⁶⁹ According to a SIGIR interview conducted with a U.S. government oil expert, bad weather in the Persian Gulf affects the use of tugboats at ABOT. The Ministry of Transportation owns 6 tugboats and they are based at Umm Qasr, which is about an 8-hour trip from ABOT. During bad weather, the Ministry of Transportation keeps the tugboats docked, making them unavailable to service cargo ships at ABOT waiting to load crude for export. The tankers cannot berth to receive the cargo and, in conjunction with mandatory inspections for all ships in the 3,000 mile exclusion zone, result in significant delays that force southern to shut in production because of low storage capacity on shore. The delays also result in demurrage compensation for shippers waiting to pick up cargo at ABOT. The Ministry of Oil is currently in the process of procuring its own tugboats.
- ²⁷⁰ International Monetary Fund, “Iraq: Request for Stand-By Arrangement—Staff Report; Staff Supplement; Press Release on the Executive Board Discussion; and Statement by the Executive Director for Iraq,” January 2006, p. 10; In the IMF Arrangement with Iraq, Iraqi budget projections estimate that 1.65 MBPD will be exported at a cost of \$46.60 per barrel.
- ²⁷¹ IRMO, “Weekly Status Report,” April 11, 2006, p. 10.
- ²⁷² Deleted
- ²⁷³ Department of State *Section 2207 Report*, Appendix I, April 2006, p. 67.
- ²⁷⁴ Deleted
- ²⁷⁵ Department of State *Section 2207 Report*, Appendix I, January 2006, p. 65; DoS hours of power graphic.
- ²⁷⁶ Deleted
- ²⁷⁷ Energy Intelligence Group, “Three Years Later, Iraq’s Oil Sector Remains in Crisis,” *Petroleum Intelligence Weekly*, March 27, 2006.
- ²⁷⁸ World Bank, “Rebuilding Iraq: Economic Reform and Transition,” February 2006, p. 16.
- ²⁷⁹ World Bank, “Rebuilding Iraq: Economic Reform and Transition,” February 2006, p. 7.
- ²⁸⁰ Department of State, “Iraq Weekly Status Report,” March 7, 2006, p. 6.
- ²⁸¹ “Energy Sector Action Plan Summer Targets – Electricity and Oil,” March 12, 2006, p. 21.
- ²⁸² Department of State *Section 2207 Report*, Appendix I, April 2006, pp. 67-68.
- ²⁸³ World Bank, “Rebuilding Iraq: Economic Reform and Transition,” February 2006, p. 7.
- ²⁸⁴ IRMO, “Oil and Natural Gas End State Goals,” May 21, 2005, p. 6.
- ²⁸⁵ Department of State, “Iraq Weekly Status Report,” March 21, 2006, p. 10.

- ²⁸⁶ Deleted
- ²⁸⁷ “Embassy Anti-Corruption Strategy,” December 28, 2005, p. 2.
- ²⁸⁸ “Embassy Anti-Corruption Strategy,” December 28, 2005, p. 1.
- ²⁸⁹ Kenneth Pollack and the Iraqi Policy Working Group, “A Switch in Time: A New Strategy for America in Iraq,” Saban Center for Middle East Policy at the Brookings Institution, February 2006, p. 54.
- ²⁹⁰ “On-the-Record Telephone Briefing with Ambassador Speckhard,” February 9, 2006, p. 10.
- ²⁹¹ “Embassy Anti-Corruption Strategy,” December 28, 2005, p. 2.
- ²⁹² Deleted
- ²⁹³ Deleted
- ²⁹⁴ Deleted
- ²⁹⁵ Vetting comments from GRD-PCO, received on April 20, 2006.
- ²⁹⁶ USAID response to SIGIR data request, received on March 24, 2006.
- ²⁹⁷ Also referred to as Erbil Ifraz Water Supply Project.
- ²⁹⁸ USACE-GRD, “Bi-Weekly Situation Report,” February 20, 2006, p. 11.
- ²⁹⁹ USACE-GRD, “Bi-Weekly Situation Report,” March 17, 2006, p. 12; USACE-GRD, “Bi-Weekly Situation Report,” April 1, 2006, p. 14.
- ³⁰⁰ USACE-GRD, “Bi-Weekly Situation Report,” April 1, 2006, p. 14.
- ³⁰¹ USACE-GRD, “Bi-Weekly Situation Report,” February 20, 2006, p. 10.
- ³⁰² IRMO, Information Memorandum from Acting IRMO Director to Deputy Chief of Mission, April 19, 2006.
- ³⁰³ Vetting comments from GRD-PCO, received on April 20, 2006.
- ³⁰⁴ USACE-GRD, “Bi-Weekly Situation Report,” March 17, 2006, p. 12.
- ³⁰⁵ GRD-PCO response to SIGIR data request, received on March 24, 2006.
- ³⁰⁶ Vetting comments from GRD-PCO, received on April 20, 2006.
- ³⁰⁷ USAID response to SIGIR data request, received on March 24, 2006.
- ³⁰⁸ GRD-PCO, Responses to Questions from SIGIR, March 19, 2006, p. 3.
- ³⁰⁹ USAID, “Strategy For Water And Land Resources In Iraq: Inception Report,” December 2005, p. 1.
- ³¹⁰ Deleted
- ³¹¹ Some U.S. projects in the water sector do not directly add capacity to the water or sanitary system. Projects like expansion of distribution networks or rehabilitation of storage tanks are not captured in this metric. (IRMO, “Metrics – Measuring the Impacts of Reconstruction Efforts,” December 2005, p. 2)
- ³¹² Deleted
- ³¹³ Department of State response to SIGIR data request, received on March 24, 2006, p. 6.
- ³¹⁴ UN/World Bank, “Joint Needs Assessment,” October 2003, p. 21.
- ³¹⁵ Department of Defense, “Iraq Weekly Status Report,” November 17, 2003, p. 11.
- ³¹⁶ GAO estimated that by 2003 the production level of water was 60% in urban areas and 50% in rural areas—enough to serve 14 million people. GAO noted that much of the water was lost because of leakage and contamination (GAO 05-872, “Rebuilding Iraq: U.S. Water Efforts Need Improved Measures for Assessing Impact and Sustained Resources for Maintaining Facilities,” September 2005, p. 5.) GRD-PCO cited these same figures in a sector history of the

water sector (GRD-PCO, “History of the Water Sector,” received on January 13, 2006). USAID estimated that 50% of the population was served by water treatment plants (USAID, Vision for Post-Conflict Iraq, February 2003, p. 3). The UN and World Bank estimated that pre-war water levels declined in some governorates by as much as 50% since 2000. In 2000 roughly 19 million people had access to water; 9.5 million people had access under the worst-case scenario of all governorates decreasing by 50% (UN/World Bank, “Joint Needs Assessment,” October 2003, p. 21). The U.S. Embassy in Iraq reported a pre-war level of 5.5 million people, which appears to be an outlier from the other figures (Department of State, “Reconstruction Progress in Iraq,” November 30, 2005).

³¹⁷ GRD-PCO, Email to SIGIR, April 10, 2006.

³¹⁸ USAID response to SIGIR data request, received on March 24, 2006.

³¹⁹ GRD-PCO response to SIGIR data request, received on March 24, 2006.

³²⁰ GRD-PCO, Email to SIGIR, April 10, 2006.

³²¹ Vetting comments from GRD-PCO, received on April 20, 2006.

³²² USAID response to SIGIR data request, received on March 24, 2006.

³²³ Deleted

³²⁴ GRD-PCO, Email to SIGIR, April 10, 2006.

³²⁵ Department of State, Iraq Weekly Status, January 4, 2006, and March 29, 2006.

³²⁶ Government disbursements are funds that have left government treasuries. Assistance channeled through organizations such as the IRFFI trust funds and NGOs will take additional time to be disbursed in Iraq. Although the pace of disbursement has the potential to increase as more donors establish their implementation mechanisms, actual disbursements will depend on Iraq’s stability.

^{326a} Embassy of Japan, Economic Section Email.

^{326b} Available online at <http://www.dfid.gov.uk/>

^{326c} Available online at <http://www.aedi-eida.gc.ca/iraq>

^{326d} Available online at <http://www.usaid.gov.au>

^{326e} European Commission Delegation and Baghdad Email

^{326f} Available online at <http://www.irffi.org>

^{326g} Department of State 2207 Report, Appendix II

^{326h} SIGIR interview with Department of State NEA-I

³²⁷ A concessional loan is provided to poor countries, lending at interest rates below the market and with an extended grace period. These loans are also known as soft loans.

Section 3: SIGIR Oversight

¹ Section 2207 of P.L. 108-106 requires a report from the Office of Management and Budget to Congress every three months that updates the proposed uses of all IRRF funds on a project-by-project basis, including estimates of the cost required to complete each project.

² Effective December 4, 2005, PCO was merged with the U.S. Army Corps of Engineers, Gulf Region Division (GRD), to form GRD-PCO.

³ Effective December 4, 2005, PCO was merged with the U.S. Army Corps of Engineers, Gulf

- Region Division, to form GRD-PCO.
- ⁴ Army organizations have an alpha/numeric designator that identifies their various command functions (for example, G-2 = Intelligence, G-4 = Logistics). The Communications and Information Technology function is identified by G-6.
- ⁵ Three of the six recommendations were made to the U.S. Ambassador to Iraq and the Commander, Multi-National Forces-Iraq.
- ⁶ When the draft of this report was published, a modification to this contract extended it for a short period to address an expanded statement of work. This included automating the contract file documentation. The extension also addressed excusable delays as a result of Iraqi government holidays.
- ⁷ GRD-PCO Management of the Transfer of IRRF-funded Assets to the Iraqi Government, SIGIR-05-028 (January 24, 2006).
- ⁸ GRD-PCO Management of the Transfer of IRRF-funded Assets to the Iraqi Government, SIGIR-05-028 (January 24, 2006).
- ⁹ SIGIR estimated that the amount of definitized cost of task order 7 associated with the PHC projects is 64 percent or \$70,400,000. IR estimated that the amount of definitized cost of task order 7 associated with the PHC projects is 64 percent or \$70,400,000.
- ¹⁰ SIGIR-05-027, "Methodologies for Reporting Cost-to-Complete Estimates," January 27, 2006.
- ¹¹ In addition to 49 Primary Health Care Centers under Task Order 0011, the Primary Health Care Center contract included Task Orders 0004 and 0012, which authorized the construction of 41 Primary Health Care Centers in the central region of Iraq and 60 Primary Health Care Centers in the southern region of Iraq, respectively. Therefore, the total number of Primary Health Care Centers originally to be completed under Contract W914NS-04-D-0006 was to be 150. The task orders were subsequently modified to provide for only 141 Primary Health Care Centers.
- ¹² Honeycombing refers to the voids left in the concrete because of the failure of the mortar to effectively fill the spaces among coarse aggregate particles (American Concrete Institute).
- ¹³ ACWG Members Source: Strategic Effects Liaison Officer, MNF-I

Section 4: Other Agency Oversight

- ¹IIGC members: SIGIR (Chair), DoS IG (Co-Vice Chair), DoD IG (Co-Vice Chair), Army IG, USAID IG, Treasury IG, DoC IG, DCAA, USAAA, GAO (observer member), USACE Chief Audit Executive (observer member)

Appendix I: Financial Impact of SIGIR Operations

- ¹Numbers are provided in aggregate. Individual tracking is done on a case level and maintained by SIGIR AIG for Investigations.