

# Military Spending and Arms Sales in the Gulf

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## *How the Arab Gulf States Now Dominate the Changes in the Military Balance*

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### *Request for comments:*

This report is a draft that will be turned into an electronic book. Comments and suggested changes would be greatly appreciated. Please send any comments to Anthony H. Cordesman, Arleigh A. Burke Chair in Strategy, at [acordesman@gmail.com](mailto:acordesman@gmail.com).

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## ***I. Introduction***

The debate over the potential nuclear arms treaty between the P5+1 and Iran only addresses one aspect of the strategic competition between Iran, its neighbors, the US and key European powers like Britain and France. The Gulf region is also the scene of a major arms race in conventional forces, asymmetric forces, and conventionally armed ballistic missiles and artillery rockets. At the same time, Iran is using arms transfer to non-state actors like the Hezbollah in Lebanon, pro-Assad forces in Syria, Hamas and the PIJ in Gaza, and the Houthi in Yemen to expand its strategic influence while Saudi Arabia, the UAE, Kuwait, and Qatar are using arms transfer both to counter Iran and support various opponents of the Islamic State and Al Qaida.

So far the trends in arms sales and the total national military expenditures that underpin them sharply favor the Arab Gulf states. Ever since the fall of the Shah, Iran has been unable to compete in acquiring more arms because of sanctions, the politics of arms sales, and its lack of surplus capital. While it has strengthened its own military industrial sector, and often been both effective and creative in modernizing its weapons and keeping them operational over time, the end result has still been sharply limited. Iran lacks the resources, industrial base, and scale of effort to compete with Arab Gulf states that can generally buy the most advanced weapons available.

This report compares both the relative scale of military spending in the Gulf region and the data available on regional arms transfers. As is noted in this report, these data often have sharp limitations. The US State Department and Congressional Research Service no longer issue declassified estimates of military spending and arms transfers, and NGOs like the International Institute of Strategic Studies (IISS) and the Stockholm International Peace Research Institute (SIPRI) can only do so much using unclassified sources and with the staff effort practical for NGOs. The UN Register of Conventional Arms has partial coverage at best, and its database is designed for official use, rather than open analysis.

Nevertheless, enough past declassified data, and data from key NGOs like the IISS and SIPRI is available to provide considerable insight into the level of effort given Gulf countries can afford, and the broad trends in arms transfers. These data make a conclusive case that the Arab Gulf states have had an overwhelming advantage of Iran in both military spending and access to modern arms. The relative patterns in military spending ratios in military spending show that Saudi Arabia alone has spent at least four times as much on its military forces as Iran and that the GCC has spent 6 to 7 times as much.

As might be expected, the combination of sanctions, political limits, and smaller resources has been far more favorable to the Arab Gulf states than Iran in terms of arms transfers.

The data that the US, IISS, and SIPRI provide on actual weapons transfers by type have many gaps and uncertainties, but still reinforce these conclusions. The Arab Gulf states have acquired and are acquiring some of the most advanced and effective weapons in the world. Iran has essentially been forced to live in the past, often relying on systems originally delivered at the time of the Shah, or lower grade imports, many of which reflect the technologies of the 1960s to 1980s.

One key issue that has yet to be addressed is how far Russia will now go in providing advanced arms like the S-300 to Iran and how states like China will treat future arms transfers if the P5+1 and Iran do reach a final agreement on nuclear arms and UN sanctions on arms transfers are modified or lifted.

Another key issue is the complex mix of tradeoffs involved in the fact that in spite of the rhetoric issued by the GCC, the Arab Gulf states have done so little to ensure full interoperability, common training, common tactics, and the creation of integrated and common facilities. These problems are matched to some extent by differences between Iran's regular military services and its Revolutionary Guards and a high level of corruption, overambitious project starts, and inefficiency within Iran's defense-industrial complex, but there is no way to make a meaningful comparative assessment of the problems in Iran's efforts or those of the Arab Gulf states.

## ***II. Military Expenditures***

There are many different ways to measure the size and capability of military forces and the amount of money a given military power spends on security is one key indicator of strength. It provides a rough measure of total military capability, and, when compared with other expenditures, demonstrates the value its government places on its security. In the case of the Gulf both total national security expenditures and arms transfer data are key indicators, although Iran is seeking to create a significant national defense industrial base.

There are no reliable comparative estimates of international military and security expenditures. NATO comes close in trying to make fully comparable estimates using a standard definition, but some NATO members still do not comply and nations outside NATO use very different definitions of what to include, sometimes deliberately misstate their spending, and either fail to properly report their full procurement spending or use special pricing for the state-driven expenditures in their national security sector. UN reporting is erratic at best, and no meaningful official source of comparable data has existed since the US government ceased to provide declassified estimates after it cancelled its World Military Expenditures and Arms Transfers (WMEAT) report.

Most of the expenditure data now from NGOs available focus on expenditures in national military budgets, rather than include matching data on internal security expenditures – although some countries do include extensive paramilitary forces in such budgets. This failure to provide full estimates of national security spending has become steadily more important as nations increase spending on counter-terrorism and other internal security spending.

### **The International Institute of Strategic Studies (IISS) Estimates**

There are two major NGOs that do, however, provide broadly useful estimates of military expenditures, however, and whose data provide at least a rough indication of the trends in spending on both conventional and asymmetric military forces in the Gulf. The first is the International Institute of Strategic Studies (IISS),

- **Figure II.1** compares the IISS estimates of military expenditures of each GCC member during 1997-2012, along with those of Iraq, Yemen, and Iran.
- **Figure II.2** shows how the IISS estimates of total military expenditures of the GCC contrast to those of Iran. It is clear that the GCC, as a whole, spends far more than Iran on its military. Furthermore, Saudi Arabia alone spent about 5.5 times more than Iran on its military and the United Arab Emirates spent almost twice as much as Iran during this period. And, as a whole, the GCC combined spent just over 9 times more than Iran on its military.

### **The Stockholm International Peace Research Institute (SIPRI) Estimates**

The second set of estimates comes from the Stockholm Institute of Peace Research Institute (SIPRI).

- **Figure II.3** compares the SIPRI estimates of military expenditures of each GCC member during 1997-2012, along with those of Iraq, Yemen, and Iran.
- **Figure II.4** shows how the SIPRI estimates of total military expenditures of the GCC contrast to those of Iran. It is clear that the GCC, as a whole, spends far more than Iran on its military.

A comparison of Figure II.1 and II.3 show that the IISS and SIPRI estimates are usually very similar or identical but the some differences do occur. There is no way to explain the differences, and neither the IISS nor SIPIRI fully explain the source or definition of their data. In broad terms, however, the Arab lead over Iran is just as clear. Saudi Arabia spends some 4-5 times as much as Iran, and the UAE alone has outspent Iran since 2007. If Saudi Arabia and the UAE – the two Arab Gulf states with the most modern Arab Gulf military forces are combined – they have consistently spent more than six times as much as Iran.

As might be expected, **Figure II.4** shows almost the same Arab Gulf and GCC lead over Iran as **Figure II.2**.

- **Figure II.5** compares the SIPRI estimates of military expenditures of each GCC member during 1997-2012, along with those of Iraq, Yemen, and Iran in constant 2011 \$US dollars. It shows that the Arab Gulf lead over Iran is not changed significantly when an attempt is made to compare spending over time in constant dollars.
- **Figure II.6** shows how the SIPRI estimates of total military expenditures of the GCC contrast to those of Iran in constant \$2011 dollars. Once Again, It is clear that the GCC, as a whole, spends far more than Iran on its military.

### **Military Spending as a Percent of GDP and Comparative GDP**

- **Figure II.7** compares IMF estimates of military expenditures of each GCC member as a percent of its total economy or Gross Domestic Product (GDP) during 1997-2012, along with those of Iraq, Yemen, and Iran.
- **Figure II.8** compares IMF estimates of the total Gross Domestic Product (GDP) during 1997-2012, along with those of Iraq, Yemen, and Iran. This provides an estimate of the total resources each state can draw upon in sizing its national security expenditures.

There are surprising wide differences in the estimate of GDP from different sources, and particularly when the estimates of international institutions are compared to national estimates. Other sources do not, however, alter the broad trends reflected **Figure II.7** and **Figure II.8**. The Arab Gulf states have vastly larger cumulative economic resources to draw upon, and all major sources agree that they have much smaller native populations to support. This gives them a major structural advantage over Iran in sizing their national security efforts, and one they clearly take advantage of.

The percentages of gross domestic product (GDP) each country spends on defense are shown in **Figure II.7**. They provide another indicator of the forces driving the military balance. It is important to note, however, that showing such percentage is only a measure of effort in terms of the burden defense spending places on a given national economy. It does not account for the different size of such economies, it does not indicate the impact of outside factors like sanctions, and it does not show the size the resulting expenditures.

For example, **Figure II. 7** shows that the IMF estimates that Oman spent 16.36% of its GDP on its military in in 2012 —the highest of any GCC and Gulf state. However, the data in **Figure II.1** show that Oman's total expenditures were only \$12.334 billion, the third highest of the Gulf States, and significantly less than Saudi Arabia's \$56.498 billion.

## Iran's Structural Limits in Spending on National Security

The limits to Iran's military expenditures have been more a matter of necessity than intent, and this necessity has been as much a result of international pressure and sanctions as the limits imposed by Iran's GDP and its need to support a large native population. Unlike the GCC states, Iran has been subject to slowly growing and now crippling sanctions, leading to a devalued currency, significant reductions in oil exports, trade disruptions, higher inflation, and a shrinking economy, some problems other Gulf States are not facing.<sup>1</sup>

The impact of sanctions on Iran seems to be reflected by the fact that the trend line data in **Figure II.7** suggest that the percentage of Iran's GDP spent on its military has been decreasing, and **Figure II.8** shows that Iran's GDP decreased after stronger sanctions were applied in 2011.

In contrast, both GDP of the Arab states continued to increase through 2014, and this limited the extent to which they had to increase the burden on their economies to pay for defense. **Figure II.1** and **Figure II.3** show that nearly all of the GCC states increased funding for their military from 2010 onwards, some quite significantly.

It is scarcely surprising that the GCC collectively spends more on their military than Iran. Saudi Arabia, alone, spent nearly \$56.5 billion on its military in 2012, compared to Iran's \$10.6 billion. Collectively, the GCC nearly spent an overwhelming \$98.5 billion on their militaries, outspending Iran nearly 10:1. This spending superiority allows the GCC to invest in newer technology, weaponry and defense acquisitions.

## US Military Spending and the Gulf Military Balance

Comparisons that focus on the Arab Gulf states and Iran ignore the fact that outside powers also play a major role in the regional military balance. Egypt and Jordan are coming to play a more direct role, Britain and France maintain a presence in the region, and the US is actively involved in a military campaign in Iraq and has deployed naval forces to support the Saudi-led coalition operating in Yemen.

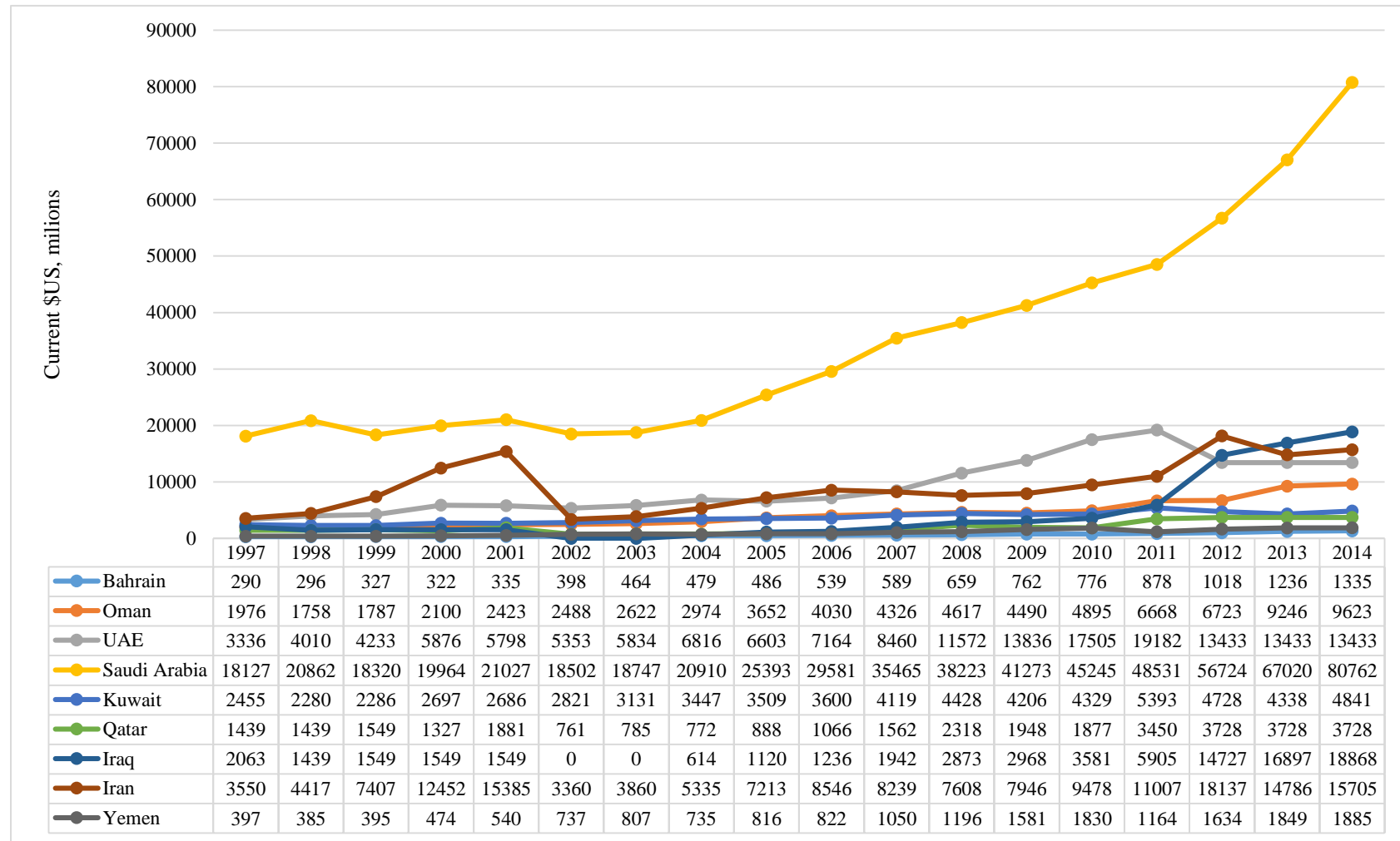
There is no way to estimate the portion of the military spending of such outside states that should be included in any assessment of the total resources affecting the balance. It is clear, however, that the Arab Gulf states can benefit from a vastly greater pool of resources than is apparent from either a comparison of their national defense spending or their arms imports.

- **Figure II.9** shows the level of US military spending in FY2016 dollars. This buys a massive mix of air-sea-land power projection capabilities, and even though the US now plans to cap military spending after major cuts following the end of the major fighting in Afghanistan and Iraq, it is worth pointing out that the total US spending for FY2016 is likely to be well over 30 times that of Iran, and can support US power projection capabilities indefinitely into the future.
- **Figure II.10** shows that the US Department of Defense will spend \$69.8 billion on research, development, test, and evaluation (RDT&E) in FY2016, and \$107.7 billion on procurement. This means the US will spend more than 4 times as much on R&D alone as Iran will on its entire defense budget, and can spend 6 times as much on procurement. The end result allows the Arab Gulf states to draw upon a vastly larger US R&D and production base than Iran, take advantage of US economies of scale, and do so at minimal risk since they only have to buy mature US programs -- and can buy from competing sources if the US does not meet their needs -- while Iran must take serious risks in attempt to develop and produce its own designs.



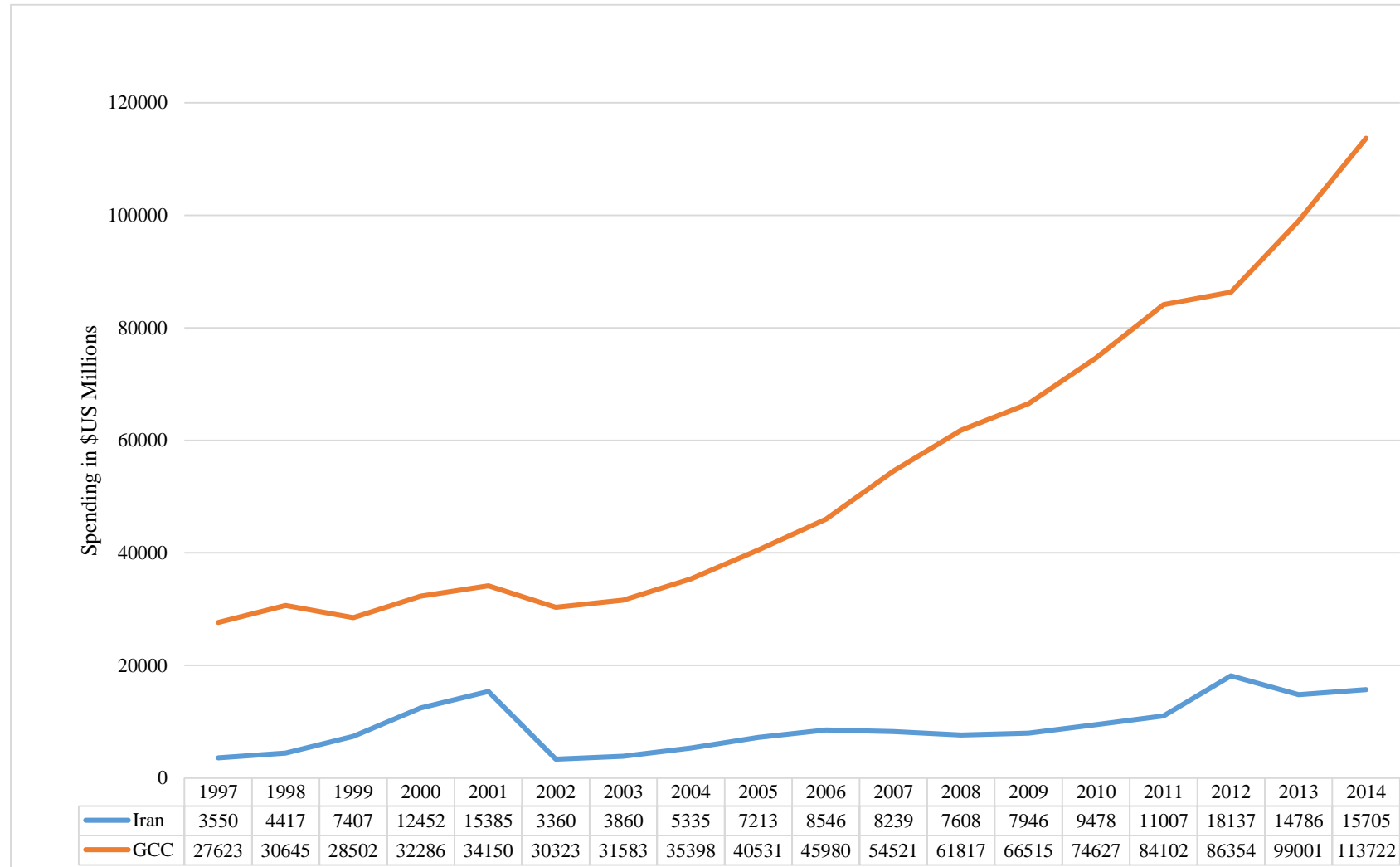
There is no doubt that the Arab Gulf states would make far more effective use of their resources and these opportunities if they were able to achieve a higher degree of standardization, integration, interoperability.

Iran has also been innovative in using its resources to acquire missiles, build-up its asymmetric warfare capabilities in the Gulf, and use money, advisors, and arms transfers to win influence elsewhere in the region. Iran however, has internal divisions and problems with corruption and waste that limit the effectiveness of its military spending; and compete to some extent with the problems growing out of the lack of real-world unity in the Gulf Cooperation Council and Arab forces.

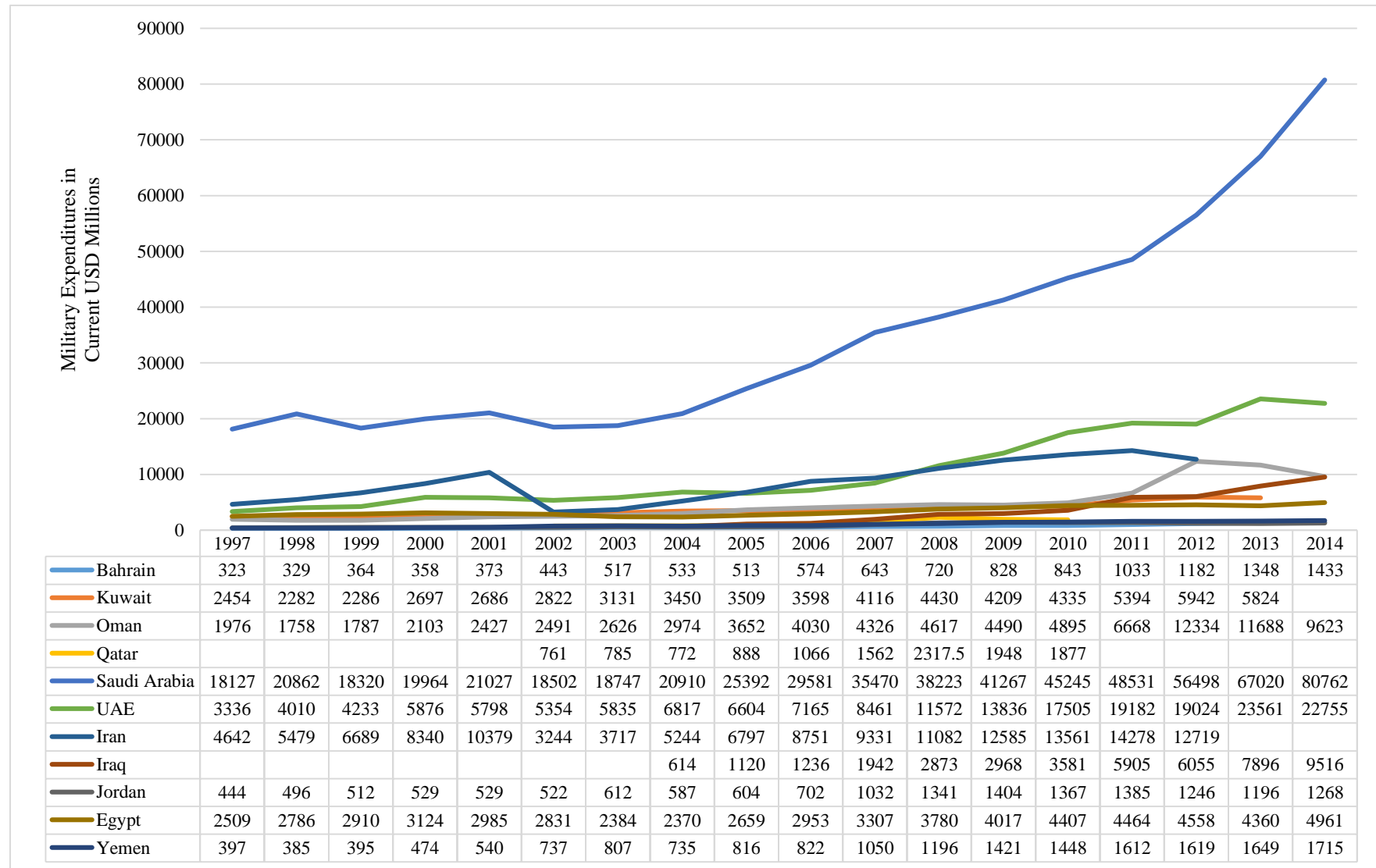
**Figure II.1: IISS Estimate of Gulf State Military Spending in Current \$US Dollars, 1997-2014**

Source: IMF Data, World Economic Outlook Database October 2014

**Figure II.2: IISS Estimate of Iranian vs. Arab Gulf State (GCC) Military Spending in Current \$US Dollars, 1997-2014**

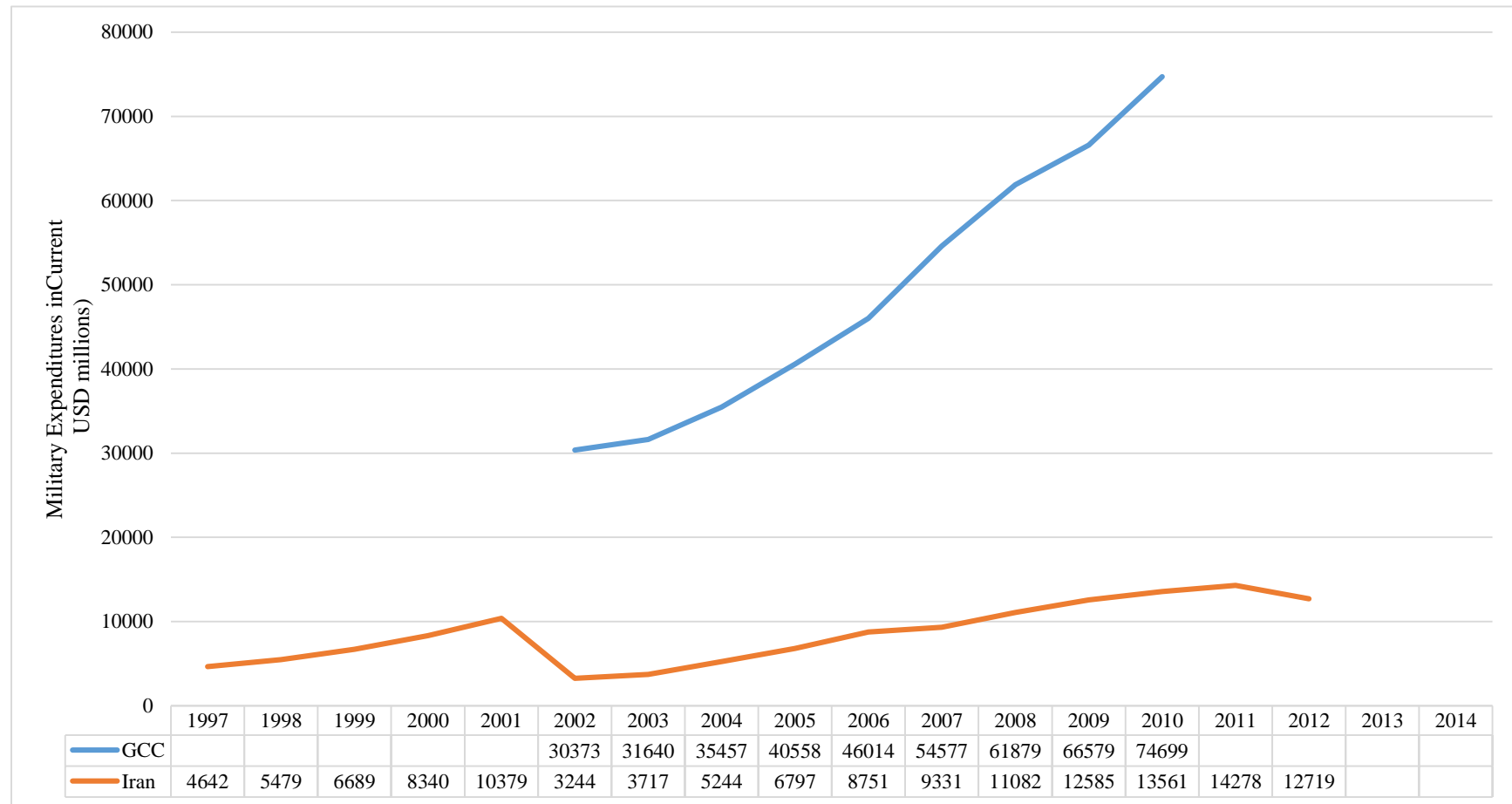


Source: Based on "Chapter Seven: Middle East and North Africa," in *The Military Balance, 2015*, International Institute for Strategic Studies, 2015, p. 303-362, material from HIS Jane's as adjusted by the authors.

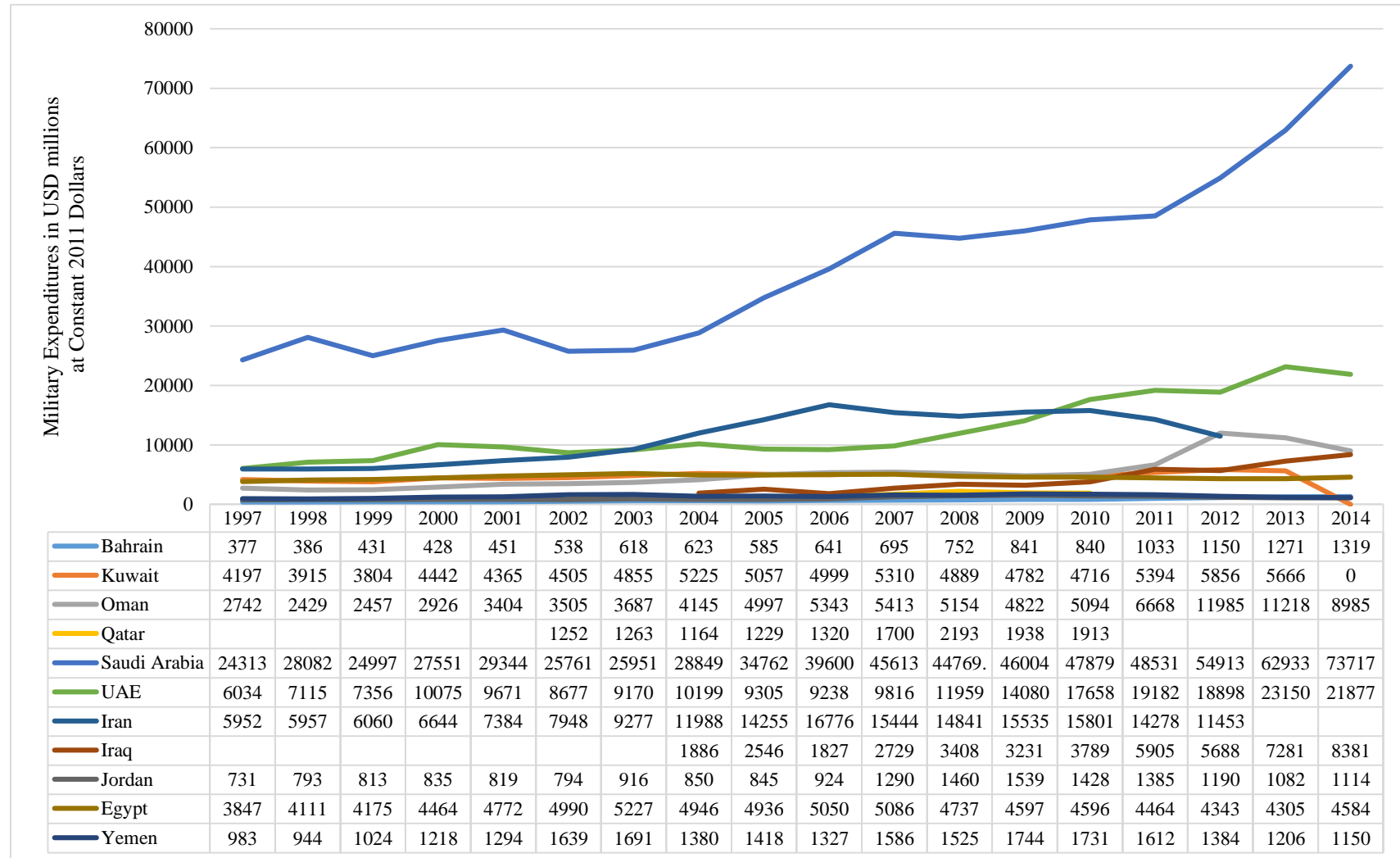
**Figure II.3: SIPRI Estimates of Gulf State Military Spending in \$US Current Millions, 1997-2014**

Source: Graphs Generated using data from [http://www.sipri.org/research/armaments/milex/milex\\_database](http://www.sipri.org/research/armaments/milex/milex_database)

**Figure II.2: SIPRI Estimate of Iranian vs. Arab Gulf State (GCC) Military Spending in Current \$US Millions, 1997-2014**

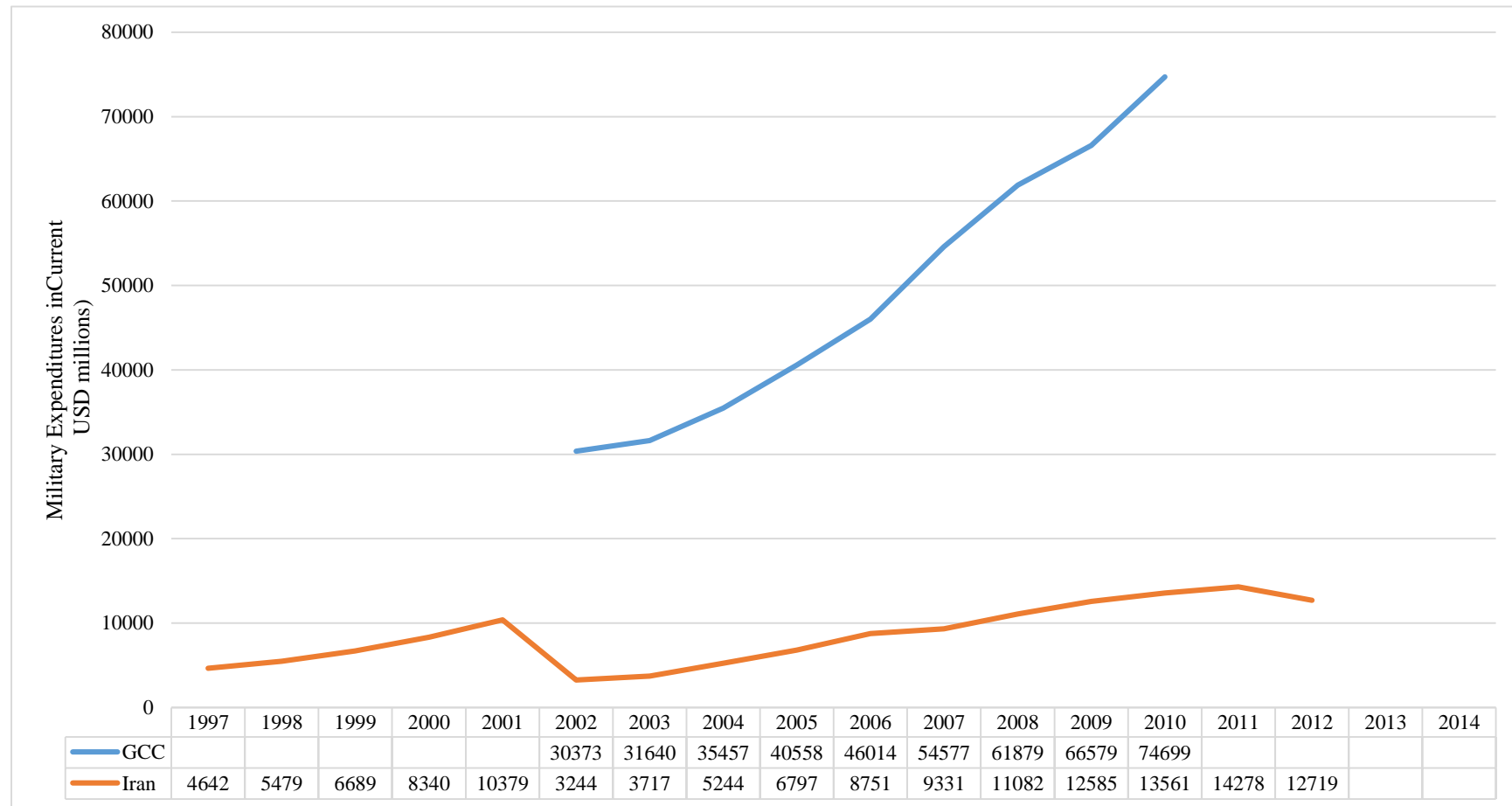


**Figure II.5: SIPRI Estimates of Gulf State Military Spending in Constant 2011 \$US Millions, 1997-2014**

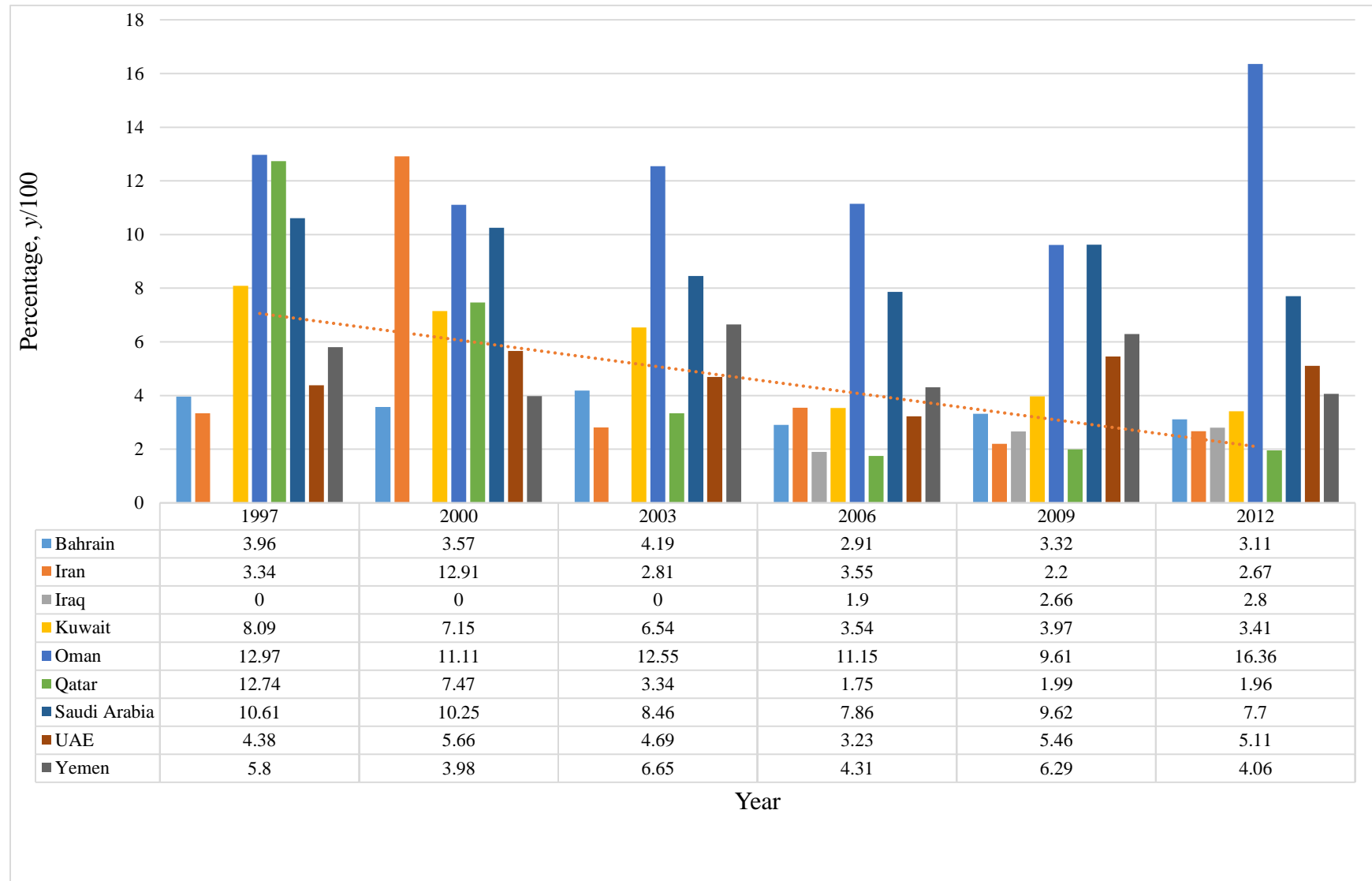


Source: Graphs Generated using data from [http://www.sipri.org/research/armaments/milex/milex\\_database](http://www.sipri.org/research/armaments/milex/milex_database)

**Figure II.6: SIPRI Estimate of Iranian vs. Arab Gulf State (GCC) Military Spending in Constant 2011 \$US Millions, 1997-2014**

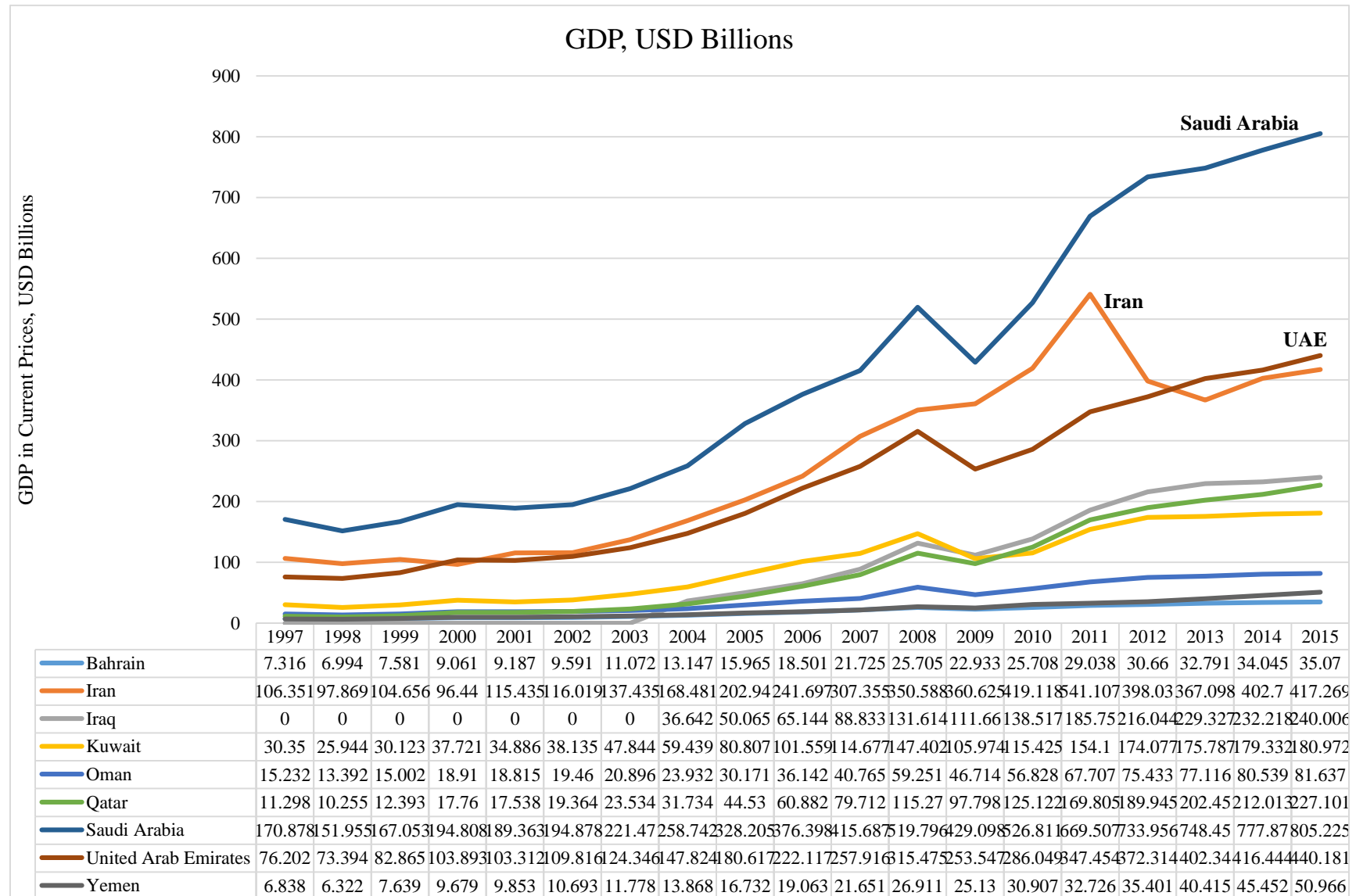


Source: Graphs Generated using data from [http://www.sipri.org/research/armaments/milex/milex\\_database](http://www.sipri.org/research/armaments/milex/milex_database); Breaks delineate incomplete data/unknown data

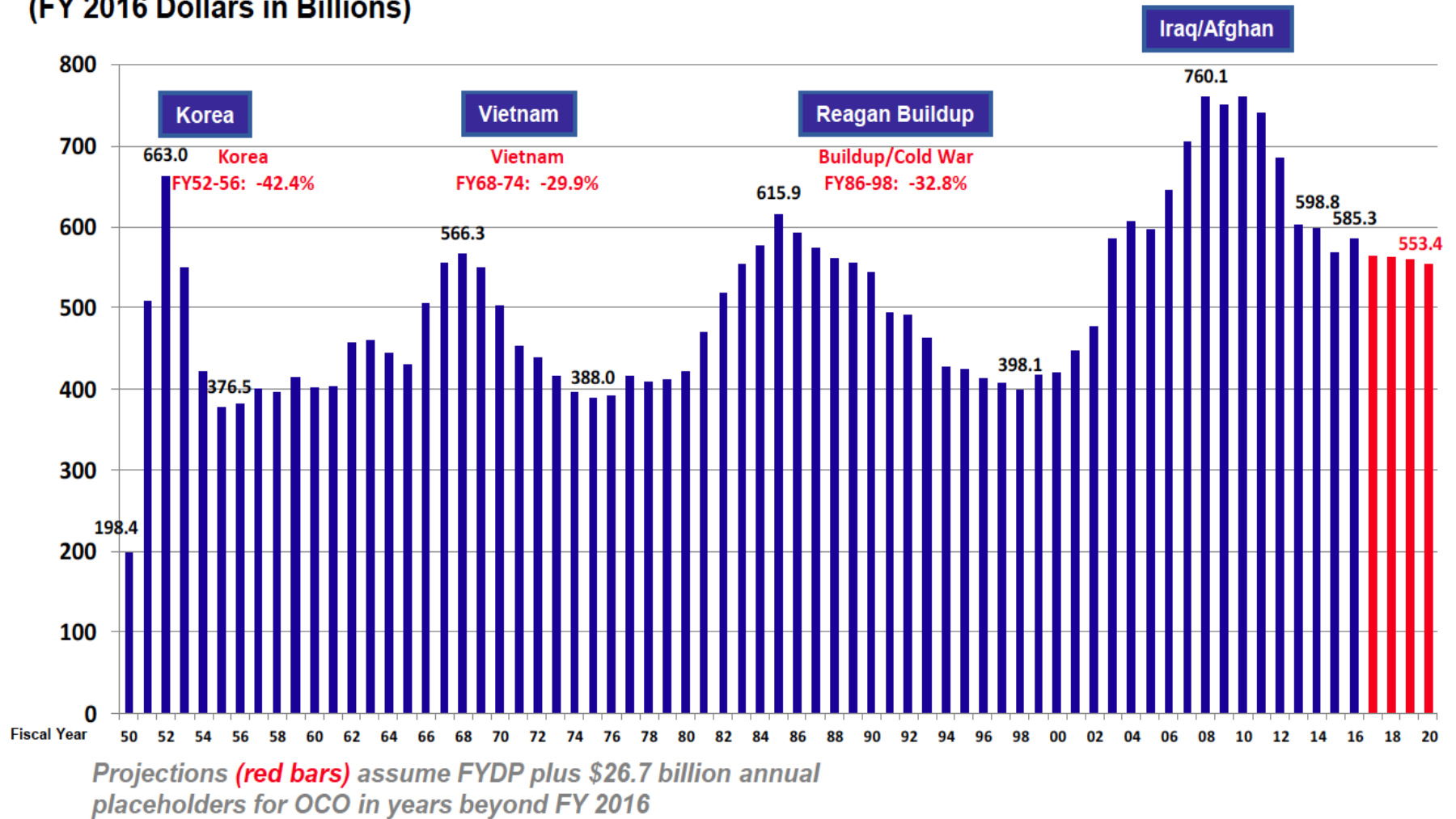
**Figure II.7: Military Expenditures as a Percentage of GDP for the Gulf States**

Sources: (2014) Chapter Seven: Middle East and North Africa, The Military Balance, 114:1, 297-354, <http://dx.doi.org/10.1080/04597222.2014.871884> ; IMF Data, World Economic Outlook Database October 2014.



**Figure II.8: Gulf States' Gross Domestic Product**

Source: IMF Data, World Economic Outlook Database October 2014

**Figure II.9: US Military Spending: 1950- 2020 in Constant \$ US FY2016 Dollars****(FY 2016 Dollars in Billions)**Office of the Under Secretary of Defense (Comptroller/CFO), *Fiscal Year 2016 Budget Request*, Department of Defense, February 2015, p.26.

**Figure II.10: President's FY2016 US Baseline Defense Budget Request in Billions of \$US Current Dollars**

By Appropriation Title	FY 2015	FY 2016	Dollar Change
Military Personnel	135.0	136.7	+1.8
Operation and Maintenance	195.4	209.8	+14.5
Procurement	93.6	107.7	+14.1
RDT&E	63.5	69.8	+6.3
Military Construction/Family Housing	6.6	8.4	+1.9
Other	2.1	1.8	-0.3
<b>TOTAL</b>	<b>496.1</b>	<b>534.3</b>	<b>+38.2</b>

*Numbers may not add due to rounding*

By Military Department	FY 2015	FY 2016	Dollar Change
Army	119.5	126.5	+7.0
Navy	149.2	161.0	+11.8
Air Force	136.9	152.9	+16.0
Defense Wide	90.6	94.0	+3.4
<b>TOTAL</b>	<b>496.1</b>	<b>534.3</b>	<b>+38.2</b>

*Numbers may not add due to rounding*

***Base Budget Request: \$534.3 Billion***

## ***II. Arms Imports***

As is the case with military expenditures, the GCC states, Egypt, Jordan, Lebanon – and to a lesser extent Iraq – have had a major advantage over Iran in arms imports ever since the fall of the Shah. Since 1980, the US and other Western states have sought to block or limit transfers of key arms and technology to Iran – including munitions, modernization kits, spare parts, and advanced dual-use technology. Russia and China have also shown restraint in exporting advanced arms, and UN sanctions have further restricted Iran's options.

Iran has attempted to counter by setting up a large mix of covert purchasing networks during the Iran-Iraq War, bought from third nations with fewer restrictions, and bought on the black market. It only had limited success, however, even in paying a premium prices while the Arab states had open access at market prices. Similarly, Iran made some successful efforts to improve its industrial based, but these had limited success and involved massive investment costs and severe diseconomies of scale.

These trends can be measured in two key ways. One is to estimate the total value of the arms deliveries and new arms orders being provide to each Gulf state. The other is to analyze reports on the actual transfer of arms and key military technologies. Both methods are useful, but both also present significant problems in the reliability of the data provided.

### **A Lack of Reliable Official Data on Total Arms Transfer Expenditures**

There are no current *reliable* metrics on the overall trends in arms transfer expenditures. Only one country has provided extensive official data on global sales in the past, and its reporting has been cut back and now has substantial gaps. The US Arms Control and Disarmament Agency (ACDA) once published a much more comprehensive assessments called *World Military Expenditures and Arms Transfer (WMEAT)*, but publication became erratic and the last version seems to have been published on-line in 2012. (<http://www.state.gov/t/avc/rls/rpt/wmeat/2012/>), and only covered the period from 1999 to 2009.

The US Congressional Research Service did publish a declassified intelligence estimate called *Conventional Arms Transfers to Developing Nations*, after WMEAT was cancelled. It did not provide anything like the same detail, but it did provide a detailed break out of total arms transfers and orders for each MENA country. The CRS has not published an update to this report since August 2012, and the last report covered the 2004-2011 period. Even so, the totals are still useful in showing the scale of the Arab Gulf advantage over Iran.

- **Figures III.1 to III.2** show the trends from 2004-2011 in terms of both new orders and actual deliveries. They show that the GCC states has a massive advantage over Iran in actual arms deliveries of 80:1 in in 2008-2011 and 25:1 in 2004-2007.
- **Figures III.3 to III.4** show that that the GCC states advantage over Iran in new arms orders was of 252:1 in in 2008-2011 and 15:1 in 2004-2007. This ensures that the GCC states will have a massive advantage over Iran in the near term.

As has been touched upon earlier, the GCC advantage in importing weapons and military technology has been partially offset by the lack of standardized, and to some extent interoperability in GCC and allied forces that come from each country buying a different mix

of weapons and equipment from different suppliers, as well as from the lack of standardization in doctrine, training, supply, and logistics. At the same time, the GCC states benefit from access to outside training facilities, military experience, and access to advanced US Intelligence, surveillance, and reconnaissance (IS&R) capabilities and command, control, communications, computer, and battle management capabilities (C4I/BM). They also do not face technological risk since they can choose between proven systems while any Iranian produced systems that are not exact copies of foreign systems mean Iran must assume the risk of problems in performance, delivery delays, and cost escalation.

### ***Commercial and Media Reporting***

Various commercial services and defense media also report arms sales, but such reporting is extremely erratic and often is little more than a summary of manufacturer publicity reporting. The reporting by IHS Jane's is a partial exception

### ***NGO Reporting: the Stockholm International Peace Research Institute***

The Stockholm International Peace Research Institute's Arms Transfer Database seems to represent the most accurate outside NGO assessment, but any NGO faces significant cost issues and data collection limits relative to US intelligence. It is not surprising therefore that the SIPRI numbers are sometimes very different from the US numbers and they consistently are substantially smaller, although they exhibit the same basic trends.

The Stockholm International Peace Research Institute's Arms Transfer Database calculates arms transfers using SIPRI Trend Indicator Values (TIVs) expressed in US\$ millions at constant 1990 US dollars. As a result, the numbers are not comparable with the CRS estimates. They do, however, show very similar trends in relative effort.

- **Figure III.6** shows the level of arms transfers between 1997 and 2014. The Arab Gulf states in the GC have had a massive lead over Iran in arms imports. The gap is so great in given periods that the GCC states lead Iran by 6.9:1 during 1997-2007, 10.4:1 in 2004-2008, 33.1:1 in 2009-2013, and 27.5:1 in 2007-2014,
- **Figure III.7** shows transfers by both source and recipient country between 2004 and 2008. The Arab Gulf states had a clear advantage in terms of both total spending and access to modern US and European arms. Even though SIPRI seems to sharply underestimate the Saudi total, Saudi Arabia's imports alone were twice as large as Iran's, and the UAE's were more than seven times larger.
- **Figure III.8** reflects that same sharp build up in arms imports during 2009-2014 reflected in the IISS data during 2009-2014. The gap between Iran and the Arab Gulf states did, however, widened sharply. Saudi Arabia's arms imports were more than 18 times larger than Iran's. The UAE's imports were 16 times larger.

These figures give the GCC massive advantage over a very extended period in both the quantity and quality of arms transfers.

The driving factor between the Arab Gulf advantage is that the GCC arms imports are not limited by sanctions, and this allows the GCC states –as well as Arab states like Jordan and Egypt -- to take full advantage of international arms sales and arms transfer agreements in buying upgrades and purchasing of more advanced arms. In contrast, Iran doesn't have access to many of the markets it needs to obtain

replacement parts for its weaponry and armor that originally came from the West. Sanctions have forced Iran to reverse engineer parts—and in some cases, entire weapons---to maintain its military force. This has forced Iran to try to find “work arounds” to keep its equipment running, make uncertain procurements and modernization efforts, try to produce parts of uncertain quality at high cost, and to an expensive black market in order to find vital parts for its military. It has led Iran to create a larger military industrial base, but at an extremely high unit cost because of the lack of scale, and to attempt efforts that were too advanced for its industrial base to fully support.

### **Actual Weapons and Military Technology Transfers**

The data on actual weapons transfers are sometimes contradictory and often have significant gaps. Nevertheless, enough useful data are available to provide a further indicate of the advantage that the Arab Gulf states have had over Iran. If one looks at a range of sources, one can also obtain considerable insight into which services have modernized most quickly, and how each regional state is modernizing its forces.

#### ***Congressional Research Service Data on Actual Transfers of Arms and Military Technology***

The CRS issues a regular set of reports on each major Gulf state, some of which provide considerable detail on US arms transfers. For example, a report by Christopher M. Blanchard indicates that Saudi Arabia ordered \$90.435 billion in major new arms transfers from the US alone between October 2010 and October 2014. These arms sales are shown in **Figure III.8**, and include some of the most modern weapons in US inventory.<sup>2</sup>

Similarly, the CRS reports that UAE – which has some of the most effective armed forces in the Gulf – has also placed substantial orders for US weapons and technology. Kenneth Katzman provided the following list of major arms orders and summary of their impact:<sup>3</sup>

From 2007 to 2010, the UAE agreed to acquire more U.S. defense articles and services through the Foreign Military Sales program—\$10.4 billion worth—than any other country in the world except Saudi Arabia. Until 2008, the most significant buy was the March 2000 purchase of 80 U.S. F-16 aircraft, equipped with the Advanced Medium Range Air to Air Missile (AMRAAM) and the HARM (High Speed Anti-Radiation Missile), a deal exceeding \$8 billion...Defense industry sources say that the equipment and capabilities on the F-16s sold to the UAE were highly sophisticated. Earlier, in September 2006, the United States sold UAE High Mobility Artillery Rocket Systems (HIMARS) and Army Tactical Missile Systems (ATACMs), valued at about \$750 million.

Among recent major sales:

- In March 2009, the UAE signed agreements with Boeing Co. and Lockheed Martin Corp. to buy \$3 billion worth of military transport aircraft (C-17 and C-130, respectively).
- On November 4, 2010, the Defense Security Cooperation Agency (DSCA) notified Congress of two potential sales: \$140 million worth of ATACMs and associated support; and a possible \$5 billion worth of AH-64 Apache helicopters
- (30 helicopters, remanufactured to Block III configuration).<sup>15</sup>

- On November 30, 2011, DSCA notified (transmittal number 10-56) a potential sale of 4,900 Joint Direct Attack Munitions (JDAM) kits with an estimated value of \$304 million. The widespread perception was that the munitions could potentially be used to strike hard targets, such as nuclear facilities in Iran, although there are no indications the UAE would conduct such a strike on its own. The United States previously sold the UAE JDAM kits worth \$326 million in January 3, 2008.
- On April 25, 2013, Secretary of Defense Chuck Hagel, visiting UAE, reportedly finalized a sale to UAE of an additional 25-30 F-16 aircraft and associated “standoff” air-to-ground munitions. The sale was in conjunction with similar weapons sales to Israel and Saudi Arabia, and which Secretary Hagel and other officials clearly indicated were intended to signal U.S. and partner resolve to Iran.<sup>16</sup> The agreement came about one week after President Obama met visiting Abu Dhabi Crown Prince Shaykh Mohammad at the White House on April 16, 2013. A related possible sale was notified on January 24, 2014, for equipment upgrades to the F-16 being purchased, with an estimated value of \$270 million.
- On October 15, 2013, DSCA (transmittal no. 13-48) notified a potential sale of numerous precision-guided missiles for its F-16 fleet, including 20 of the advanced ATM-84 SLAM-ER Telemetry missile and 5,000 GBU-39/B “bunker buster” bombs. (The sale of the SLAM-ER would represent the first sale of that weapon to a Gulf state.) The principal contractors will be Boeing and Raytheon, and the estimated cost of the munitions is \$4 billion.
- Press reports say the UAE and other Gulf states are interested in purchasing the advanced F-35 “Joint Strike Fighter” if and when the United States approves it for sale to the Gulf states. The UAE is said to also be evaluating the French-made Rafale and the Boeing F/A-18, but has reportedly ruled out purchasing the British-made Typhoon.
- *Possible Drone Sale?* At the IDEX defense show in February 2013, the UAE reportedly agreed to a commercial sale, worth about \$200 million, for Predator unmanned aerial vehicles (UAVs), although the system apparently would be unarmed and for surveillance only. Still, Defense Department officials say they have not completed formulating a policy for the sale of such equipment to the Gulf states and it is possible that the deal might not be permitted by DOD.

The UAE is pivotal to the U.S. effort to forge a Gulf-wide missile defense network because the UAE has ordered the Terminal High Altitude Air Defense System (THAAD), the first sale ever of that sophisticated missile defense system. A sale of THAAD equipment was first announced September 9, 2008, valued at about \$7 billion. However, subsequent negotiations altered the purchase somewhat; on November 2, 2012, DSCA notified Congress of a potential sale to the UAE of additional THAAD equipment: 9 launchers, 48 missiles, and associated equipment with total estimated value of \$1.135 billion.<sup>19</sup> In September 2013, the Defense Department awarded a \$3.9 billion contract to Lockheed Martin for about 300 THAAD missiles, of which about 192 would be exported to the UAE—suggesting the UAE purchase has increased since the November 2012 DSCA notification.<sup>20</sup> Also on November 5, 2012, DSCA announced the first sale of the THAAD to neighboring Qatar.

Among significant other recent missile defense sales to the UAE are the advanced Patriot antimissile systems (PAC-3, up to \$9 billion value, announced December 4, 2007). Also announced on September 9, 2008, were sales to UAE of vehicle mounted “Stinger” anti-aircraft systems (\$737 million value).

Kuwait has not attempted to create forces on the scale of Saudi Arabia and the UAE, but its purchases have still been significant. Since its liberation in 1991, the CRS reports that Kuwait’s major purchases from the US include:<sup>4</sup>

- 218 M1A2 tanks at a value of \$1.9 billion in 1993. Delivery was completed in 1998.
- A 1992 sale of 5 Patriot anti-missile fire units, including 25 launchers and 210 Patriot missiles, valued at about \$800 million. Delivery was completed by 1998. Some of them were used to intercept Iraqi short-range missiles launched at Kuwait in the 2003 war.

- A 1992 sale of 40 FA-18 combat aircraft.
- A September 2002 sale of 16 AH-64 (Apache) helicopters equipped with the Longbow fire-control system, valued at about \$940 million.
- A December 4, 2007, Defense Security Cooperation Agency (DSCA) notification to Congress reported a sale to Kuwait of 80 PAC-3 (Patriot) missiles and 60 PAC-2 missiles and upgrades, valued at about \$1.3 billion.
- On September 9, 2008, DSCA notified a sale of 120 AIM-120C-7 Advanced Medium Range Air-to-Air Missiles (AMRAAM), along with equipment and services, with a total value of \$178 million.
- On August 11, 2010, the Administration notified Congress of another potential Patriot-related sale—of 209 Patriot “Guidance Enhanced Missile-T” (GEM-T) missiles valued at \$900 million. The prime contractor for that system is Raytheon.
- On February 27, 2012, the Administration notified Congress of a potential sale of 80 AIM-9X-2 SIDEWINDER missiles, and associated parts and support, with an estimated value of \$105 million. The sale, if completed, would help Kuwait modernize its fighter aircraft and enhance interoperability with U.S. aircraft.
- On July 20, 2012, the Administration notified a potential sale of 60 Patriot Advanced Capability (“PAC-3”) missiles and 20 Patriot launching stations, plus associated equipment. The total value of the sale could reach \$4.2 billion. On December 31, 2013, DoD said Lockheed Martin would deliver 14 of the missiles and seven launcher modification kits by June 30, 2016.
- On April 17, 2013, DSCA notified a potential sale to Kuwait of one C-17 cargo aircraft and associated equipment, with an estimated total cost of \$371 million.
- On December 4, 2013, DSCA notified a possible sale to Kuwait of technical support to its U.S.-made F-18s for an estimated cost of about \$150 million.
- Kuwait is said to be considering adding more FA-18 aircraft, although it is evaluating and might instead order the Rafale or the Typhoon. The latter two combat aircraft are made by European manufacturers.

Oman has bought many of its arms from the UK, but the CRS reports it has also has made some major purchases from the US:<sup>5</sup>

- *F-16s*: In October 2001, Oman purchased (with its own funds) 12 U.S.-made F-16 C/D aircraft from new production. Along with associated weapons (Harpoon and AIM missiles), a podded reconnaissance system, and training, the sale was valued at about \$825 million; deliveries were completed in 2006. Oman made the purchase in part to keep pace with its Gulf neighbors, including UAE and Bahrain, that had bought F-16s. The Defense Security Cooperation Agency (DSCA) notified Congress on August 4, 2010, of a potential sale to Oman of up to 18 additional F-16s and associated equipment and support. The sale could be worth up to \$3.5 billion to the main manufacturer, Lockheed Martin.<sup>11</sup> Oman signed a contract with Lockheed Martin for 12 of the aircraft in December 2011, with a contract for an additional six still possible. The twelve are to be delivered through 2014. On December 11, 2012, DSCA notified a sale of weapons systems for the F-16, including 27 AMRAAMs, 162 GBU laser-guided bombs, and other weaponry and equipment, with a total estimated value of about \$117 million.
- In July 2006, according to the Defense Security Cooperation Agency (DSCA), Oman bought the JAVELIN anti-tank system, at a cost of about \$48 million.
- In November 2010, DSCA notified Congress of a possible sale of up to \$76 million worth of countermeasures equipment and training to protect the C-130J that Oman is buying from Lockheed Martin under a June 2009 commercial contract. The prime manufacturer of the equipment is Northrop Grumman. Another possible sale of countermeasures equipment—in this case for Oman’s aircraft that fly Sultan Qaboos—was notified on May 15, 2013.



- On October 19, 2011, DSCA notified Congress of a potential sale to Oman of AVENGER fire units, Stinger missiles, and Advanced Medium Range Air to Air Missiles (AMRAAMs)—all of which are to help Oman develop a layered air defense system. The total value of the potential sale, including associated equipment and training, is about \$1.25 billion.
- On June 13, 2012, DSCA notified a sale of various types of AIM “Sidewinder” air-to-air missiles to modernize Oman’s F-16 fleet and enhance its interoperability with U.S. forces.
- On May 21, 2013, Secretary of State John Kerry visited Oman reportedly in part to help finalize a sale to Oman of ground-based air defense systems made by Raytheon. The equipment has an estimated value of \$2.1 billion. DSCA has not, to date, made a notification to Congress about the potential sale

Qatar has made French purchases, but has also bought some advanced arms from the US. The CRS reports that the proposed US sales during 2012-2013 included:<sup>6</sup>

- UH-60M BLACK HAWK Helicopters, \$1,112 million, June 13, 2012
- MH-60R and MH-60S SEAHAWK Helicopters, \$2,500 million, June 26, 2012
- AH-64D APACHE Block III Longbow Helicopters; Related Missiles, \$3,000 million, July 12, 2012
- HELLFIRE Missiles \$137 million, July 12, 2012
- Terminal High Altitude Area Defense (THAAD) Fire Units, \$6,500 million, November 5, 2012
- PATRIOT Configuration-3 Missile Fire Units and Missiles \$9,900, million, November 7, 2012
- M142 High Mobility Artillery Rocket System (HIMARS); M57 Army Tactical Missile System (ATACMS) Block 1A T2K Rockets; M31A1 Guided Multiple Launch Rocket System (GMLRS) Rockets, \$406 million, December 24, 2012
- Javelin Guided Missiles, \$122 million, March 28, 2013
- Large Aircraft Infrared Countermeasures (LAIRCM) Systems, \$110 million, May 15, 2013
- C-17 Globemaster III Equipment and Support, \$35 million, June 27, 2013
- A/N FPS-132 Block 5 Early Warning Radar, \$1,100 million, July 29, 2013.

Bahrain a major strategic partner of the United States because it provides key naval and air base facilities, but the CRS reports that,<sup>7</sup>

its total government budget is only about \$6 billion per year, “allowing modest amounts of national funds to be used for purchases of major combat systems. About 85% of Bahrain’s defense equipment is of U.S.-origin.

- In 1998, Bahrain purchased 10 U.S.-made F-16Cs from new production, worth about \$390 million. It later purchased 12 more of the system, bringing its F-16 fleet to 22. In 1999 and 2009, the United States sold Bahrain Advanced Medium-Range Air-to- Air Missiles (AMRAAMs) to arm the F-16s.
- An August 2000 sale of 30 Army Tactical Missile Systems (ATACMs, a system of short-range ballistic missiles fired from a multiple rocket launcher), valued at about \$70 million, included an agreement for joint U.S.-Bahraini control of the weapon. That arrangement was reached in part to allay U.S.

congressional concerns about possible U.S. promotion of missile proliferation in the region.

- In 2007, the United States sold Bahrain several hundred “Javelin” anti-armor missiles worth up to \$42 million; 9 UH-60M Blackhawk helicopters worth up to \$252 million; and 6 Bell search and recovery helicopters, valued at about \$160 million.
- Section 581 of the FY1990 foreign operations appropriation act (P.L. 101-167) made Bahrain the only Gulf state eligible to receive the Stinger shoulder-fired anti-aircraft missile, and the United States has sold Bahrain about 70 Stingers since 1990. (This authorization has been repeated in subsequent legislation.)

These lists of transfers by weapons systems vary sharply by country and report, but also provide a tangible picture of both the scale of the qualitative improvements to Arab Gulf forces and the level of US strategic commitment to the Arab Gulf states. As the previous Figures have shown, Britain and France have also made major sales, again giving the Arab Gulf states a major edge in weapons quality and military technology over Iran.

### **Mixed Official Data on US Arms Transfers: Defense Security Cooperation Agency (DCSA)**

The US provides more detailed reporting on major requests for the transfer or sale of *US arms* through its Defense Security Cooperation Agency (DCSA) (<http://www.dsca.mil/major-arms-sales>), although these are figures for *proposed* sales and not for *actual* sales. The DCSA reports total orders and deliveries by year for actual sales and orders by country ([http://www.dsca.mil/sites/default/files/fiscal\\_year\\_series\\_-\\_30\\_september\\_2013.pdf](http://www.dsca.mil/sites/default/files/fiscal_year_series_-_30_september_2013.pdf) and [http://www.dsca.mil/sites/default/files/historical\\_facts\\_book\\_-\\_30\\_september\\_2013.pdf](http://www.dsca.mil/sites/default/files/historical_facts_book_-_30_september_2013.pdf)), but it has not published a new volume since 2013.

These data are shown in **Figure III.9**. While they do not provide comparisons with other sellers, they do show the massive scale of US arms transfers to the Gulf. During one five year period in the DCSA reports – 2009 to 2013 -- the DCSA reports that the US provided the following FMS arms transfers to the GCC states:

- Bahrain signed \$372,341 million in new arms agreements and took \$421,117 million in arms deliveries.
- Kuwait signed \$3,386,192 million in new arms agreements and took \$1,503,455 million in arms deliveries
- Oman signed \$2,355,850 million in new arms agreements and took \$220,779 million in arms deliveries
- Qatar signed \$250,222 million in new arms agreements and took \$103,163 million in arms deliveries
- Saudi Arabia signed \$47,319,216 million in new arms agreements and took \$10,265,488 million in arms deliveries
- The UAE signed \$15,261,826 million in new arms agreements and took \$3,469,495 million in arms deliveries

They also indicate that GCC signed a grand total of \$68.9 billion in new FMS arms agreements and took \$15,983.6 billion in arms deliveries.

**Figure III.10** shows another aspect of DCSA reporting. It shows the proposed packages of *major* US arms sales reported by the Department of Defense to US Congress. These descriptions of individual states are based on proposals, not final contracts, and only cover major US sales. It is clear, however, from **Figure III.10** that the US has treated the Arab Gulf states as real strategic partners and has given, and is giving, them a vast lead in military weapons and technology over Iran – a lead reinforced by the fact US sales help make the Gulf states interoperable with both other Gulf states and US power projection capabilities.

### **NGO Efforts to Summarize all Major Weapons Transfers**

The IISS and SIPRI also make efforts to assess major arms transfers, and these efforts cover all of the Gulf states – not just the US. Both highlight the advantage the Arab Gulf states have over Iran in access to modern arms.

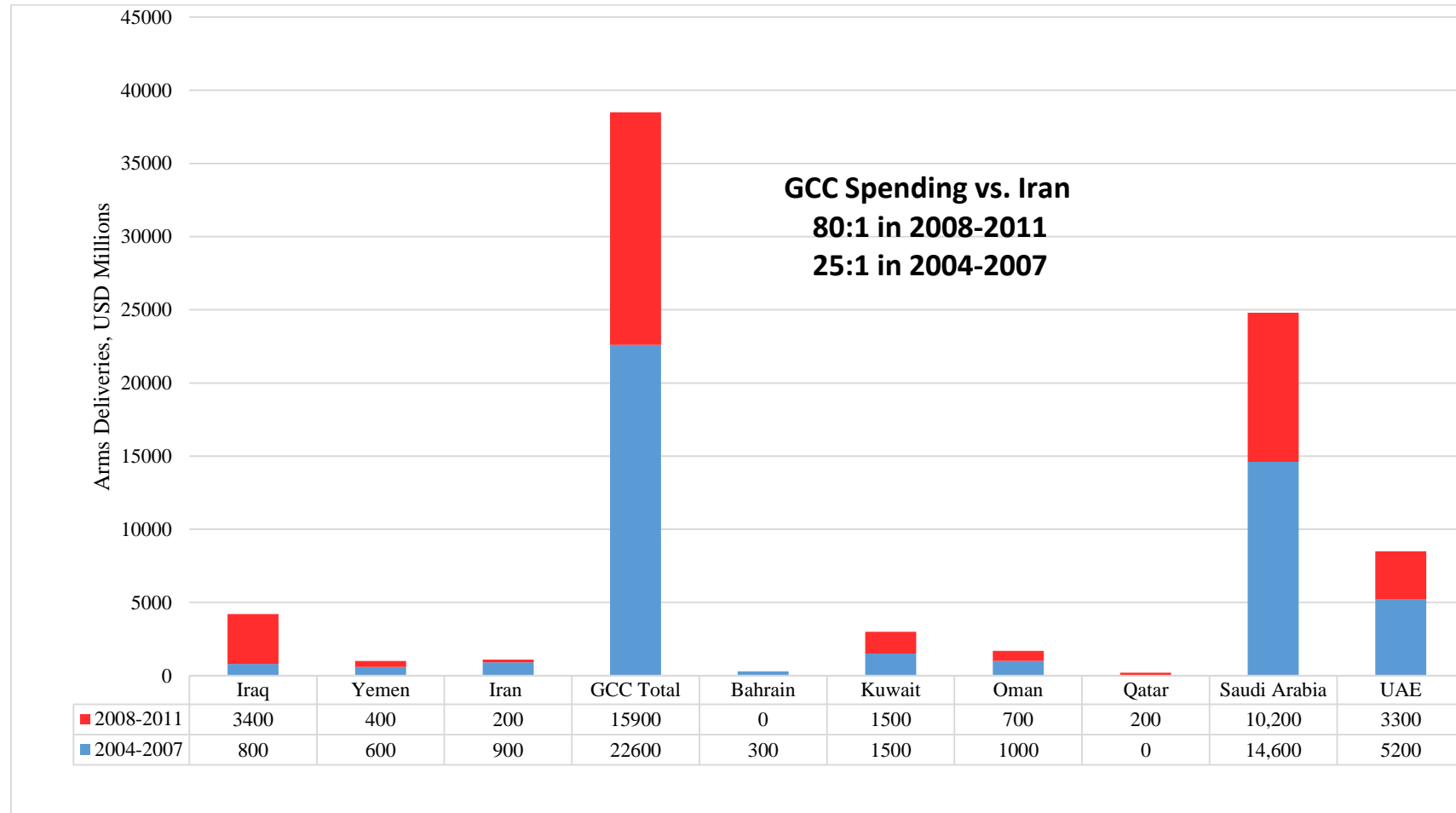
**Figure III.11** shows the recent arms transfers to key Gulf countries reported by the IISS in various editions of its annual *Military Balance* since 2013, as well as some reported by other sources. These data sometimes include sales or transfers that are reported by manufacturers before the final contract is signed or do not materialize for other reasons, but give a broad indication of the impact of outside technology transfer on the balance. The coverage is limited, but still provides useful insights into the trends in the region.

**Figure III.12** uses the SIPRI Arms Transfers Database to show arms transfers during 2000-2015 – the period that flags the most modern arms transfers and agreements affecting the regional balance. The SIPRI Arms Transfers Database attempts to provide information on “all transfers of major conventional weapons from 1950 to the most recent full calendar year. It seeks to “address a range of questions, including:

- Who are the suppliers and recipients of major conventional weapons?
- What weapons have been exported or imported by specific suppliers or recipients?
- How have the relationships between different suppliers and recipients changed over time?
- Where do countries in conflict get their weapons from?
- How do states implement their export control regulations?
- Where are potentially destabilizing build ups of weapons occurring?
- What is the relationship between access to natural resources and arms transfers?”

Using these data does require considerable military and technical expertise to determine the comparative value of given transfers, and careful research to compare the SIPRI data with other sources. SIPRI is correct noting, however, that while spending on arms transfers makes comparisons of levels of effort simple, it does not provide a clear picture of trends in deterrence and warfighting capability or the nature of the military balance.

Going to the SIPRI data base on actual arms trans, and either searching by type of weapon or by expanding the data in **Figure III.12** to cover the entire period from 1980 – the end of the Iran-Iraq War – to 2015, and while the data are complex, provides a good way to trace the broader patterns in Gulf military modernization. It also highlights the advantages the Arab Gulf states have had over Iran in detail, and the leading role that Saudi Arabia and the UAE play in Arab military Gulf military modernization.

**Figure III.1 CRS: The Arms Delivery Gap: Iran vs. GCC 2004-2011**

Source: Richard F. Grimmett and Paul K. Kerr, *Conventional Arms Transfers to Developing Nations, 2004-2011*, Congressional Research Service, August 24, 2012. pp. 58 ,59.  
 "0" represents any value below \$50 million.

**Figure III.2: CRS: The Arms Delivery Gap: Iran vs. GCC 2004-2011**

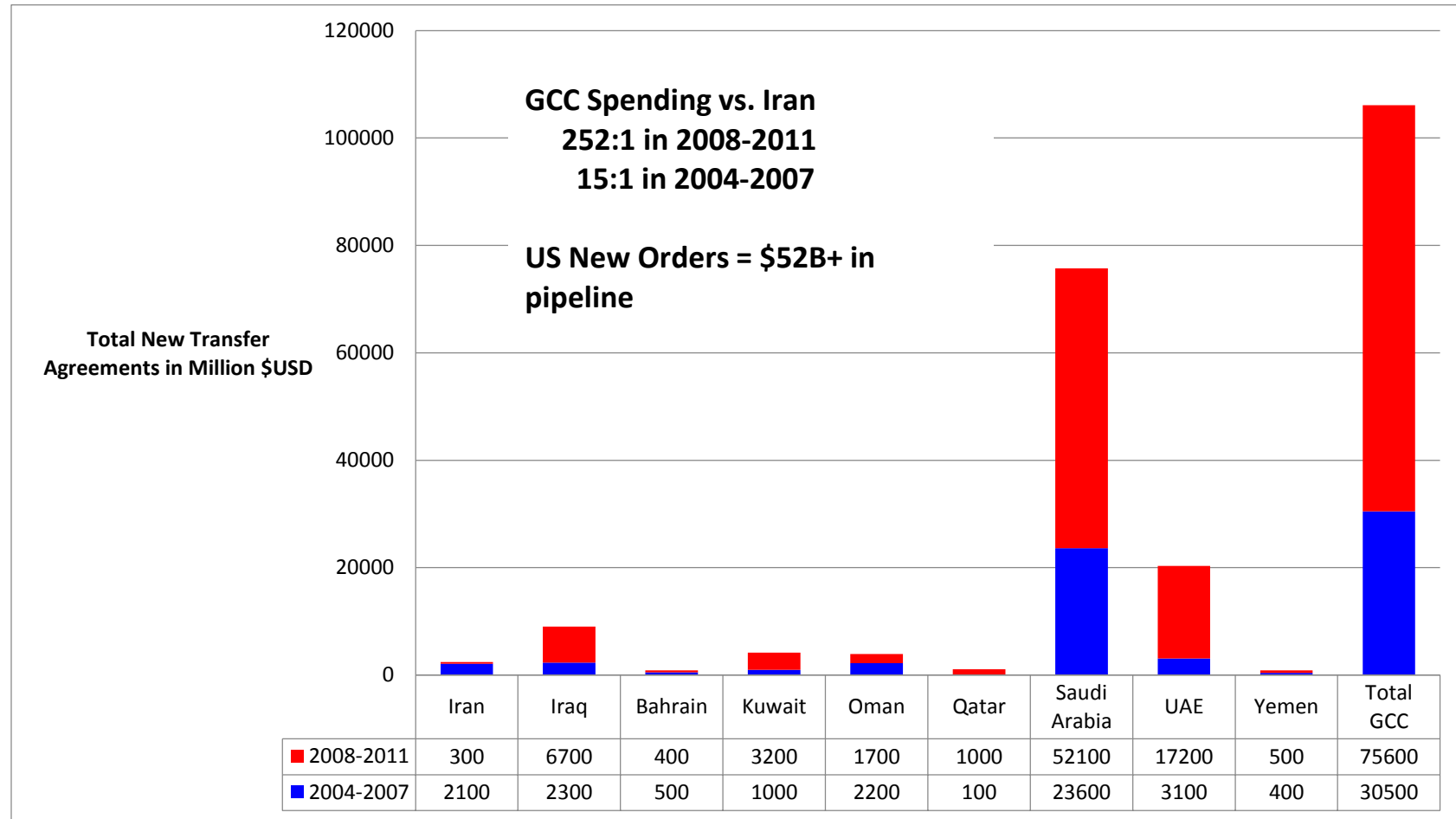
Recipient Country	U.S.	Russia	China	Major West European	All Other European	All Others	Total
<b>2004-2007</b>							
<b>Bahrain</b>	200	0	0	100	0	0	300
<b>Iran</b>	0	500	200	0	0	200	900
<b>Iraq</b>	200	100	0	100	300	100	800
<b>Kuwait</b>	1,500	0	0	0	0	0	1,500
<b>Oman</b>	700	0	0	300	0	0	1,000
<b>Qatar</b>	0	0	0	0	0	0	0
<b>Saudi Arabia</b>	4,300	0	200	9,900	100	100	14,600
<b>UAE</b>	600	200	0	4,000	400	0	5,200
<b>Yemen</b>	0	400	0	0	100	100	600
<b>GCC Total</b>	7,300	200	200	14,300	500	100	22,600

Recipient Country	U.S.	Russia	China	Major West European	All Other European	All Others	Total
<b>2008-2011</b>							
<b>Bahrain</b>	0	0	0	0	0	0	0
<b>Iran</b>	0	200	0	0	0	0	200
<b>Iraq</b>	2,600	300	0	300	100	100	3,400
<b>Kuwait</b>	1,300	100	100	0	0	0	1,500
<b>Oman</b>	200	0	0	500	0	0	700
<b>Qatar</b>	0	0	0	200	0	0	200
<b>Saudi Arabia</b>	5,900	0	700	3,300	300	0	10,200
<b>UAE</b>	2,000	300	100	600	300	0	3,300
<b>Yemen</b>	0	100	0	0	200	100	400
<b>GCC Total</b>	9,400	400	900	4,600	600	0	15,900

**Notes:** 0=data less than \$50 million or nil. All data are rounded to the nearest \$100 million.

a. Major West European category includes France, United Kingdom, Germany, and Italy totals as an aggregate figure.

Source: Richard F. Grimmett and Paul K. Kerr, *Conventional Arms Transfers to Developing Nations, 2004-2011*, Congressional Research Service, August 24, 2012. pp. 58, 59.  
 “0” represents any value below \$50 million.

**Figure III.3: CRS: The New Arms Order Gap: Iran vs. GCC 2004-2011**

Source: Richard F. Grimmett and Paul K. Kerr, *Conventional Arms Transfers to Developing Nations, 2004-2011*, Congressional Research Service, August 24, 2012. pp. 58 ,59. "0" represents any value below \$50 million.

**Figure III.4: CRS: The New Arms Order Gap: Iran vs. GCC 2004-2011**

Recipient Country	U.S.	Russia	China	Major West European	All Other European	All Others	Total
<b>2004-2007</b>							
<b>Bahrain</b>	400	0	0	100	0	0	500
<b>Iran</b>	0	1,600	300	0	100	100	2,100
<b>Iraq</b>	1,100	100	100	200	600	200	2,300
<b>Kuwait</b>	1,000	0	0	0	0	0	1,000
<b>Oman</b>	100	0	0	2,100	0	0	2,200
<b>Qatar</b>	0	0	0	0	0	100	100
<b>Saudi Arabia</b>	5,000	0	800	16,900	800	100	23,600
<b>UAE</b>	1,400	300	100	1,100	200	0	3,100
<b>Yemen</b>	0	200	0	0	100	100	400

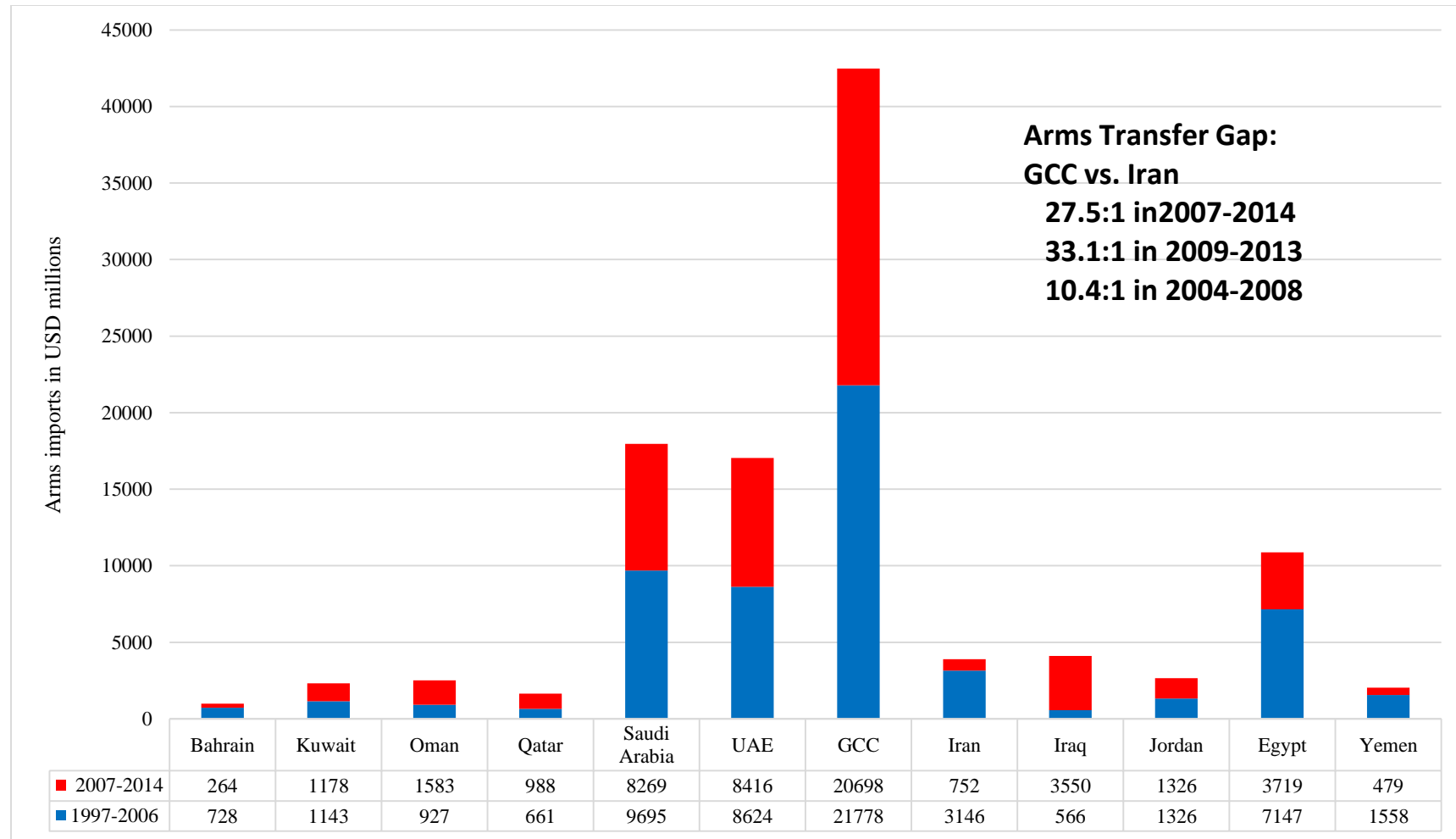
Recipient Country	U.S.	Russia	China	Major West European	All Other European	All Others	Total
<b>2008-2011</b>							
<b>Bahrain</b>	400	0	0	0	0	0	400
<b>Iran</b>	0	100	0	0	100	100	300
<b>Iraq</b>	4,800	300	0	500	900	200	6,700
<b>Kuwait</b>	2,500	700	0	0	0	0	3,200
<b>Oman</b>	1,500	0	0	200	0	0	1,700
<b>Qatar</b>	200	0	0	800	0	0	1,000
<b>Saudi Arabia</b>	45,600	0	0	5,300	1,100	100	52,100
<b>UAE</b>	14,300	100	0	1,600	1,100	100	17,200
<b>Yemen</b>	0	100	0	0	300	100	500

**Notes:** 0=data less than \$50 million or nil. All data are rounded to the nearest \$100 million.

a. Major West European category includes France, United Kingdom, Germany, and Italy totals as an aggregate figure.

Source: Richard F. Grimmett and Paul K. Kerr, *Conventional Arms Transfers to Developing Nations, 2004-2011*, Congressional Research Service, August 24, 2012. pp. 58 ,59. "0" represents any value below \$50 million.



**Figure III.5: Gulf Arms Transfer Agreements in Millions of U.S. Dollars (SIPRI): 1997-2014**

Figures are SIPRI Trend Indicator Values (TIVs) expressed in US\$ millions in constant 1990 US dollars

Source: Graphs Generated using data from: <http://www.sipri.org/databases/armstransfers>

**Figure III.6: SIPRI Estimate of Arms Transfer Agreements: 2004-2008 in \$US Millions**

Recipient Country	U.S.	Russia	China	Major West European*	All Other European	All Others	Total
2004-2008							
Algeria	0	2486	61	44	34	96	2721
Bahrain	94	0	0	60	31	0	185
Egypt	2183	305	179	37	164	252	3120
Iran	0	699	215	0	0	83	997
Iraq	519	190	0	10	269	227	1215
Israel	4565	0	0	81	0	0	4646
Jordan	235	0	8	89	170	81	583
Kuwait	289	0	0	14	89	NA	392
Lebanon	1	0	0	3	0	3	7
Libya	0	39	0	7	0	0	46
Morocco	20	150	289	0	23	NA	482
Oman	531	0	0	56	0	19	606
Qatar	0	0	0	0	0	0	0
Saudi Arabia	1029	0	33	857	72	66	2057
Syria	0	90	20	0	0	346	456
Tunisia	5	0	0	168	0	0	173
U.A.E	3782	0	0	3161	89	50	7082
Yemen	8	478	0	70	110	49	715

Source: <http://www.sipri.org/databases/armstransfers>

Figures are SIPRI Trend Indicator Values (TIVs) expressed in US\$ millions in constant 1990 US dollars

**Figure III.7: SIPRI Estimate of Arms Transfer Agreements 2009-2014 in \$US Millions**

Recipient Country	U.S.	Russia	China	Major West European*	All Other European	All Others	Total
<b>2009-2014</b>							
Algeria	22	4027	86	473	56	5	4669
Bahrain	143	0	0	28	29	14	214
Egypt	1237	911	73	83	286	49	2639
Iran	0	129	281	0	0	0	410
Iraq	1950	512	20	129	200	36	2847
Israel	399	0	0	789	0	14	1202
Jordan	183	224	0	1	429	35	872
Kuwait	691	101	0	49	1	0	842
Lebanon	83	0	0	2	9	80	174
Libya	0	61	0	39	1	12	113
Morocco	1001	0	0	1424	511	508	3444
Oman	543	0	0	615	283	3	1444
Qatar	710	0	0	182	11	4	907
Saudi Arabia	2732	0	33	2852	1551	279	7447
Syria	0	1314	0	0	0	245	1559
Tunisia	90	0	0	0	0	0	90
U.A.E	4039	670	0	942	692	221	6564
Yemen	16	90	0	0	11	255	372
<b>TOTALS</b>	<b>13839</b>	<b>8039</b>	<b>493</b>	<b>7608</b>	<b>4070</b>	<b>1760</b>	<b>35809</b>

Source: <http://www.sipri.org/databases/armstransfers>

Figures are SIPRI Trend Indicator Values (TIVs) expressed in US\$ millions in constant 1990 US dollars

**Figure III.8: CRS Estimate of Major US arms Transfers to Saudi Arabia: October 2010 to October 2014**

Formal Notification Date	System	Recipient Force	Estimated Cost
October 2010	F-15 Sales, Upgrades, Weaponry and Training	RSAF	\$29.400
October 2010	APACHE, BLACKHAWK, AH-6i, and MD-530F Helicopters	SANG	\$25.600
October 2010	APACHE Longbow Helicopters	RSLF \$	3.300
October 2010	APACHE Longbow Helicopters	Royal Guard	\$2.200
November 2010	JAVELIN Missiles and Launch Units	—	\$0.071
May 2011	Night Vision and Thermal Weapons Sights	RSLF	\$0.330
June 2011	CBU-105D/B Sensor Fuzed Weapons	RSAF	\$0.355
June 2011	Light Armored Vehicles	—	\$0.263
June 2011	Light Armored Vehicles	SANG	\$0.350
September 2011	Howitzers, Fire Finder Radar, Ammunition, HMMWVs	—	\$0.886
October 2011	Up-Armored HMMWVs	RSLF	\$0.033
December 2011	PATRIOT Systems Engineering Services	—	\$0.120
August 2012	RSAF Follow-on Support	RSAF	\$0.850
August 2012	Link-16 Systems and ISR Equipment and Training	RSAF	\$0.257
November 2012	C-130J-30 Aircraft and KC-130J Air Refueling Aircraft	RSAF	\$6.700
November 2012	RSLF Parts, Equipment, and Support	RSLF	\$0.300
November 2012	PATRIOT (PAC-2) Missiles Recertification	RSADF	\$0.130
June 2013	SANG Modernization Program Extension	SANG	\$4.000
July 2013	Mark V Patrol Boats	RSNF	\$1.200
August 2013	RSAF Follow-on Support	RSAF	\$1.200
October 2013	U.S. Military Training Mission (USMTM) Program Support Services	MOD	\$0.090
October 2013	SLAM-ER, JSOW, Harpoon Block II, GBU-39/B Munitions	RSAF	\$6.800
November 2013	C4I System Upgrades and Maintenance	RSNF	\$1.100
December 2013	TOW 2A and 2B Missiles	RSLF	\$0.170
December 2013	TOW 2A and 2B RF Missiles	SANG	\$0.900
April 2014	Facilities Security Forces- Training and Advisory Group (FSF-TAG) Support Services	MOI	\$0.080
August 2014	AWACS Modernization	RSAF	\$2.000
October 2014	Patriot Air Defense System with PAC-3 enhancement —		\$1.750
		<b>Total</b>	<b>\$90.435</b>

**Source:** U.S. Defense Security Cooperation Agency (DSCA).

**Notes:** Includes proposed sales to Royal Saudi Air Force (RSAF), Saudi Arabian National Guard (SANG), Royal Saudi Land Forces (RSLF), Royal Guard, Royal Saudi Air Defense Force (RSADF), Royal Saudi Naval Forces (RSNF), Ministry of Interior (MOI), and Ministry of Defense (MOD). Dashes indicate unspecified recipient force in DSCA public notice

Source: Christopher M. Blanchard, "Saudi Arabia: Background and U.S. Relations," Congressional Research Service, RL33533, January 23, 2015, p. 10.

**Figure III.9: Defense Security Assistance Agency Report on Major Arms Sales to Arab Gulf States: 2000-2013 and Totals from 1950 to 2013**

**Bahrain (In Current \$US Thousands)**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	108,743	338,258	108,743	338,215	-	43	-	-	-	342
02	86,219	83,666	86,219	83,665	-	*	28,500	-	-	11
03	102,723	90,051	102,723	90,051	-	-	90,000	-	-	246
04	69,048	87,964	69,048	87,964	-	-	24,682	-	-	2,139
05	26,242	63,237	26,242	63,237	-	-	18,847	-	-	921,775
06	88,013	54,697	88,013	54,697	-	-	15,593	-	-	871,438
07	203,022	84,074	203,022	84,074	-	-	14,998	-	-	7,352
08	75,649	42,090	75,649	42,090	-	-	3,968	-	-	618,122
09	94,593	100,886	94,593	100,886	-	-	8,000	-	-	-
10	87,753	110,998	87,753	110,998	-	-	19,000	-	-	-
11	104,353	50,729	104,353	50,729	-	-	15,461	-	-	-
12	25,589	98,108	25,589	98,108	-	-	10,000	-	-	-
13	60,053	70,396	60,053	70,396	-	-	12,575	-	-	-
TOTAL	2,843,700	2,436,543	2,822,584	2,415,427	21,116	21,116	263,124	-	-	2,450,091

**Egypt**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	1,541,433	924,129	1,482,227	875,187	59,205	48,942	1,297,140	-	-	923
02	979,521	1,743,200	946,325	1,699,829	33,197	43,371	1,300,000	-	-	42
03	880,957	1,173,838	869,810	1,077,929	11,147	95,909	1,291,550	-	-	15,061
04	2,256,886	1,581,586	2,202,127	1,511,879	54,758	69,707	1,292,330	-	-	166,813
05	1,064,324	1,453,958	1,022,980	1,421,140	41,344	32,818	1,289,600	-	-	340,532
06	370,326	1,227,636	358,757	1,194,219	11,570	33,417	1,287,000	-	-	327,145
07	469,774	1,226,374	441,090	1,210,794	28,684	15,579	1,300,000	-	-	29,505
08	2,158,041	885,705	2,116,755	856,017	41,286	29,688	1,289,470	-	-	121,485
09	1,752,881	924,194	1,600,656	877,546	152,225	46,648	1,300,000	-	-	-
10	2,622,197	957,205	2,415,647	880,121	206,550	77,084	1,300,000	-	-	-
11	419,132	942,263	406,089	878,488	13,042	63,775	1,297,400	-	-	-
12	1,432,089	846,230	1,422,483	742,451	9,606	103,780	1,300,000	-	-	-
13	308,539	1,582,586	299,940	1,441,463	8,599	141,123	1,234,259	-	-	-
TOTAL	38,964,294	32,593,049	36,962,461	30,848,107	2,001,832	1,744,941	38,482,259	-	4,550,000	2,038,986

**Iraq**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	-	-	-	-	-	-	-	-	-	-
02	-	-	-	-	-	-	-	-	-	-
03	-	-	-	-	-	-	-	-	-	-
04	-	-	-	-	-	-	-	-	-	32,123
05	80,724	-	80,724	-	-	-	-	-	-	1,682,926
06	-	2,196	-	2,196	-	-	-	-	-	1,673,519
07	1,275,023	174,844	1,034,751	174,844	240,273	-	-	-	-	103,358
08	2,368,257	684,765	2,321,777	683,419	46,480	1,346	-	-	-	2,830,786
09	1,121,474	720,885	932,467	692,391	189,007	28,495	-	-	-	-
10	830,740	422,862	793,004	374,432	37,736	48,430	-	-	-	-
11	1,851,025	766,810	1,809,117	515,060	41,908	251,750	-	-	-	-
12	1,630,840	619,018	1,520,840	568,196	110,000	50,822	850,000	-	-	-
13	2,537,046	527,864	2,419,568	450,364	117,477	77,500	37,291	-	-	-
<b>TOTAL</b>	<b>11,708,281</b>	<b>3,932,396</b>	<b>10,925,401</b>	<b>3,474,053</b>	<b>782,881</b>	<b>458,344</b>	<b>887,291</b>	<b>-</b>	<b>-</b>	<b>6,327,336</b>

**Jordan (In Current \$US Thousands)**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	98,967	80,428	98,967	80,428	-	-	74,835	-	-	53
02	101,673	67,016	101,673	67,016	-	-	100,000	-	-	24
03	171,777	69,434	171,777	69,434	-	-	604,000	-	-	707
04	444,317	104,263	444,317	104,263	-	-	204,785	-	-	19,794
05	112,699	140,323	112,699	140,323	-	-	304,352	-	-	88,369
06	218,462	106,316	119,640	102,199	98,822	4,117	207,900	-	-	72,667
07	190,035	203,660	190,035	169,750	-	33,910	207,900	-	-	17,938
08	238,928	305,695	223,996	258,438	14,933	47,257	298,380	-	-	83,658
09	386,908	181,602	367,038	169,023	19,870	12,580	235,000	-	-	-
10	476,164	173,062	474,589	169,826	1,575	3,236	300,000	-	-	-
11	205,333	211,869	205,333	208,623	-	3,246	299,400	-	-	-
12	369,610	376,607	366,462	363,726	3,148	12,880	300,000	-	-	-
13	308,518	339,092	308,518	328,568	-	10,524	284,829	-	-	-
<b>TOTAL</b>	<b>5,524,934</b>	<b>4,391,412</b>	<b>5,385,601</b>	<b>4,262,677</b>	<b>139,333</b>	<b>128,735</b>	<b>3,965,635</b>	<b>227,048</b>	<b>650,637</b>	<b>637,127</b>

**Kuwait (In Current \$US Thousands)**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	276,414	501,943	276,414	501,879	-	64	-	-	-	82
02	989,645	130,746	972,645	130,746	17,000	*	-	-	-	68
03	311,756	143,414	308,473	143,407	3,283	7	-	-	-	9,360
04	110,572	209,226	110,572	209,226	-	-	-	-	-	63,773
05	94,000	290,923	94,000	277,514	-	13,409	-	-	-	586,570
06	572,570	544,814	572,570	541,580	-	3,234	-	-	-	1,609,209
07	80,521	455,044	80,521	455,044	-	-	-	-	-	32,664
08	514,386	245,287	514,386	245,287	-	-	-	-	-	1,474,238
09	318,394	252,288	299,126	252,184	19,268	104	-	-	-	-
10	1,178,027	242,067	1,070,233	236,177	107,794	5,890	-	-	-	-
11	438,841	433,642	414,757	416,779	24,085	16,863	-	-	-	-
12	178,758	262,494	178,758	235,975	-	26,520	-	-	-	-
13	1,272,172	312,964	1,272,172	301,210	-	11,754	-	-	-	-
<b>TOTAL</b>	<b>13,923,228</b>	<b>10,551,717</b>	<b>13,590,257</b>	<b>10,325,761</b>	<b>332,971</b>	<b>225,955</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,885,540</b>

**Oman (In Current \$US Thousands)**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	3,292	3,744	3,292	3,744	-	-	-	-	-	176
02	740,676	1,587	740,676	1,587	-	-	25,000	-	-	2
03	9,327	16,512	9,327	16,512	-	-	81,000	-	-	839
04	103,086	27,136	101,577	27,136	1,509	-	24,850	-	-	48,618
05	44,319	91,382	43,697	91,382	623	-	19,840	-	-	7,498
06	17,221	432,398	17,221	432,287	-	110	13,860	-	-	208,737
07	38,609	104,148	38,609	104,037	-	111	13,494	-	-	5,790
08	32,391	57,316	28,023	57,172	4,368	144	4,712	-	-	15,767
09	91,839	42,987	91,839	42,986	-	*	7,000	-	-	-
10	11,529	34,404	11,529	29,981	-	4,423	8,847	-	-	-
11	135,055	36,133	135,055	36,133	-	-	13,000	-	-	-
12	1,466,153	48,901	1,466,153	48,901	-	-	8,000	-	-	-
13	651,274	58,354	651,274	58,354	-	-	7,595	-	-	-
<b>TOTAL</b>	<b>3,538,422</b>	<b>1,138,481</b>	<b>3,530,411</b>	<b>1,132,181</b>	<b>8,011</b>	<b>6,300</b>	<b>231,698</b>	<b>49,140</b>	<b>150,000</b>	<b>336,819</b>

**Qatar (In Current \$US Thousands)**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	3	788	3	788	-	-	-	-	-	-
02	1,176	827	1,176	827	-	-	-	-	-	-
03	6,000	1,024	6,000	1,024	-	-	-	-	-	219
04	3,000	329	3,000	329	-	-	-	-	-	1,612
05	18	354	18	354	-	-	-	-	-	262,079
06	-	464	-	464	-	-	-	-	-	328,409
07	26	792	26	792	-	-	-	-	-	10,277
08	17,352	1,123	17,352	1,123	-	-	-	-	-	876,465
09	186,920	4,009	186,920	4,009	-	-	-	-	-	-
10	17,741	14,002	17,741	14,002	-	-	-	-	-	-
11	1,179	17,108	1,179	17,108	-	-	-	-	-	-
12	44,382	26,796	44,382	26,796	-	-	-	-	-	-
13	-	41,248	-	41,248	-	-	-	-	-	-
TOTAL	286,080	115,627	286,080	115,627	-	-	-	-	-	1,505,737

**Saudi Arabia – Ministry of Defense (In Current \$US Thousands)**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	656,423	1,797,089	656,423	1,682,374	-	114,715	-	-	-	1,028
02	884,346	1,263,524	884,346	1,172,667	-	90,857	-	-	-	530
03	674,276	953,731	647,224	897,082	27,052	56,649	-	-	-	36,150
04	1,838,532	1,118,902	1,785,399	1,098,855	53,133	20,047	-	-	-	45,709
05	708,164	871,665	708,164	839,922	-	31,743	-	-	-	85,352
06	812,356	984,216	812,356	930,084	-	54,132	-	-	-	124,840
07	1,667,559	1,045,145	1,612,391	1,007,778	55,168	37,367	-	-	-	38,205
08	6,235,582	911,143	6,235,582	894,590	-	16,553	-	-	-	232,082
09	3,242,159	1,747,945	2,808,633	1,713,686	433,526	34,259	-	-	-	-
10	2,408,009	1,679,258	2,018,799	1,587,114	389,210	92,143	-	-	-	-
11	3,608,726	1,520,495	3,358,726	1,405,193	250,000	115,302	-	-	-	-
12	35,093,955	1,656,898	34,683,230	1,551,132	410,725	105,767	-	-	-	-
13	2,863,204	3,660,892	2,863,204	3,496,996	-	163,896	-	-	-	-
TOTAL	141,236,824	92,619,553	122,211,291	74,908,022	19,025,533	17,711,531	-	65,222	188,945	2,627,522



**Saudi Arabia – Ministry of Interior (In Current \$US Thousands)**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	-	-	-	-	-	-	-	-	-	-
02	-	-	-	-	-	-	-	-	-	-
03	-	-	-	-	-	-	-	-	-	-
04	-	-	-	-	-	-	-	-	-	-
05	-	-	-	-	-	-	-	-	-	-
06	-	-	-	-	-	-	-	-	-	-
07	-	-	-	-	-	-	-	-	-	-
08	-	-	-	-	-	-	-	-	-	-
09	11,782	-	11,782	-	-	-	-	-	-	-
10	-	4,048	-	4,048	-	-	-	-	-	-
11	50,109	8,285	50,109	8,285	-	-	-	-	-	-
12	7,015	12,548	7,015	12,548	-	-	-	-	-	-
13	46,000	12,927	46,000	12,927	-	-	-	-	-	-
<b>TOTAL</b>	<b>114,906</b>	<b>37,808</b>	<b>114,906</b>	<b>37,808</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**UAE (In Current \$US Thousands)**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	154,653	15,505	154,653	15,505	-	-	-	-	-	3,608
02	183,135	53,146	183,135	53,146	-	-	-	-	-	3,979
03	124,637	84,118	124,637	84,118	-	-	-	-	-	20,535
04	157,453	153,672	157,453	153,672	-	-	-	-	-	360,820
05	26,556	149,194	26,556	149,194	-	-	-	-	-	1,041,638
06	766,526	191,526	766,526	191,526	-	-	-	-	-	1,464,928
07	1,602,406	61,989	1,602,406	61,989	-	-	-	-	-	451,112
08	617,335	82,612	617,335	82,612	-	-	-	-	-	1,034,029
09	7,508,697	118,695	7,508,670	118,694	27	1	-	-	-	-
10	502,101	583,712	502,101	583,689	-	23	-	-	-	-
11	1,520,230	638,829	1,520,230	638,829	-	-	-	-	-	-
12	3,763,846	1,357,038	3,763,846	1,357,038	-	-	-	-	-	-
13	1,966,952	771,221	1,966,952	771,221	-	-	-	-	-	-
<b>TOTAL</b>	<b>19,157,521</b>	<b>4,263,907</b>	<b>19,157,494</b>	<b>4,263,883</b>	<b>27</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,384,574</b>

**Yemen (In Current \$US Thousands)**

YEAR	TOTAL SALES AGREEMENTS	TOTAL SALES DELIVERIES	FMS AGREEMENTS	FMS DELIVERIES	FMCS AGREEMENTS	FMCS DELIVERIES	FOREIGN MIL FIN WAIVED	FOREIGN MIL FIN DIRECT	FOREIGN MIL FIN GUARANTY	COMMERCIAL EXPORTS DELIVERIES
01	839	54	839	54	-	-	-	-	-	-
02	17	307	17	307	-	-	20,000	-	-	1
03	11,890	271	11,890	271	-	-	1,900	-	-	45
04	3,684	416	3,684	416	-	-	14,910	-	-	1,842
05	12,907	3,725	12,907	3,725	-	-	10,420	-	-	2,311
06	3,178	8,390	3,178	8,390	-	-	8,415	-	-	1,155
07	12,106	7,385	9,374	7,364	2,732	21	9,725	-	-	4,021
08	10,475	7,784	10,475	7,655	-	129	3,952	-	-	99
09	2,504	2,892	2,504	2,867	-	25	2,800	-	-	-
10	7,278	5,566	6,486	5,501	791	65	12,500	-	-	-
11	3,310	5,167	1,345	4,797	1,965	370	19,960	-	-	-
12	9,138	3,961	9,138	3,922	-	39	20,000	-	-	-
13	2,591	7,158	2,591	6,494	-	663	18,989	-	-	-
<b>TOTAL</b>	<b>402,447</b>	<b>374,922</b>	<b>396,957</b>	<b>373,609</b>	<b>5,490</b>	<b>1,313</b>	<b>143,571</b>	<b>-</b>	<b>12,257</b>	<b>12,513</b>

Source: DCSA Fiscal Year Series, [http://www.dsca.mil/sites/default/files/fiscal\\_year\\_series\\_-\\_30\\_september\\_2013.pdf](http://www.dsca.mil/sites/default/files/fiscal_year_series_-_30_september_2013.pdf)

**Figure III.10: Proposed Major US Arms Sales to the GCC States and Iraq: 2002-2013 By Weapon and Arms Transfer (Information Adapted from Releases from the Defense Security Cooperation Agency)**

**Bahrain**

- **Sept. 14, 2011** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of Bahrain for Armored High Mobility Multi-Purpose Wheeled Vehicles, TOW Missiles and associated equipment, parts, training and logistical support worth an estimated \$53 million.

The Government of Bahrain has requested a possible sale of 44 M1152A1B2 Armored High Mobility Multi- Purpose Wheeled Vehicles (HMMWVs), 200 BGM-71E-4B-RF Radio Frequency (RF) Tube-Launched Optically-Tracked Wire-Guided Missiles (TOW-2A), 7 Fly-to-Buy RF TOW-2A Missiles, 40 BGM-71F-3-RF TOW-2B Aero Missiles, 7 Fly-to-Buy RF TOW-2B Aero Missiles, 50 BGM-71H-1RF Bunker Buster Missiles (TOW-2A), 7 Fly-to-Buy RF Bunker Buster Missiles (TOW-2A), 48 TOW-2 Launchers, AN/UAS-12A Night Sight Sets, spare and repair parts, support and test equipment, publications and technical documentation, personnel training and training equipment, US Government and contractor engineering, technical and logistics support services, and other related elements of logistical and program support.

- **Nov. 4, 2010** – The Defense Security Cooperation Agency notified Congress November 3 of a possible Foreign Military Sale to Bahrain of 30 Army Tactical Missile Systems (ATACMS) T2K Unitary Missiles and associated parts, equipment, training and logistical support for a complete package worth approximately \$70 million.

The Government of Bahrain has requested a possible sale of 30 Army Tactical Missile Systems (ATACMS) T2K Unitary Missiles, Missile Common Test Device software, ATACMS Quality Assurance Team support, publications and technical documentation, training, US government and contractor technical and engineering support, and other related elements of program support.

- **July 28, 2009** – On July 27, the Defense Security Cooperation Agency notified Congress of a possible foreign military sale to the Government of Bahrain of 25 AIM-120C-7 Advanced Medium Range Air-to-Air Missiles (AMRAAM) and associated equipment, parts and services at an estimated cost of \$74 million.
- **Aug. 3, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Bahrain of Bell 412 Air Search and Recovery Helicopters as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$160 million.
- **July 28, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Bahrain of UH-60M Black Hawk helicopters as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$252 million.  
The Government of Bahrain has requested a possible sale of nine (9) UH-60M Black Hawk helicopters, two (2) T700-GE-701D turbine engines, spare and repair parts, publications and technical data, support equipment, personnel training and training equipment, contractor engineering, logistics, and technical support services, a Quality Assurance Team, aircraft survivability equipment, tools and test equipment, and other related elements of logistics support.
- **July 21, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Bahrain of JAVELIN missiles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$42 million.  
The Government of Bahrain has requested a possible sale of 180 JAVELIN missile rounds and 60 JAVELIN command launch units, simulators, trainers, support equipment, spare and repair parts, publications and technical data, personnel training and equipment, US Government and contractor engineering

and logistics personnel services, Quality Assurance Team services, and other related elements of logistics support.

- **July 21, 2005** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Government of Bahrain of continuing logistics support services/equipment for the F-16 aircraft and related components as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$150 million.

The Government of Bahrain has requested a possible sale of continuing logistics support services/equipment for the F-16 aircraft, ALR-69 radar warning receiver, ALQ-131 electric countermeasure pods, radar systems, and engines. The possible sale also includes support equipment, aircraft engine services/modification, repair/return services; depot level repair support; precision measurement equipment laboratory calibration, spare and repair parts, support equipment, supply support; personnel training and training equipment, publications and technical data, contractor technical services and other related elements of logistics support and to ensure aircraft operational availability.

- **Sept. 3, 2003** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Bahrain of an AN/AAQ-24(V) NEMESIS Directional Infrared Countermeasures System as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$61 million.

The Government of Bahrain has requested a possible sale of one AN/AAQ-24(V) NEMESIS Directional Infrared Countermeasures System which consists of three small laser turret assemblies, six missile warning sensors, one system processor, one control indicator unit, two signal repeaters, included associated support equipment, spare and repair parts, publications, personnel training and training equipment, technical assistance, contractor technical and logistics personnel services and other related elements of program support.

- **June 26, 2002** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Bahrain of a 3 dimensional radar and associated equipment and services. The total value, if all options are exercised, could be as high as \$40 Million.

The Government of Bahrain has requested a possible sale of one AN/TPS-59(V)3 3-dimensional land based radar, one Air Defense Communication Platform, spare and repair parts, publications, personnel training and training equipment, technical assistance, contractor technical and logistics personnel services and other related elements of program support.

## Iraq

- **Dec. 19, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for M1151A1 Up-Armored High Mobility Multi-Purpose Wheeled Vehicles and associated equipment, parts and logistical support for an estimated cost of \$579 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale today.

The Government of Iraq has requested a possible sale of 1000 M1151A1 Up-Armored High Mobility Multi-Purpose Wheeled Vehicles (HMMWVs), 1000 M2 .50 caliber machine guns, and 1000 MK-19 40mm grenade launchers with universal mounts, commercial radios, communication equipment, repair and spare parts, publications and technical documentation, tools and test equipment, personnel training and training equipment, U.S. Government and contractor logistics and technical support services, and other related elements of logistics support. The estimated cost is \$579 million.

- **Dec. 19, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for M1A1 Abrams tanks and associated equipment, parts and logistical support for an estimated cost of \$2.4 billion. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale today.

The Government of Iraq has requested a possible sale of 175 Full Track M1A1 Abrams Tanks with 120mm Gun modified and upgraded to the M1A1 Abrams configuration, 15 M88A2 Improved Tank Recovery Vehicles, 175 .50 Caliber M2 Machine Guns with Chrysler Mount, 350 7.62mm M240

Machine Guns, 10 .50 Caliber BR M2 HB Machine Guns, 10,000 M831A1 120mm High Explosive Anti-tank TP-T Ammunition, 25,000 M865 120mm TPCSDS-T Ammunition, 10,000 M830A1 120mm High Explosive Anti-tank Multipurpose Tracer Ammunition, 10,000 M1002 120mm Target Practice Multipurpose Tracer (TPMP-T) Ammunition, and 190 AN/VRC-92 Vehicular Dual Long-Range Radio Systems, 700 M1028 Commercial Utility Cargo Vehicles, Radios, Receiver Transmitters (RT-1702G), installation, ammunition, simulators, communication equipment, support equipment, fuel, transportation, spare and repair parts, site surveys, Quality Assurance Teams, special tools and test equipment, personnel training and training equipment, publications and technical documentation, U.S. Government and contractor technical, engineering, and logistical support services, and other related elements of program and logistics support. The estimated cost is \$2.4 billion.

- **Nov. 26, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for C-130E/J sustainment and associated equipment, parts, training and logistical support for an estimated cost of \$800 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale today.

The Government of Iraq has requested a possible sale for a five-year sustainment package for the C-130E/J fleet that includes operational, intermediate, and depot level maintenance, spare and repair parts, support equipment, repair and return, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor logistics support services, and other related elements of logistics and program support. The estimated cost is \$800 million.

- **Nov. 12, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for a Foreign Military Sales Order II (FMSO II) to provide funds for blanket order requisitions, under a Cooperative Logistics Supply Agreement (CLSSA) and associated equipment, parts and logistical support for an estimated cost of \$600 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale today.

The Government of Iraq has requested a Foreign Military Sales Order II (FMSO II) to provide funds for blanket order requisitions, under a Cooperative Logistics Supply Agreement (CLSSA) for spare parts to support M1A1 Battle Tanks, M1070 Heavy Equipment Tactical Trucks, M88A1/2 Tank Recovery Vehicles, M113 Vehicles, M198 Towed Howitzers, M109A5 Self Propelled Howitzers, High Mobility Multi-Purpose Wheeled Vehicles (HMMWV), Heavy Expanded Mobility Tactical Trucks (HEMTT), heavy and light machine guns, common repair sets, and additional authorized items with associated equipment and services. The estimated cost is \$600 million.

- **Nov. 12, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for Advanced Precision Kill Weapon Systems (APKWS) and associated equipment, parts and logistical support for an estimated cost of \$97 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale today.

The Government of Iraq has requested a possible sale of up to 2,000 Advanced Precision Kill Weapon Systems (APKWS), weapon and test support equipment, spare and repair parts, publications and technical documentation, personnel training and training equipment, transportation, U.S. Government and contractor engineering, technical and logistics support services, and other related elements of logistical and program support. The estimated cost is \$97 million.

- **Oct. 20, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for M1A1 Abrams tank ammunition and associated equipment, parts and logistical support for an estimated cost of \$600 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale today.

The Government of Iraq has requested a possible sale of 10,000 M831 120mm High-explosive anti-tank (HEAT) munitions, 10,000 M865 120mm Kinetic Energy Warheads (KEW), 10,000 M865 120mm KEW-A1, and 16,000 M830 120mm HEAT-MP-T tank ammunition. Also included are U.S. Government and contractor technical and logistics support services, and other related elements of logistical and program support. The estimated cost is \$600 million.

- **July 29, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for AGM-114K/N/R Hellfire missiles and associated equipment, parts, training and logistical support for an estimated cost of \$700 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale on July 28, 2014.

The Government of Iraq has requested a possible sale of 5000 AGM-114K/N/R Hellfire missiles, Hellfire missile conversion, blast fragmentation sleeves and installation kits, containers, transportation, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, U.S. Government and contractor technical, engineering, and logistics support services, and other related elements of logistics and program support. The estimated cost is \$700 million.

- **July 29, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for aviation sustainment support, on-the-job maintenance training and maintenance advice and associated equipment, parts, training and logistical support for an estimated cost of \$500 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale on July 28, 2014.

The Government of Iraq has requested a possible sale to establish five years of contractor logistics support for its Bell 407, OH-58, and Huey II aircraft in support of the Iraq Aviation Command. This support will include maintenance support, personnel training and training equipment, publications and technical documentation, site surveys, life support costs, Quality Assurance Teams, U.S. Government and contractor technical, logistics, and engineering support services, and other related elements of logistics support. The estimated cost is \$500 million.

- **May 13, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for AT-6C Texan II aircraft and associated equipment, parts, training and logistical support for an estimated cost of \$790 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale on May 13, 2014.

The Government of Iraq has requested a possible sale of 24 AT-6C Texan II Aircraft, 2 spare PT-6A-68 Turboprop engines, 2 spare ALE-47 Counter-Measure Dispensing Systems and/or 2 spare AAR-47 Missile Launch Detection Systems, non-SAASM global positioning systems with CMA-4124, spare and repair parts, maintenance, support equipment, publications and technical documentation, tanker support, ferry services, personnel training and training equipment, U.S. Government and contractor engineering and logistics support services, and other related elements of logistics support. The estimated cost is \$790 million.

- **May 13, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for Aerostats and Rapid Aerostat Initial Deployment tower systems and associated equipment, parts, training and logistical support for an estimated cost of \$90 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale on May 13, 2014.

The Government of Iraq has requested a possible sale of 7 Aerostats (17 meter) and 14 Rapid Aerostat Initial Deployment (RAID) Tower Systems, installation, spare and repair parts, support equipment, publications and technical data, site surveys, U.S. government and contractor technical assistance, personnel training and training equipment, and other related elements of program and logistics support. The estimated cost is \$90 million.

- **May 13, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Iraq for M1151A1 Up-Armored High Mobility Multi-Purpose Wheeled Vehicles (HMMWVs) and associated equipment, parts, training and logistical support for an estimated cost of \$101 million.

The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale on May 13, 2014. The Government of Iraq has requested a possible sale of 200 M1151A1 Up-Armored High Mobility Multi-Purpose Wheeled Vehicles (HMMWVs) with M2 .50 cal. machine gun mounts, commercial radios, communication equipment, repair and spare parts, publications and technical documentation, tools and test equipment, personnel training and training equipment, U.S. Government and contractor logistics and technical support services, and other related elements

of logistics support. The estimated cost is \$101 million.

- **Feb. 4, 2014** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq for Air Traffic Control and Landing Systems and associated equipment, parts, training and logistical support for an estimated cost of \$700 million.

The Government of Iraq has requested a proposed sale of commercially available FAA Air Traffic Control (ATC) Equipment Suite and Airfield Navigational Aids Suites to be installed at four bases (Tikrit, Al Basra, Al Kut, and Taji). The ATC Equipment Suite includes 4 ASR-11 Airport Surveillance Radars, 10 ATC Automation system with 10 controller consoles, 4 AutoTrac II Airfield Support and Navigation Suites, 2 Primary Search Radars and 2 Mono-pulse secondary surveillance radars. The Airfield Navigation Aids Suite includes 2 Very High Frequency Omni-directional Range (VORTAC) and 3 Instrument Landing Systems with Distance Measuring Equipment, 2 Airfield Lighting Systems with Flush Mounted Lights for the runway and taxiways, Air Traffic Control Tower Equipment Suite. Also provided are site surveys, system integration, installation, testing, repair and return, facilities, warranties, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, U.S. Government and contractor engineering and logistics support services, and other related elements of logistics and program support. The estimated cost is \$700 million.

- **Jan. 27, 2014** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq for AH-64E APACHE LONGBOW Attack Helicopters and associated equipment, parts, training and logistical support for an estimated cost of \$4.8 billion.

Government of Iraq has requested a possible sale of 24 AH-64E APACHE LONGBOW Attack Helicopters, 56 T700-GE-701D Engines, 27 AN/ASQ-170 Modernized Target Acquisition and Designation Sight, 27 AN/AAR-11 Modernized Pilot Night Vision Sensors, 12 AN/APG-78 Fire Control Radars with Radar Electronics Unit (LONGBOW component), 28 AN/AAR-57(V)7 Common Missile Warning Systems, 28 AN/AVR-2B Laser Detecting Sets, 28 AN/APR-39A(V)4 or APR-39C(V)2 Radar Signal Detecting Sets, 28 AN/ALQ-136A(V)5 Radar Jammers, 52 AN/AVS-6, 90 Apache Aviator Integrated Helmets, 60 HELLFIRE Missile Launchers, and 480 AGM-114R HELLFIRE Missiles. Also included are AN/APR-48 Modernized Radar Frequency Interferometers, AN/APX-117 Identification Friend-or-Foe Transponders, Embedded Global Positioning Systems with Inertial Navigation with Multi Mode Receiver, MXF-4027 UHF/VHF Radios, 30mm Automatic Chain Guns, Aircraft Ground Power Units, 2.75 in Hydra Rockets, 30mm rounds, M211 and M212 Advanced Infrared Countermeasure Munitions flares, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, site surveys, U.S. government and contractor engineering, technical, and logistics support services, design and construction, and other related elements of logistics support. The estimated cost is \$4.8 billion.

- **Jan. 27, 2014** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq for support for APACHE lease and associated equipment, parts, training and logistical support for an estimated cost of \$1.37 billion.

The Government of Iraq has requested a possible sale of 8 AN/AAR-57 Common Missile Warning System, 3 T-700-GE-701D engines, 3 AN/ASQ-170 Modernized Target Acquisition and Designation Sight (MTADS), 3 AN/AAQ-11 Modernized Pilot Night Vision Sensors (PNVS), 152 AGM-114 K-A HELLFIRE Missiles, 14 HELLFIRE M299 Launchers, 6 AN/APR-39A(V)4 Radar Warning Systems with training Universal Data Modems (UDM), 2 Embedded Global Positioning System Inertial Navigation System (EGI), 6 AN/AVR-2A/B Laser Warning Detectors, 12 M261 2.75 inch Rocket Launchers, M206 Infrared Countermeasure flares, M211 and M212 Advanced Infrared Countermeasure Munitions (AIRCM) flares, Internal Auxiliary Fuel Systems (IAFS), Aviator's Night Vision Goggles, Aviation Mission Planning System, training ammunition, helmets, transportation, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, site surveys, U.S. Government and contractor technical assistance, and other related elements of program and logistics support. The estimated cost is \$1.37 billion.

- **Jan 23, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq for AGM-114K/R Hellfire Missiles and associated equipment, parts, training and logistical support for an estimated cost of \$82 million.

The Government of Iraq has requested a possible sale of 500 AGM-114K/R Hellfire missiles, Hellfire missile conversion, blast fragmentation sleeves, and installation kits, containers, transportation, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, U.S. Government and contractor technical, engineering, and logistics support services, and other related elements of logistics and program support. The estimated cost is \$82 million.

- **Aug. 5, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq of an Integrated Air Defense System and associated equipment, parts, training and logistical support for an estimated cost of \$2.403 billion.

The Government of Iraq has requested a possible sale of 40 AVENGER Fire Units, 681 STINGER Reprogrammable Micro-Processor (RMP) Block I 92H Missiles, 13 AN/MPQ-64F1 SENTINEL Radars, 7 AN/YSQ-184D Forward Area Air Defense Command, Control, and Intelligence (FAAD C2I) Systems, 75 AN/VRC-92E SINCGARS Radios, 3 HAWK XXI Batteries (6 Fire Units) which include 6 Battery Fire Direction Centers, 6 High Powered Illuminator Radars, 216 MIM-23P HAWK Tactical Missiles, 2 Mobile Battalion Operation Centers (BOC), 3 HAWK XXI BOC Air Defense Consoles (ADCs), 1DS/GS Shop 20, 1 DS/GS Shop 21, 1 Mini-Certified Round Assembly Facility (MCRAF), Air Command and Control (C2) systems and surveillance radars for the Integrated Air Defense Systems that includes TPS-77 Long-Range Radars (LRR) and Omnyx-I0 Air Command and Control System, and 10 Medium Range Radars. Also included: Ground Air Transmit Receive Ultra High Frequency/Very High Frequency radio capability, facilities and construction for one (1) underground Air Defense Operations Center and two (2) Air Defense Sector Operations Centers, spare and repair parts, repair and return, software support, systems integration, long haul communication technical integration, communications equipment, support equipment and sustainment, tools and test equipment, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor representative engineering, technical, and logistics support services, and other related elements of logistics support. The estimated cost is \$2.403 billion.

- **Aug. 5, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq of Mobile Troposcatter Radio Systems and associated equipment, parts, training and logistical support for an estimated cost of \$339 million.

The Government of Iraq has requested a possible sale of 19 Mobile Troposcatter Radio Systems, 10 Mobile Microwave Radio Systems, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, site surveys, U.S. Government and contractor technical assistance, and other related elements of program and logistics support. The estimated cost is \$339 million.

- **July 25, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq of Multi-Platform Maintenance and associated equipment, parts, training and logistical support for an estimated cost of \$750 million.

The Government of Iraq has requested a possible sale to provide for a five year follow-on maintenance support for the M88A1 Recovery Vehicle, M88A2 Hercules, M113 Family of Vehicles, M109A5 Howitzers, M198 Howitzers, M1070 Heavy Equipment Trailer and Truck (HETT), M977 Heavy Expanded Mobility Tactical Truck (HEMTT), High Mobility Multipurpose Wheeled Vehicle (HMMWV), and the Tactical Floating River Bridge System (TFRBS) Including, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, site surveys, Quality Assurance Teams, U.S. Government and contractor technical assistance, and other related elements of program and logistics support. The estimated cost is \$750 million.

- **July 25, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq of 12 Bell 412 EP helicopters and associated equipment, parts, training and logistical support for an estimated cost of \$300 million.

The Government of Iraq has requested a possible sale of 12 Bell 412 EP helicopters equipped with Star SAFIRE III EO/IR systems, PT6T-3DF engines, KDM-706 Distance Measuring Equipment, KNR 634 VOR/LOC with MB/HSI, MST67A Transponder, Artex C406-1HM Emergency Locator Transmitter, Wulfsberg FlexComm II C5000 System with Synthesized Guard, KTR-908 Very High Frequency Radios, NAT AA-95 Audio System, 660



Weather Radar, AAI Radome, Night Vision Imaging System (NVIS) Compatible Cockpit Lighting, SX-16 Nightsun, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, site surveys, U.S. Government and contractor technical assistance, and other related elements of program and logistics support. The estimated cost is \$300 million.

- **July 25, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq of 50 M1135 Stryker Nuclear, Biological, and Chemical Reconnaissance Vehicles and associated equipment, parts, training and logistical support for an estimated cost of \$900 million.

The Government of Iraq has requested a possible sale of 50 M1135 Stryker Nuclear, Biological, and Chemical Reconnaissance Vehicles, DECON 3000 Decontamination Systems, M26 Commercial Joint Service Transportable Decontamination Systems (JSTDS), AN/VRC-89 Single Channel Ground and Airborne Radio Systems (SINCGARS) with Global Positioning System (GPS), AN/VRC-90 SINCGARS with GPS, M40A1 Protective Masks, Lightweight Personal Chemical Detectors LCD-3, Portable Chemical Warfare Agent Detectors GID-3, MultiRAE PLUS Gas Detectors, AN/VDR-2 Radiac Sets, M256 Chemical Agent Detector Kits, Decontamination Kits, Chemical Biological Mask Canisters, M8 Chemical Paper Agent Detector Kits, water canteens, individual clothing and equipment, spare and repair parts, support equipment, communication equipment, publications and technical data, personnel training and training equipment, site surveys, a Quality Assurance Team, U.S. Government and contractor technical assistance, and other related elements of program and logistics support. The estimated cost is \$900 million.

- **Feb. 28, 2013** – The Defense Security Cooperation Agency notified Congress Feb. 27 of a possible Foreign Military Sale to the Government of Iraq for 200 RAPISCAN cargo inspection systems and associated equipment, parts, training and logistical support for an estimated cost of \$600 million.

The Government of Iraq has requested the possible sale of 90 M45 RAPISCAN Mobile Eagle High Energy Mobile System Vehicles, 40 M60 RAPISCAN Mobile Eagle High Energy Mobile System Vehicles, 70 American Science and Engineering brand Z Backscatter Vans.

The Z Backscatter vans will be used to scan vehicle interiors and will provide the Government of Iraq a tool to restrict the ability of insurgent and terrorist groups to operate by detecting contraband movement through borders and checkpoints.

- **Dec. 24, 2012** – The Defense Security Cooperation Agency notified Congress Dec. 21 of a possible Foreign Military Sale to the Government of Iraq for Very Small Aperture Terminal (VSAT) operations and maintenance services and associated equipment, parts, training and logistical support for an estimated cost of \$125 million.

The Government of Iraq has requested a possible sale of Very Small Aperture Terminal (VSAT) operations and maintenance services, equipment installation services, upgrade VSAT managed and leased bandwidth, video teleconferencing equipment, 75 VSAT Equipment Suites (consisting of 1.8m VSAT terminals, block upconverters (BUCs), low-noise down converters (LNBs), required cables and components, iDirect e8350 modem, network operation and dynamic bandwidth equipment, and iMonitor software), spares and repair parts, tools, personnel training and training equipment, publications and technical documentation, U.S. Government and contractor representative technical support services, and other related elements of logistics and program support.

- **Aug. 15, 2012** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of Iraq for commercially available Federal Aviation Administration Air Traffic Control and Landing System/Navigational Aids and associated equipment, parts, training and logistical support at an estimated cost of \$60 million.

The Government of Iraq has requested a proposed sale of commercially available Federal Aviation Administration Air Traffic Control and Landing System/Navigational Aids. The system will include an ASR-11 Radar, Autotrac II simulator, Instrument Landing System, and Airfield Lighting System, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, site survey, installation, US Government and contractor engineering and logistics support services, and other related elements of logistics and program support.

- **July 20, 2012** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of Iraq for 12 FIREFINDER Radars and associated equipment, parts, training and logistical support for an estimated cost of \$428 million.

The Government of Iraq has requested a possible sale of 6 AN/TPQ-36(V)11 FIREFINDER Radar Systems, 6 AN/TPQ-37(V)9 FIREFINDER Radars, 3 Meteorological Measuring Sets, 86 AN/VRC-92 export variant Single Channel Ground and Airborne Radio Systems, 12 Advanced Field Artillery Tactical Data Systems, 3 Improved Position and Azimuth Determining Systems, 63 M1152A1 and 3 M1151A1 High Mobility Multipurpose Wheeled Vehicles, 12 M1083A1 Family of Medium Tactical Utility Vehicles, government furnished equipment, common hardware and software, communication support equipment, tools and test equipment, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, US Government and contractor engineering, logistics, and technical support services, and other related elements of logistics support.

- **Dec. 12, 2011** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of Iraq for 18 F-16IQ aircraft and associated equipment, parts, weapons, training and logistical support for an estimated cost of \$2.3 billion.

The Government of Iraq has requested a possible sale of 18 F-16IQ aircraft, 24 F100PW-229 or F110-GE-129 Increased Performance Engines, 120 LAU-129/A Common Rail Launchers, 24 APG-68(V)9 radar sets, 19 M61 20mm Vulcan Cannons, 100 AIM-9L/M-8/9 SIDEWINDER Missiles, 150 AIM-7M-F1/H SPARROW Missiles, 50 AGM-65D/G/H/K MAVERICK Air to Ground Missiles, 200 GBU-12 PAVEWAY II Laser Guided Bomb Units (500 pound), 50 GBU-10 PAVEWAY II Laser Guided Bomb Units (2000 pound), 50 GBU-24 PAVEWAY III Laser Guided Bomb Units (2000 pound), 22 ALQ-211 Advanced Integrated Defensive Electronic Warfare Suites (AIDEWS), or Advanced Countermeasures Electronic System (ACES) (ACES includes the ALQ-187 Electronic Warfare System and AN/ALR-93 Radar Warning Receiver), 20 AN/APX-113 Advanced Identification Friend or Foe (AIFF) Systems (without Mode IV), 20 Global Positioning Systems (GPS) and Embedded GPS/ Inertial Navigation Systems (INS), (Standard Positioning Service (SPS) commercial code only), 20 AN/AAQ-33 SNIPER or AN/AAQ-28 LITENING Targeting Pods, 4 F-9120 Advanced Airborne Reconnaissance Systems (AARS) or DB-110 Reconnaissance Pods (RECCE), 22 AN/ALE- 47 Countermeasures Dispensing Systems (CMDS), 20 Conformal Fuel Tanks (pairs), 120 Joint Helmet Mounted Cueing Systems (JHMCS), 20 AN/ARC-238 Single Channel Ground and Airborne Radio Systems, 10,000 PGU-27A/B Ammunition, 30,000 PGU-28 Ammunition, 230 MK-84 2000 lb. General Purpose Bombs, and 800 MK-82 500lb General Purpose Bombs. Also included: LAU-117 Maverick Launchers, site survey support equipment, Joint Mission Planning System, Ground Based Flight Simulator, tanker support, ferry services, Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD), repair and return, modification kits, spares and repair parts, construction, publications and technical documentation, personnel training and training equipment, US Government and contractor technical, engineering, and logistics support services, ground based flight simulator, and other related elements of logistics support.

- **June 29, 2011** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of Iraq for follow-on support and maintenance of multiple aircraft systems and associated equipment, parts, training and logistical support for an estimated cost of \$675 million.

The Government of Iraq has requested a possible sale of follow-on support and maintenance of multiple aircraft systems that include TC-208s, Cessna 172s, AC-208s, T-6As, and King Air 350s. Included are ground stations, repair and return, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, US Government and contractor engineering, logistics, and technical support services, and other related elements of logistics support.

- **Oct. 14, 2011** – The Defense Security Cooperation Agency notified Congress Oct 5 of a possible Foreign Military Sale to the Government of Iraq for various explosive projectiles and charges, as well as associated equipment, parts, training and logistical support for an estimated cost of \$82 million.

The Government of Iraq has requested a possible sale of 44,608 M107 155mm High Explosive Projectiles and 9,328 M485A2 155mm Illumination projectiles; also included are, M231 Propelling charges, M232A1 155mm Modular Artillery Charge System Propelling charges, M739 Fuzes, M762A1 Electronic Time Fuzes, M82 Percussion primers, M767A1 Electronic Time Fuzes, 20-foot Intermodal Containers for transporting ammunition,

publications and technical data, personnel training and training equipment, US Government and contractor engineering, logistics, and technical support services, and other related elements of logistics support.

- **May 3, 2011** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of Iraq of various radios and communication equipment, as well as associated equipment, parts, training and logistical support for an estimated cost of \$67 million.

The Government of Iraq has requested a possible sale of (750) 50-Watt Vehicular Multiband Handheld Radio Systems, (900) 5-watt Multiband Handheld Radio Systems, (50) 50-watt Multiband Handheld Base Station Radio Systems, (50) 20-watt High Frequency (HF) Base Station Radio Systems, (100) 5-watt Secure Personal Role Handheld Radio Systems, accessories, installation, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, US Government and contractor engineering and technical support services, and other related elements of logistics support.

- **March 30, 2011** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of Iraq of six AN/TPQ-36(V)10 FIREFINDER Radar Systems, 18 AN/TPQ-48 Light Weight Counter-Mortar Radars and associated equipment, parts, training and logistical support for an estimated cost of \$299 million.

The Government of Iraq has requested a possible sale of 6 AN/TPQ-36(V)10 FIREFINDER Radar Systems, 18 AN/TPQ-48 Light Weight Counter-Mortar Radars, 3 Meteorological Measuring Sets, 36 export variant Single Channel Ground and Airborne Radio Systems, 6 Advanced Field Artillery Tactical Data Systems, 3 Position and Azimuth Determining Systems, government furnished equipment, common hardware and software, communication support equipment, tools and test equipment, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, US Government and contractor engineering, logistics, and technical support services, and other related elements of logistics support.

- **Nov. 30, 2010** – The Defense Security Cooperation Agency notified Congress November 29 of a possible Foreign Military Sale to Iraq of Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C<sup>4</sup>ISR) Systems and associated parts and equipment for a complete package worth approximately \$68 million.

The Government of Iraq has requested a possible sale for Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C<sup>4</sup>ISR) Systems which includes, High Frequency, Ultra High Frequency, and Very High Frequency radios, Automatic Identification System, Surface Scan Radar System, Forward Looking Infrared System, Situational Display System, Mobile and Fixed Towers, Electro-Optical Cameras, Voice Over Internet Protocol, K Under Band Very Small Aperture Terminal upgrades, generators, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, US Government and contractor engineering and technical support services, and other related logistical support.

- **Nov. 30, 2010** – The Defense Security Cooperation Agency notified Congress November 29 of a possible Foreign Military Sale to Iraq of M1A1 Abrams Tank Ammunition for an estimated cost of \$36 million.

The Government of Iraq has requested a possible sale of 14,010 TP-T M831A1 120mm Cartridges, 16,110 TPCSDS-T M865 120mm Cartridges, and 3,510 HEAT-MP-T M830A1 120mm Cartridges.

- **Sept. 24, 2010** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq of contractor technical support of the Iraqi Defense Network and associated parts and equipment for a complete package worth approximately \$98 million.
- **Sept. 24, 2010** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq of contractor logistics support for Mobile Communications Centers and associated parts and equipment for a complete package worth approximately \$57 million.

- **Sept. 15, 2010** – The Defense Security Cooperation Agency notified Congress on September 14, of a possible Foreign Military Sale to Iraq for the refurbishment of 440 M113A2 Armored Personnel Carriers as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$131 million.
- **Sept. 15, 2010** – The Defense Security Cooperation Agency notified Congress on September 13 of a possible Foreign Military Sale to Iraq of 18 F-16IQ Aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$4.2 billion. The Government of Iraq has requested a possible sale of (18) F-16IQ aircraft, (24) F100-PW-229 or F110-GE-129 Increased Performance Engines, (36) LAU-129/A Common Rail Launchers, (24) APG- 68(V)9 radar sets, (19) M61 20mm Vulcan Cannons, (200) AIM-9L/M-8/9 SIDEWINDER Missiles, (150) AIM-7M-F1/H SPARROW Missiles, (50) AGM-65D/G/H/K MAVERICK Air to Ground Missiles, (200) GBU-12 PAVEWAY II Laser Guided Bomb Units (500 pound), (50) GBU-10 PAVEWAY II Laser Guided Bomb Units (2000 pound), (50) GBU-24 PAVEWAY III Laser Guided Bomb Units (2000 pound), (22) Advanced Countermeasures Electronic Systems (ACES) (ACES includes the ALQ-187 Electronic Warfare System and AN/ALR-93 Radar Warning Receiver), (20) AN/APX-113 Advanced Identification Friend or Foe (AIFF) Systems (without Mode IV), (20) Global Positioning Systems (GPS) and Embedded GPS/Inertial Navigation Systems (INS), (Standard Positioning Service (SPS) commercial code only), (20) AN/AAQ-33 SNIPER or AN/AAQ-28 LITENING Targeting Pods, (4) F-9120 Advanced Airborne Reconnaissance Systems (AARS) or DB- 110 Reconnaissance Pods (RECCE), (22) AN/ALE-47 Countermeasures Dispensing Systems (CMDs); (20) Conformal Fuel Tanks (pairs). Also included: site survey, support equipment, tanker support, ferry services, Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD), repair and return, modification kits, spares and repair parts, construction, publications and technical documentation, personnel training and training equipment, US Government and contractor technical, engineering, and logistics support services, ground based flight simulator, and other related elements of logistics support.
- **Aug. 5, 2010** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Iraq of contractor logistics support for various helicopters for an estimated cost of \$152 million. The Government of Iraq has requested a possible sale of two years of contractor logistics support for Mi-17 Helicopters and two years of logistics support for US-origin rotary wing aircraft not in DoD's inventory.
- **March 5, 2010** – The Defense Security Cooperation Agency notified Congress March 4 of a possible Foreign Military Sale to Iraq of various communication equipment, associated parts and logistical support for a complete package worth approximately \$142 million. The Government of Iraq has requested a possible sale of (300) 50-watt Very High Frequency (VHF) Base Station radios, (230) 50-Watt VHF Vehicular Stations, (150) 20-watt High Frequency/Very High Frequency (HF/VHF) Base Station Systems, (50) 20-watt HF/VHF Vehicular Radios, (50) 50-watt Ultra High Frequency/Very High Frequency (UHF/VHF) Base Stations, (10) 150-watt HF/VHF Vehicular Radio Systems, (10) 150-watt HF Base Station Radio Systems, (30) 20-watt HF Vehicular Mobile Radio Stations, (250) 20-watt HF/VHF Handheld Radio Systems, (300) 50-watt UHF/VHF Vehicular Stations, (10) 150-watt HF/VHF Fixed Base Station Radio Systems, (590) Mobile Communications, Command and Control Center Switches, (4) Mobile Work Shops, High Capacity Line of Sight Communication Systems with Relay Link, generators, accessories, installation, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, contractor engineering and technical support services, and other related elements of logistics support.
- **Nov. 19, 2009** – The Defense Security Cooperation Agency notified Congress Nov. 18 of a possible Foreign Military Sale to Iraq of 15 helicopters with associated parts, equipment, training and logistical support for a complete package worth approximately \$1.2 billion. The Government of Iraq has requested a possible sale of up to 15 Agusta Westland AW109 Light Utility Observation helicopters, or alternatively, 15 Bell Model 429 Medical Evacuation and Aerial Observation helicopters, or 15 EADS North America UH-72A Lakota Light Utility helicopters; and, up to 12 Agusta Westland AW139 Medium Utility helicopters, or alternatively, 12 Bell Model 412 Medium Utility helicopters, or 12 Sikorsky UH-60M BLACK HAWK helicopters equipped with 24 T700-GE-701D engines. Also included: spare and repair parts, publications and technical data, support equipment, personnel training and training equipment, ground support, communications equipment, US Government and contractor provided technical and logistics

support services, tools and test equipment, and other related elements of logistics support.

- **Dec. 10, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of (64) Deployable Rapid Assembly Shelters (DRASH), (1,500) 50 watt Very High Frequency (VHF) Base Station Radios, (6,000) VHF Tactical Handheld Radios, (100) VHF Fixed Retransmitters, (200) VHF Vehicular Radios, (30) VHF Maritime 50 watt Base Stations, (150) 150 watt High Frequency (HF) Base Station Radio Systems, (150) 20 watt HF Vehicular Radios, (30) 20 watt HF Manpack Radios, (50) 50 watt Very High Frequency/Ultra High Frequency (VHF/UHF) Ground to Air Radio Systems, (50) 150 watt VHF/UHF Ground to Air Radio Systems, (50) 5 watt Multiband Handheld Radio Systems as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$485 Million.
- **Dec. 10, 2008** – On Dec. 9, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of (80,000) M16A4 5.56MM Rifles, (25,000) M4 5.56MM Carbines, (2,550) M203 40MM Grenade Launchers as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$148 million.
- **Dec. 10, 2008** – On Dec. 9, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of 26 Bell Armed 407 Helicopters, 26 Rolls Royce 250-C-30 Engines, 26 M280 2.75-inch Launchers, 26 XM296 .50 Cal. Machine Guns with 500 Round Ammunition Box, 26 M299 HELLFIRE Guided Missile Launchers as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$366 million.
- **Dec. 10, 2008** – On Dec. 9, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of 140 M1A1 Abrams tanks modified and upgraded to the M1A1M Abrams configuration, 8 M88A2 Tank Recovery Vehicles, 64 M1151A1B1 Armored High Mobility Multi-Purpose Wheeled Vehicles (HMMWV), 92 M1152 Shelter Carriers, 12 M577A2 Command Post Carriers, 16 M548A1 Tracked Logistics Vehicles, 8 M113A2 Armored Ambulances, and 420 AN/VRC-92 Vehicular Receiver Transmitters as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$2.160 billion.
- **Dec. 10, 2008** – On Dec. 9, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of (20) 30-35meter Coastal Patrol Boats and (3) 55- 60 meter Offshore Support Vessels as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$1.010 billion.  
The Government of Iraq has requested a possible sale of (20) 30-35meter Coastal Patrol Boats and (3) 55- 60 meter Offshore Support Vessels, each outfitted with the Seahawk MS1-DS30MA2 mount using a 30 x 173mm CHAIN gun and short range Browning M2-HB .50 cal machine gun, spare and repair parts, weapon system software, support equipment, publications and technical data, personnel training and training equipment, US Government and contractor engineering and logistics support services, and other related elements of logistics support.
- **Dec. 10, 2008** – On Dec. 9, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of 20 T-6A Texan aircraft, 20 Global Positioning Systems (GPS) as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$210 million.  
The Government of Iraq has requested a possible sale of 20 T-6A Texan aircraft, 20 Global Positioning Systems (GPS) with CMA-4124 GNSSA card and Embedded GPS/Inertial Navigation System (INS) spares, ferry maintenance, tanker support, aircraft ferry services, site survey, unit level trainer, spare and repair parts, support and test equipment, publications and technical documentation, personnel training and training equipment, contractor technical and logistics personnel services, and other related elements of logistics support.
- **Dec. 10, 2008** – On Dec. 9, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of 400 M1126 STRYKER Infantry Carrier Vehicles as well as associated equipment. The total value, if all options are exercised, could be as high as \$1.11 billion.  
The Government of Iraq has requested a possible sale of 400 M1126 STRYKER Infantry Carrier Vehicles (ICVs), 400 M2 HB 50 cal Browning Machine

Guns, 400 M1117 Armored Security Vehicles (ASVs), 8 Heavy Duty Recovery Trucks, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, contractor engineering and technical support services, and other related elements of logistics support.

- **Dec. 10, 2008** – On Dec. 9, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of 36 AT-6B Texan II Aircraft as well as associated support. The total value, if all options are exercised, could be as high as \$520 million.  
The Government of Iraq has requested a possible sale of 36 AT-6B Texan II Aircraft, 6 spare PT- 6 engines, 10 spare ALE-47 Counter-Measure Dispensing Systems and/or 10 spare AAR-60 Missile Launch Detection Systems, global positioning systems with CMA-4124, spare and repair parts, maintenance, support equipment, publications and technical documentation, tanker support, ferry services, personnel training and training equipment, US Government and contractor engineering and logistics support services, and other related elements of logistics support.
- **July 31, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of M1A1 and Upgrade to M1A1M Abrams Tanks as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$2.16 billion.  
The Government of Iraq has requested a possible sale of 140 M1A1 Abrams tanks modified and upgraded to the M1A1M Abrams configuration, 8 M88A2 Tank Recovery Vehicles, 64 M1151A1B1 Armored High Mobility Multi-Purpose Wheeled Vehicles (HMMWV), 92 M1152 Shelter Carriers, 12 M577A2 Command Post Carriers, 16 M548A1 Tracked Logistics Vehicles, 8 M113A2 Armored Ambulances, and 420 AN/VRC- 92 Vehicular Receiver Transmitters. Also included are: 35 M1070 Heavy Equipment Transporter (HET) Truck Tractors, 40 M978A2 Heavy Expanded Mobility Tactical Truck (HEMTT) Tankers, 36 M985A2 HEMTT Cargo Trucks, 4 M984A2 HEMTT Wrecker Trucks, 140 M1085A1 5-ton Cargo Trucks, 8 HMMWV Ambulances w/ Shelter, 8 Contact Maintenance Trucks, 32 500 gal Water Tank Trailers, 16 2500 gal Water Tank Trucks, 16 Motorcycles, 80 8 ton Heavy/Medium Trailers, 16 Sedans, 92 M1102 Light Tactical trailers, 92 635NL Semi-Trailers, 4 5,500 lb. Rough Terrain Forklifts, 20 M1A1 engines, 20 M1A1 Full Up Power Packs, 3 spare M88A2 engines, 10 M1070 engines, 20 HEMTT engines, 4 M577A2 spare engines, 2 5-ton truck engines, 20 spare HMMWV engines, ammunition, spare and repair parts, maintenance, support equipment, publications and documentation, personnel training and equipment, US Government and contractor engineering and logistics support services, and other related elements of logistics support.
- **July 30, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of Helicopters and related munitions as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$2.4 billion.  
The Government of Iraq has requested a possible sale of 24 Bell Armed 407 Helicopters or 24 Boeing AH-6 Helicopters, 24 Rolls Royce 250-C-30 Engines, 565 M120 120mm Mortars, 665 M252 81mm Mortars, 200 AGM-114M HELLFIRE missiles, 24 M299 HELLFIRE Guided Missile Launchers, 16 M36 HELLFIRE Training Missiles, 15,000 2.75-inch Rockets, 24 M280 2.75-inch Launchers, 24 XM296 .50 Cal. Machine Guns with 500 Round Ammunition Box, 24 M134 7.62mm Mini-Guns, 81mm ammunition, 120mm ammunition, test measurement and diagnostics equipment, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, US Government and contractor engineering and logistics personnel services, and other related elements of logistics support.
- **July 30, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of technical assistance for construction of facilities and infrastructure as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$1.6 billion.  
The Government of Iraq has requested a possible sale of technical assistance to ensure provision of adequate facilities and infrastructure in support of the recruitment, garrison, training, and operational facilities and infrastructure for the Iraqi Security Forces (ISF). The US Army Corps of Engineers (USACE) will provide engineering, planning, design, acquisition, contract administration, construction management, and other technical services for construction of facilities and infrastructure (repair, rehabilitation, and new construction) in support of the training, garrison, and operational requirements of the ISF. The scope of the program includes provision of technical assistance for Light Armored Vehicles, Range Facilities, Training Facilities, Tank Range Complex Facilities, and Armed Reconnaissance Helicopter Facilities in support of Government of Iraq (GoI) construction projects throughout the country

of Iraq. The facilities and infrastructure planned include mission essential facilities, maintenance and supply buildings, company and regimental headquarters, and utilities systems (including heating, water, sewer, electricity, and communication lines). Services include support, personnel training and training equipment, acquisition of engineer construction equipment, technical assistance to Iraqi military engineers, other technical assistance, contractor engineering services, and other related elements of logistic support.

- **July 30, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of Light Armored Vehicles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$3 billion.  
The Government of Iraq has requested a possible sale of 392 Light Armored Vehicles (LAVs) which include 352 LAV-25, 24 LAV-CC, and 16 LAV-A (Ambulances); 368 AN/VRC-90E Single Channel Ground and Airborne Radio Systems (SINCGARS); 24 AN/VRC-92E SINCGARS; and 26 M72 Light Anti-Tank Weapons. The following are considered replacements to vehicles/weapons requested in the Military Table of Equipment (MTOE): 5 LAV-R (Recovery), 4 LAV-L (Logistics), 2 Mine Resistant Ambush Protected (MRAP) Vehicles, 41 Medium Tactical Vehicle Replacement (MTVR), 2 MK19 40mm Grenade Machine Guns, 773 9mm Pistols, 93 M240G Machine Guns, and 10 AR-12 rifles. Non-MDE includes ammunition, construction, site survey, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, contractor engineering and technical support services and other related elements of logistics support.
- **July 28, 2008** – On July 24<sup>th</sup>, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of Armored Security Vehicles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$206 million.  
The Government of Iraq has requested a possible sale of 160 M2 .50 caliber Machine Guns, 160 M1117 Armored Security Vehicles (ASVs), 4 Heavy Duty Recovery Trucks, 160 Harris Vehicular Radio Systems, 144 MK19 MOD3 40mm Grenade Machine Guns with Bracket, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, contractor engineering and technical support services, and other related elements of logistics support.
- **July 25, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of C-130J-30 Aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$1.5 billion.  
The Government of Iraq has requested a possible sale of 6 C-130J-30 United States Air Force baseline aircraft and equipment, 24 Rolls Royce AE 2100D3 engines, 4 Rolls Royce AE 2100D3 spare engines, 6 AAR-47 Missile Warning Systems, 2 spare AAR-47 Missile Warning Systems, 6 AN/ALE-47 Countermeasures Dispensing Systems, 2 spare AN/ALE-47 Countermeasures Dispensing Systems. Also included are spare and repair parts, configuration updates, integration studies, support equipment, publications and technical documentation, technical services, personnel training and training equipment, foreign liaison office support, US Government and contractor engineering and logistics personnel services, construction, and other related elements of logistics support.
- **May 7, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of technical assistance for construction of facilities and infrastructure as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$450 million.
- **March 21, 2008** – On March 12, 2008, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of various vehicles, small arms and ammunition, communication equipment, medical equipment, and clothing and individual equipment as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$1,389 million.  
The Government of Iraq has requested a possible sale of (700) M1151 High Mobility Multi-Purpose Wheeled Vehicles (HMMWV) Armored Gun Trucks, (4,000) AN/PVS-7D Night Vision Devices, and (100,000) M16A4 Assault Rifles. Also included are: (200) Commercial Ambulances, (16) Bulldozers, (300) Light Gun Trucks, (150) Motorcycles, (90) Recovery Trucks, (30) 20 ton Heavy Trailer, (1,400) 8 ton Medium Trailers, (3,000) 4X4 Utility Trucks, (120) 12K Fuel Tank Trucks, (80) Heavy Tractor Trucks, (120) 10K Water Tank Trucks, (208) 8 ton Heavy Trucks, (800) Light Utility Trailers, (8)

Cranes, (60) Heavy Recovery Vehicles, (16) Loaders, (300) Sedans, (200) 500 gal Water Tank Trailers, (1,500) 1 ton Light Utility Trailers, (50) 40 ton Low Bed Trailers, (40) Heavy Fuel Tanker Trucks, (20) 2000 gal Water Tanker Trucks, (2,000) 5 ton Medium Trucks, (120) Armored IEDD Response Vehicles, (1,200) 8 ton Medium Cargo Trucks, (1,100) 40mm Grenade Launchers, (3,300) 9mm Pistols with Holsters, (400) Aiming Posts, (140,000) M16A4 Magazines, (100,000) M4 Weapons, (65) 5K Generators, (5,400) hand-held VHF radio sets, (3,500) vehicular VHF radio sets, (32) Air Conditioner Charger kits, (32) Air Conditioner Testers, (4,000) binoculars, (20) electrician tool kits, (600) large general purpose tents, (700) small command general purpose tents, medical equipment, organizational clothing and individual equipment, standard and non-standard vehicle spare and repair parts, maintenance, support equipment, publications and documentation, US Government and contractor engineering and logistics support services, and other related elements of logistics support.

- **Sept. 25, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of various vehicles, small arms ammunition, explosives, and communications equipment as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$2.257 billion.  
The Government of Iraq has requested a possible sale of the following: MDE includes: (980) M1151 High Mobility Multi-Purpose Wheeled Vehicles (HMMWV) and (123,544) M16A4 Rifles.  
Also included are: Upgrade and refurbishment of 32 additional UH-I configuration; Armored Land Cruisers (189); Armored Mercedes (10); Light utility trucks (1,815); Fire trucks (70); Fuel trucks (40); Septic truck (20); Water truck (45); Motorcycles (112); Sedans (1,425); 5 Ton Trucks (600); Medium Trucks (600); BTR 3E1 (336); 8 Ton Trucks (400); 12 Ton Trucks (400); 16- 35 Ton Trucks (100); 35 Ton Trucks (20); Ambulances (122); Bulldozers (33); Excavators (10); Wheeled Loader (20); Variable Reach Forklifts (10); 5Kw generators (447); ILAV Route Clearing Vehicle (55); Wrecker w/Boom (19); Fuel Pumps (34); 11 Passenger Bus (127); 24 Passenger Bus (207); 44 Passenger Bus (80); Contact Maintenance Trucks (105); communication towers, troposcatter and Microwave radios, IDN, DPN, VSAT Operations and Maintenance, (1,518) VHF Wheeled Tactical and Base Station Radios, (4,800) VHF hand-held radios, (6,490) VHF man pack radios, clothing and individual equipment, standard and non-standard vehicle spare and repair parts, maintenance, support equipment, publications and documentation; personnel training and training equipment; Quality Assurance Team support services, US Government and contractor engineering and logistics support services, preparation of aircraft for shipment, and other related elements of logistics support.
- **Sept. 21, 2007** – On September 21, 2007, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of logistics support for three C-130E aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$172 million.  
The Government of Iraq has requested a possible sale of logistics support for three C-130E aircraft to include supply and maintenance support, flares, electronic warfare support, software upgrades, pyrotechnics, spare and repair parts, support equipment, publications and documentation, personnel training and training equipment, fuel and fueling services, US Government and contractor engineering and logistics support services, and other related elements of logistics support.
- **Aug. 17, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of UH-I HUEY repair parts as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$150 million.
- **May 24, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of medical supplies, equipment, and training as well as associated support equipment and services. The total value, if all options are exercised, will be less than \$1.05 billion.
- **May 18, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of Technical Assistance for Construction of Facilities and Infrastructure as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$350 million.



- **May 4, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of various small arms ammunition, explosives, and other consumables as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$508 million.
- **Dec. 07, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq to provide funds for Trucks, Vehicles, Trailers, as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$463 million.  
Major Defense Equipment (MDE): 522 High Mobility Multipurpose Wheeled Vehicles (HMMWVs) or 276 Infantry Light Armored Vehicles (I-LA Vs), eight Heavy Tracked Recovery Vehicles – either Brem Tracked Recovery and Repair or M578 Recovery Vehicles, six 40-Ton Trailer Lowboy – either M871 or Commercial, 66 8-Ton Cargo Heavy Trucks – either M900 series or M35 series or MK23 Medium Tactical Vehicles or Commercial Medium Trucks.

Also included: logistics support services/equipment for vehicles (Armored Gun Trucks; Light, Medium, and Heavy Vehicles; trailers; recovery vehicles; and ambulances) supply and maintenance support, measuring and hand tools for ground systems, technical support, software upgrades, spare and repair parts, support equipment, publications and documentation, personnel training and training equipment, US Government and contractor engineering and logistics support services, and other related elements of logistics support.

- **Sept. 27, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of King Air 350ER and potentially other aircraft, as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$900 million.  
The Government of Iraq has requested a possible sale of:
  - 24 King Air 350ER for Intelligence/Surveillance/Reconnaissance role with L-3 Wescam
  - MX-15 Electro Optics/Infrared (EO/IR) system, plus 1 of the following Synthetic Aperture Radar (SAR/ISAR)/Inverse Synthetic: APS-134 Sea View or APS-143 Ocean Eye or RDR-1700 or Lynx II (APY-8) or APS144 or APY-12 Phoenix
  - 24 Data Link Systems (T-Series Model-U or T-Series Model-N or ADL850 or TCDL or BMT-85)
  - 24 King Air 350ER or PZL M-18 Skytruck Aircraft for light transport role
  - 48 AAR-47 Missile Warning Systems
  - 48 ALE-47 Countermeasures Dispensing Systems
  - 6,000 M-206 Flare Cartridges
  - 50 Global Positioning System (GPS) and Embedded GPS/Inertial Navigation Systems (INS)

Also included: support equipment, management support, spare and repair parts, supply support, training, personnel training and training equipment, publications and technical data, US Government and contractor technical assistance and other related elements of logistics support.

- **Sept. 27, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of one AN/FPS-117 or TPS-77 Long Range Air Traffic Control Radar, as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$142 million.  
The Government of Iraq has requested a possible sale of one AN/FPS-117 or TPS-77 Long Range Air Traffic Control Radar, support equipment, management support, spare and repair parts, supply support, training, publications and technical data, US Government and contractor technical assistance and other related elements of logistics support.

- **Sept. 19, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of helicopters, vehicles, weapons and support as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$500 million. Also included: logistics support services/equipment for helicopters (Jet Ranger, Huey II and Mi-17) and vehicles (Standard/Non-Standard Wheeled Vehicles, Tracked Vehicles, Infantry Light Armored Vehicles Armored Personnel Carriers) and small/medium weapons and weapon systems, on-job-training, laser pointers, supply and maintenance support, measuring and hand tools for ground systems, technical support, software upgrades, spare and repair parts, support equipment, publications and documentation, personnel training and training equipment, US Government and contractor engineering and logistics support services, and other related elements of logistics support.
- **Sept. 19, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of logistics support for Helicopters, Vehicles, Weapons as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$250 million. The Government of Iraq has requested a possible sale of logistics support services/equipment for helicopters (Jet Ranger, Huey II and Mi-17) and vehicles (Standard/Non-Standard Wheeled Vehicles, Tracked Vehicles, Infantry Light Armored Vehicles Armored Personnel Carriers) and small/medium weapons and weapon systems including on-job-training, supply and maintenance support, measuring and hand tools for ground systems, software upgrades, spare and repair parts, support equipment, publications and documentation, personnel training and training equipment, US Government and contractor engineering and logistics support services, and other related elements of logistics support.
- **March 10, 2005** – On 10 March 2005, the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Iraq of six T-56A-7 engines and logistics support for C-130 aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$132 million. The Government of Iraq has requested a possible sale of six T-56A-7 engines and logistics support for C-130 aircraft to include supply and maintenance support, flares, software upgrades, pyrotechnics, spare and repair parts, support equipment, publications and documentation, personnel training and training equipment, fuel and fueling services, US Government and contractor engineering and logistics support services, and other related elements of logistics support.

## Kuwait

- **June 30, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Kuwait for facilities and infrastructure construction support services and associated equipment, parts, training and logistical support for an estimated cost of \$1.7 billion. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale on Jun 30, 2014.  
  
The Government of Kuwait has requested a possible sale for the design, construction, procurement of medical, non-medical, and information technology equipment, and operation and maintenance for the Kuwait Armed Forces Hospital. The U.S. Army Corps of Engineers (USACE) will provide project management, engineering, planning, design, acquisition, contract administration, construction management, and other technical services for construction of facilities and infrastructure for the hospital. The overall project will also include a new central utilities plant, site utilities, site improvements, covered parking, parking access and roads, and an enclosed pedestrian circulation connector for the new complex to the existing Armed Forces Hospital. The estimated cost is \$1.7 billion.
- **Dec. 5, 2013** - The Defense Security Cooperation Agency notified Congress on Dec 4 of a possible Foreign Military Sale to the Government of Kuwait for F/A-18 C/D follow-on contractor engineering technical services and associated equipment, parts, and logistical support for an estimated cost of \$150 million.  
  
The Government of Kuwait requests the continuation of contractor engineering technical services, contractor maintenance services, Hush House support services, and Liaison Office Support for the Kuwait's Air Force's F/A-18 C/D program, which will include spare and repair parts, publications and

technical documentation, U.S. Government and contractor technical support services and other related elements of logistics support. The estimated cost is \$150 million.

- **June 10, 2013** - The Defense Security Cooperation Agency notified Congress June 7 of a possible Foreign Military Sale to Kuwait of technical and logistics support for F/A-18 C/D aircraft for an estimated cost of \$200 million.

The Government of Kuwait has requested a possible sale of continuation of logistics support, contractor maintenance, and technical services in support of the F/A-18 C/D aircraft to include avionics software upgrade, engine component improvement, ground support equipment, spare and repair parts, publications and technical documentation, engineering change proposals, U.S. Government and contractor technical and logistics support services and other related elements of logistical support. The estimated cost is \$200 million.

- **Apr. 17, 2013** – The Defense Security Cooperation Agency notified Congress April 16 of a possible Foreign Military Sale to Kuwait for 1 C-17 GLOBEMASTER III aircraft and associated equipment, parts, training and logistical support for an estimated cost of \$371 million.

The Government of Kuwait has requested a possible sale of 1 C-17 GLOBEMASTER III aircraft, 4 Turbofan F117-PW-100 Engines, 1 AN/AAR-47 Missile Approach Warning System, 1 AN/ALE-47 Countermeasure Dispenser Set (CMDS), secure radios, precision navigation equipment, spare and repair parts, support and test equipment, publications and technical documentation, tactics manuals, personnel training and training equipment, U.S. Government and contractor engineering, aircraft ferry support, aircraft fuel, and technical and logistics support services; and related elements of initial and follow-on logistical and program support.

- **Jul. 20, 2012** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of Kuwait for 60 PATRIOT Advanced Capability (PAC-3) Missiles and associated equipment, parts, training and logistical support for an estimated cost of \$4.2 billion. The Government of Kuwait has requested a possible sale of 60 PATRIOT Advanced Capability (PAC-3) Missiles, 4 PATRIOT radars, 4 PATRIOT Engagement Control Stations, 20 PATRIOT Launching Stations, 2 Information Coordination Centrals, 10 Electric Power Plants, communication and power equipment, personnel training and training equipment, spare and repair parts, facility design and construction, publications and technical documentation, US Government and contractor technical and logistics personnel services and other related elements of program and logistics support.

- **Jul. 12, 2012** – The Defense Security Cooperation Agency notified Congress July 10 of a possible Foreign Military Sale to the Government of Kuwait for continuing logistics support, training, depot-level repair services and associated equipment, parts and logistical support for an estimated cost of \$200 million.

The Government of Kuwait has requested a possible sale for continuing logistics support, training, depot-level repair services, and technical services in support of AH-64D APACHE helicopters, publications and technical documentation, US Government and contractor technical and logistics personnel services and other related elements of program and logistics support.

- **Jun. 28, 2012** – The Defense Security Cooperation Agency notified Congress June 26 of a possible Foreign Military Sale to the Government Kuwait of 43 Joint Helmet Mounted Cueing System Cockpit Units and associated equipment and support. The estimated cost is \$51 million.

The Government of Kuwait has requested a possible sale of 43 Joint Helmet Mounted Cueing System Cockpit Units, Single Seat Electronic Units, Helmet Display Units, spare and repair parts, support equipment, tool and test equipment, personnel training and training equipment, publications and technical data, US Government and contractor technical and logistics personnel services and other related elements of program and logistics support.

- **Jun. 28, 2012** – The Defense Security Cooperation Agency notified Congress June 26 of a possible Foreign Military Sale to the Government Kuwait of 300 AGM-114R3 HELLFIRE II missiles and associated equipment and support. The estimated cost is \$49 million.

The Government of Kuwait has requested a possible sale 300 AGM-114R3 HELLFIRE II missiles, containers, spare and repair parts, support and test equipment, repair and return support, training equipment and personnel training, US Government and contractor logistics, Quality Assurance Team support services, engineering and technical support, and other related elements of program support.

- **Feb. 24, 2012** – The Defense Security Cooperation Agency notified Congress Feb. 24 of a possible Foreign Military Sale to Kuwait of 80 AIM-9X-2 SIDEWINDER Block II All-Up-Round Missiles and associated equipment, parts, training and logistical support for an estimated cost of \$105 million.
- **Nov. 8, 2011** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of Kuwait for continuing logistics support, contractor maintenance, and technical services in support of the F/A-18 aircraft and associated equipment, parts, training and logistical support for an estimated cost of \$100 million.
- **Sept. 24, 2010** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Kuwait of one Boeing C-17 GLOBEMASTER III aircraft and associated parts, equipment and logistics support for a complete package worth approximately \$693 million.  
The Government of Kuwait has requested a possible sale of one Boeing C-17 GLOBEMASTER III aircraft, four Turbofan F117-PW-100 engines installed on the aircraft, one spare Turbofan F117-PW- 100 engine, one AN/ALE-47 Counter-Measures Dispensing System (CMDs), one AN/AAR-47 Missile Warning System, aircraft ferry services, refueling support, precision navigation equipment, spare and repairs parts, support, personnel training and training equipment, publications and technical data, US Government and contractor engineering, technical, and logistics support services, and other related elements of logistics support. The estimated cost is \$693 million.
- **Aug. 11, 2010** – The Defense Security Cooperation Agency notified Congress Aug. 10 of a possible Foreign Military Sale to Kuwait of 209 MIM-104E PATRIOT Guidance Enhanced Missile-T (GEM-T) Missiles for an estimated cost of \$900 million.
- **Nov. 23, 2009** – The Defense Security Cooperation Agency notified Congress Nov. 20 of a possible Foreign Military Sale to Kuwait for the design and construction of facilities and infrastructure for Al Mubarak Air Base and the Kuwait Air Force Headquarters Complex for an estimated cost of \$700 million.
- **Dec. 18, 2009** – The Defense Security Cooperation Agency notified Congress Dec. 17 of a possible Foreign Military Sale to Kuwait of construction support services to provide administrative, operational, storage, support facilities and utility infrastructure for the 26<sup>th</sup> Al Soor Brigade facilities for a complete package worth approximately \$360 million.
- **Nov. 16, 2009** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the government of Kuwait of four-year PATRIOT Air Defense System sustainment and repair/return programs and associated spare parts, equipment and logistical support worth approximately \$410 million.
- **July 20, 2009** – On July 15, the Defense Security Cooperation Agency notified Congress of a possible foreign military sale to the Government of Kuwait of eight KC-130J Multi-mission Cargo Refueling Aircraft and associated equipment, parts and support for an estimated cost of \$1.8 billion.  
The Government of Kuwait has requested a possible sale of 8 KC-130J Multi-mission Cargo Refueling Aircraft with 32 AE-2100D3 Turbo propeller engines, 8 spare AE-2100D3 Turbo propeller engines, 4 AN/ALR-56M Radar Warning Receivers, 4 AN/AAR-47 Missile Approach Warning Systems, 4 AN/ALE-47 Countermeasures Dispenser Sets, 20 AN/ARC-210 (RT-1851A(U)) Very High Frequency/Ultra High Frequency HAVEQUICK/Single Channel Ground and Airborne Radio Systems, spare and repair parts, support equipment, publications and technical documentation, warranties, aircraft ferry support, personnel training and training equipment, US Government and contractor technical and logistics personnel services and other related elements of program support.
- **July 14, 2009** – On July 13, the Defense Security Cooperation Agency (DSCA) notified Congress of a possible Foreign Military Sale to the Government

Kuwait of logistics support, contractor maintenance and technical services in support of the F/A-18 aircraft. The estimated cost is \$70 million.

- **July 14, 2009** – On July 13, the Defense Security Cooperation Agency (DSCA) notified Congress of a possible Foreign Military Sale to the Government of Kuwait of four M2 .50 cal HB Browning machine guns, two Swiftship Model 176DSV0702, 54X9.2X1.8 meter Nautilus Class Diver Support Vessels outfitted with a MLG 27mm gun system, and other related services and equipment. The estimated cost is \$81 million.
- **July 10, 2009** – On July 8, the Defense Security Cooperation Agency notified Congress of a possible foreign military sale to the Government of Kuwait to upgrade the Desert Warrior Fire Control System with Gunner's Integrated TOW System (GITS II) worth an estimated \$314 million. The Government of Kuwait has requested a possible sale to upgrade the Desert Warrior Fire Control System with Gunner's Integrated TOW System (GITS II) hardware. The proposed sale includes installation of the Improved Thermal Sight System 2<sup>nd</sup> Generation Forward-Looking Infrared Radar, spare and repair parts, support equipment, publications and technical documentation, test equipment, personnel training and training equipment, US Government and contractor technical and logistics personnel services and other related elements of program support.
- **July 7, 2009** – On July 6, the Defense Security Cooperation Agency notified Congress of a possible foreign military sale to the Government of Kuwait of continuing logistics support, contractor maintenance, and technical services in support of F/A-18 aircraft worth an estimated \$95 million.
- **Sept. 9, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of AIM-120C-7 AMRAAM Missiles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$178 million. The Government of Kuwait has requested a possible sale of 120 AIM-120C-7 Advanced Medium Range Air-to- Air Missiles (AMRAAM), 78 LAU-127-B/A Launchers, 78 LAU-127-C/A Launchers, Captive Air Training Missiles, missile containers, spare and repair parts, support and test equipment, publications and technical documentation, personnel training and training equipment, US Government (USG) and contractor engineering, technical and logistics support services, and other related elements of logistical and program support.
- **Jan. 3, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of TOW-2A/B Radio Frequency Missiles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$328 million. The Government of Kuwait has requested a possible sale of 2,106 TOW-2A Radio Frequency missiles, 21 Buy- to-Fly missiles, 1,404 TOW-2B Radio Frequency missiles, 14 Buy-to-Fly missiles, containers, spare and repair parts, supply support, publications and technical data, US Government and contractor technical and logistics personnel services, and other related elements of program support.
- **Dec. 4, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of PAC-3 missiles, PAC-2 missile upgrades to GEM-T, and PATRIOT ground support equipment upgrades as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$1.363 billion. The Government of Kuwait has requested a possible sale of 80 PAC-3 Missiles, PATRIOT GEM-T Modification Kits to upgrade 60 PAC-2 missiles, 6 PATRIOT System Configuration 3 Modification kits to upgrade PATRIOT Radars to REP III, communication support equipment, tools and test equipment, system integration and checkout, installation, personnel training, containers, spare and repair parts, publications and technical data, US Government and contractor technical and logistics personnel services, and other related elements of program support.
- **Nov. 9, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of technical/logistics support for F/A-18 aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$90 million.
- **Oct. 4, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait to upgrade three L-100-30 aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$250 million.

The Government of Kuwait has requested a possible sale to upgrade three L-100-30 aircraft (a commercial version of the C-130 aircraft), to include modifications, spare and repair parts, support equipment, publications and technical data, flight engineer training, communications equipment, maintenance, personnel training and training equipment, US Government and contractor engineering and logistics support services, preparation of aircraft for shipment, and other related elements of logistics support.

- **Nov. 17, 2005** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of 12 MKV-C Fast Interceptor Boats as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$175 million.

The Government of Kuwait has requested a possible sale of 12 MKV-C Fast Interceptor Boats including installed Hull, Mechanical and Electrical systems, 12 RWM GMBH MLG-27mm Mauser Lightweight Gun Systems, communications, technical ground support equipment, spare and repair parts, supply support, publications and technical data, US Government and contractor technical and logistics support services and other related elements of program support.

- **Aug. 22, 2005** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of continuing logistics support, contractor maintenance, and technical services in support of the F/A-18 aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$295 million.

The Government of Kuwait has requested a possible sale of continuing logistics support, contractor maintenance, and technical services in support of the F/A-18 aircraft to include contractor engineering technical services, contractor maintenance support, avionics software, engine component improvement and spare parts, technical ground support equipment, spare and repair parts, supply support, publications and technical data, engineering change proposals, US Government and contractor technical and logistics personnel services, and other related elements of program support.

- **Aug. 4, 2005** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of 436 TOW-2A/B Anti-armor Guided Missiles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$19 million.

The Government of Kuwait has requested a possible sale of 288 TOW-2A missiles, 4 TOW-2A Fly-to-Buy missiles, 140 TOW-2B missiles, and 4 TOW-2B Fly-to-Buy missiles. Also included are spare and repair parts, supply support, publications and technical data, engineering change proposals, US Government and contractor technical and logistics personnel services and other related elements of program support.

- **Oct. 11, 2002** – the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of an Aerostat Radar System as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$131 million.

The Government of Kuwait has requested a possible sale to replace its Aerostat radar system with the Aerostat balloon/radar system comprised of the 71M Low Altitude Surveillance System (LASS) Balloon with a non-MDE version of the AN/TPS-63 radar. Also included in the proposed sale are: Interim AN/TPS-63 radar components, spare LASS balloon, AN/TPS-63 radar component (Tether Up), miscellaneous commercial vehicles, spare and repair parts, supply support, publications and technical documentation, personnel training and training equipment, US Government and contractor technical assistance and other related elements of logistics support.

- **June 4, 2002** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of AIM 120C AMRAAM air-to-air missiles and associated equipment and services. The total value, if all options are exercised, could be as high as \$58 Million.

The Government of Kuwait has requested a possible sale of 80 AIM-120C Advanced Medium Range Air-to-Air Missiles (AMRAAM), 60 AIM-120C Launch Rails, two Captive Air Training Missiles, flight test instrumentation, software updates to support AMRAAM operational and training devices, missile containers, aircraft modification and integration, spare and repair parts, support and test equipment, publications and technical documentation, maintenance and pilot training, contractor support, other related elements of logistical and program support.

- **April 17, 2002** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Kuwait of AH-64D Apache Helicopters and associated equipment and services. The total value, if all options are exercised, could be as high as \$2.1 Billion.

The Government of Kuwait has requested a possible sale of 16 AH-64D Apache attack helicopters, four (4) spare T-700-GE -701C engines with gas generator first state 401C turbine blades, four (4) spare M299 HELLFIRE launchers, 96 Longbow HELLFIRE AGM-114L3 and 288 HELLFIRE AGM-114K3 missiles, 16 dummy missiles, 16 Modernized Targeting Acquisition and Designation Systems, eight (8) AN/APG-78 Longbow Fire Control Radar, 30mm cartridges, 2.75-inch rockets, ammunition, spare and repair parts, communications equipment, support equipment, simulators, quality assurance teams, chemical masks, tools and test sets, chaff dispensers, Integrated Helmet and Display Sight Systems, electronic equipment, test facility spares, publications, Quality Assurance Teams, personnel training and training equipment, US Government and contractor technical support and other related elements of logistics support.

## Oman

- **May 15, 2013** – The Defense Security Cooperation Agency notified Congress May 14 of a possible Foreign Military Sale to Oman for two AN/AAQ-24(V) Large Aircraft Infrared Countermeasures (LAIRCM) Systems and associated equipment, parts, training and logistical support for an estimated cost of \$100 million.

The Government of Oman has requested a possible sale of 2 AN/AAQ-24(V) Large Aircraft Infrared Countermeasures (LAIRCM) Systems (1 B747-400 and 1 B747-800), 11 Small Laser Transmitter Assemblies, 3 System Processors/Repeaters, 14 AN/AAR-54 Missile Warning Sensors, User Data Module Cards and Control Interface Units, Multi-role Electro-Optic End-to-End test set, Card Memory, Smart Cards, and Support Equipment, Consumables, and Flight Test/Certification. Also included are tools and test equipment, support equipment, spare and repair parts, publications and technical documents, personnel training and training equipment, U.S. Government and contractor technical assistance, and other related elements of logistics and program support. The estimated cost is \$100 million.

- **Dec. 12, 2012** – The Defense Security Cooperation Agency notified Congress Dec. 11 of a possible Foreign Military Sale to Oman for a number of F-16 A/C weapon systems, as well as associated equipment, parts, training and logistical support for an estimated cost of \$117 million.

The Sultanate of Oman has requested a possible sale of 27 AIM-120C-7 Advanced Medium Range Air-to-Air Missiles (AMRAAM), 162 GBU-12 PAVEWAY II 500-lb Laser Guided Bombs, 162 FMU-152 bomb fuzes, 150 BLU-111B/B 500-lb Conical Fin General Purpose Bombs (Freefall Tail), 60 BLU-111B/B 500-lb Retarded Fin General Purpose Bombs (Ballute Tail), and 32 CBU-105 Wind Corrected Munitions Dispensers (WCMD). Also included are 20mm projectiles, Aerial Gunnery Target System (AGTS-36), training munitions, flares, chaff, containers, impulse cartridges, weapon support equipment and components, repair and return, spare and repair parts, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor representative logistics and technical support services, site survey, and other related elements of logistics support.

- **Nov. 19, 2012** – The Defense Security Cooperation Agency notified Congress November 15 of a possible Foreign Military Sale to the Government of Oman for 400 Javelin Guided Missiles and associated equipment, parts, training and logistical support for an estimated cost of \$96 million.

The Sultanate of Oman has requested a possible sale of 400 Javelin Guided Missiles, Javelin Weapon Effects Simulator (JAVWES), containers, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, U.S. Government and contractor representative logistics and technical support services, and other related elements of logistics and program support.

- **Jun. 13, 2012** – The Defense Security Cooperation Agency notified Congress on June 12 of a possible Foreign Military Sale to the Government of Oman for 55 AIM-9X Block II SIDEWINDER All-Up Round Missiles, 36 AIM-9X Block II SIDEWINDER Captive Air Training Missiles, 6 AIM-9X Block

II Tactical Guidance Units, 4 AIM-9X Block II Captive Air Training Missile Guidance Units, 1 Dummy Air Training Missile, and other related equipment. The estimated cost is \$86 million.

The Government of Oman has requested a possible sale of 55 AIM-9X Block II SIDEWINDER All-Up-Round Missiles, 36 AIM-9X Block II SIDEWINDER Captive Air Training Missiles, 6 AIM-9X Block II Tactical Guidance Units, 4 AIM-9X Block II Captive Air Training Missile Guidance Units, 1 Dummy Air Training Missile, containers, weapon support equipment, spare and repair parts, publications and technical documentation, personnel training and training equipment, US Government and contractor technical support services, and other related elements of logistics support.

- **Oct. 18, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Oman for AVENGER Fire Units, STINGER Missiles and Advanced Medium Range Air to Air Missiles, as well associated equipment, parts, training and logistical support for an estimated cost of \$1.248 billion.

The Government of the Oman has requested a possible sale of 18 AVENGER Fire Units, 266 STINGER- Reprogrammable Micro-Processor (RMP) Block 1 Anti-Aircraft missiles, 6 STINGER Block 1 Production Verification Flight Test missiles, 24 Captive Flight Trainers, 18 AN/VRC-92E exportable Single Channel Ground and Airborne Radio Systems (SINCGARS), 20 S250 Shelters, 20 High Mobility Multi-Purpose Wheeled Vehicles (HMMWVs), 1 lot AN/MPQ-64F1 SENTINEL Radar software, 290 AIM-120C-7 Surface- Launched Advanced Medium Range Air-to-Air Missiles, 6 Guidance Sections, Surface-Launched Advanced Medium Range Air-to-Air Missile (SL-AMRAAM) software to support Oman's Ground Based Air defense System, training missiles, missile components, warranties, containers, weapon support equipment, repair and return, spare and repair parts, publications and technical documentation, personnel training and training equipment, US Government and contractor technical support services, and other related elements of logistics support.

- **Nov. 18, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Oman of logistics support and training for one C-130J-30 aircraft being procured through a Direct Commercial Sale and associated equipment, parts and logistical support for a complete package worth approximately \$76 million.

The Government of Oman has requested a possible sale of logistics support and training for one C- 130J-30 aircraft being procured through a Direct Commercial Sale, 1 AN/AAQ-24(V) Large Aircraft Infrared Countermeasures System, 7 AN/AAR-54 Missile Approach Warning Systems, 2 AN/ALR-56M Radar Warning Receivers, 2 AN/ALE-47 Countermeasure Dispenser Sets, communication and navigation equipment, software support, repair and return, installation, aircraft ferry and refueling support, spare and repair parts, support and test equipment, publications and technical documentation, personnel training and training equipment, US Government and contractor engineering, technical, and logistics support services, and related elements of logistical and program support.

- **Aug. 3, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Oman of 18 F-16 Block 50/52 aircraft and associated equipment, parts, training and logistical support for an estimated cost of \$3.5 Billion.

The Government of Oman has requested a possible sale of 18 F-16 Block 50/52 aircraft, 20 F100-PW- 229 or F110-GE-129 Increased Performance Engines, 36 LAU- 129/A Common Rail Launchers, 24 APG-68(V)9 radar sets, 20 M61 20mm Vulcan Cannons, 22 AN/ARC-238 Single Channel Ground and Airborne Radio Systems with HAVE QUICK I/II, 40 Joint Helmet Mounted Cueing Systems, 36 LAU-117 MAVERICK Launchers, 22 ALQ-211 Advanced Integrated Defensive Electronic Warfare Suites (AIDEWS) or Advanced Countermeasures Electronic Systems (ACES) (ACES includes the ALQ-187 Electronic Warfare System and AN/ALR-93 Radar Warning Receiver), Advanced Identification Friend or Foe (AIFF) Systems with Mode IV, 34 Global Positioning Systems (GPS) and Embedded-GPS/Inertial Navigation Systems (INS), 18 AN/AAQ-33 SNIPER Targeting Pods or similarly capable system, 4 DB-110 Reconnaissance Pods (RECCE), 22 AN/ALE-47 Countermeasures Dispensing Systems (CMDS), and 35 ALE-50 Towed Decoys. Also included is the upgrade of the existing 12 F-16 Block 50/52 aircraft, site survey, support equipment, tanker support, ferry services, Cartridge



Actuated Devices/Propellant Actuated Devices (CAD/PAD), conformal fuel tanks, construction, modification kits, repair and return, modification kits, spares and repair parts, construction, publications and technical documentation, personnel training and training equipment, US Government and contractor technical, engineering, and logistics support services, ground based flight simulator, and other related elements of logistics support.

- **July 2, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Oman of logistics support and training for two C-130J-30 aircraft, including associated equipment and parts for an estimated cost of \$54 million.

The Government of Oman has requested a possible sale of logistics support and training for two (2) C-130J-30 aircraft being procured through a Direct Commercial Sale, 2 AN/AAR-47 Missile Approach Warning Systems, 2 AN/ALE-47 Countermeasure Dispenser Sets, 2 AN/ALR-56M Radar Warning Receivers, communication equipment, software support, repair and return, installation, aircraft ferry and refueling support, spare and repair parts, support and test equipment, publications and technical documentation, personnel training and training equipment, US Government and contractor engineering, technical, and logistics support services, and related elements of logistical and program support.

- **July 28, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Oman of JAVELIN anti-tank missile systems as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$48 million.

The Government of Oman has requested a possible sale of 250 JAVELIN missile rounds and 30 JAVELIN command launch units, simulators, trainers, support equipment, spare and repair parts, publications and technical data, personnel training and equipment, US Government and contractor engineering and logistics personnel services, a Quality Assurance Team, and other related elements of logistics support.

- **July 18, 2002** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Oman of podded reconnaissance systems as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$49 million.

The Government of Oman has requested a possible sale of two Goodrich DB-110 or two BAE Systems F-9120 Podded reconnaissance systems, one Goodrich or one BAE Systems Exploitation Ground Station, support equipment, spares and repair parts, publications and technical documentation, personnel training and training equipment, US Government and contractor technical and logistics personnel services, and other related elements of logistics support.

- **April 10, 2002** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Oman of various munitions for F-16 Fighter Aircraft and associated equipment and services. The total value, if all options are exercised, could be as high as \$42 Million.

The Government of Oman has requested a possible sale of 50,000 20mm high explosive projectiles, 50,000 20mm training projectiles, 300 MK-82 500 lb. general purpose bombs, 200 MK-83 1,000 lb. general purpose bombs, 100 enhanced GBU-12 Paveway II 500 lb. laser guided bomb kits, 50 GBU-31(v)3/B Joint Direct Attack Munitions, 50 CBU-97/105 sensor fuzed weapon, 20,000 RR-170 self-protection chaff, 20,000 MJU-7B self-protection flares, support equipment, software development/integration, modification kits, spares and repair parts, flight test instrumentation, publications and technical documentation, personnel training and training equipment, US Government and contractor technical and logistics personnel services, and other related elements of logistical and program support.

## **Qatar**

- **July 29, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Qatar of one (1) A/N FPS-132 Block 5 Early Warning Radar (EWR) and associated equipment, parts, training and logistical support for an estimated cost of \$1.1 billion.

The Government of Qatar has requested a possible sale of one (1) A/N FPS-132 Block 5 Early Warning Radar (EWR) to include Prime Mission Equipment package, technical and support facilities, communication equipment, encryption devices, spare and repair parts, support and test equipment, publications

and technical documentation, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering, technical and logistics support services; and related elements of logistics and program support. The estimated cost is \$1.1B.

- **June 27, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Qatar of 2 F117-PW-100 C-17 Globemaster III spare engines, and associated equipment, parts, training and logistical support for an estimated cost of \$35 million.

The Government of Qatar has requested a possible sale of 2 F117-PW-100 C-17 Globemaster III spare engines, support equipment, publications and technical data, personnel training and training equipment, site surveys, U.S. Government and contractor engineering, technical, and logistics support services, design and construction, and other related elements of logistics support. The estimated cost is \$35 million.

- **May 15, 2013** - The Defense Security Cooperation Agency notified Congress May 14 of a possible Foreign Military Sale to Qatar for two AN/AAQ-24(V) Large Aircraft Infrared Countermeasures (LAIRCM) Systems and associated equipment, parts, training and logistical support for an estimated cost of \$110 million.

The Government of Qatar has requested a possible sale of 2 AN/AAQ-24(V) Large Aircraft Infrared Countermeasures (LAIRCM) Systems for B747-800 Aircraft, 11 Small Laser Transmitter Assemblies, 3 System Processors/Repeaters, 14 AN/AAR-54 Missile Warning Sensors, User Data Module Cards and Control Interface Units, Multi-role Electro-Optic End-to-End test set, Card Memory, Smart Cards, and Support Equipment, Consumables, and Flight Test/Certification. Also included are tools and test equipment, support equipment, spare and repair parts, publications and technical documents, personnel training and training equipment, U.S. Government and contractor technical assistance, and other related elements of logistics and program support. The estimated cost is \$110 million.

- **Mar. 28, 2013** – The Defense Security Cooperation Agency notified Congress March 26 of a possible Foreign Military Sale to Qatar for 500 Javelin Guided Missiles and associated equipment, parts, training and logistical support for an estimated cost of \$122 million. The Government of Qatar has requested a possible sale of 500 Javelin Guided Missiles, 50 Command Launch Units (CLU), Battery Coolant Units, Enhanced Performance Basic Skills Trainer (EPBST), Missile Simulation Rounds (MSR), tripods, Javelin Weapon Effects Simulator (JAVWES), spare and repair parts, rechargeable and non-rechargeable batteries, battery chargers and dischargers, support equipment, publications and technical data, personnel training and training equipment, U.S. Government and contractor representative engineering, technical and logistics support services, and other related logistics support.
- **Dec. 24, 2012** – The Defense Security Cooperation Agency notified Congress Dec. 21 of a possible Foreign Military Sale to the Government of Qatar for rocket and missile systems and associated equipment, parts, training and logistical support for an estimated cost of \$406 million. The Government of Qatar has requested a possible sale of 7 M142 High Mobility Artillery Rocket System (HIMARS) Launchers with the Universal Fire Control System (UFCS); 60 M57 Army Tactical Missile System (ATACMS) Block 1A T2K Unitary Rockets (60 pods, 1 rocket per pod); 360 M31A1 Guided Multiple Launch Rocket System (GMLRS) Unitary Rockets (60 pods, 6 rockets per pod); 180 M28A2 Reduced Range Practice Rockets (30 pods, 6 rockets per pod); 7 M68A2 Trainers, 1 Advanced Field Artillery Tactical Data System (AFATDS); 2 M1151A1 High Mobility Multipurpose Wheeled Vehicles (HMMWV); and 2 M1152A2 HMMWVs. Also included are simulators, generators, transportation, wheeled vehicles, communications equipment, spare and repair parts, support equipment, tools and test equipment, technical data and publications, personnel training and training equipment, U.S. government and contractor engineering, technical and logistics support services, and other related elements of logistics support.
- **Nov. 7, 2012** – The Defense Security Cooperation Agency notified Congress Nov. 6 of a possible Foreign Military Sale to the Government of Qatar for the sale of 11 PATRIOT Configuration-3 Modernized Fire Units and associated equipment, parts, training and logistical support for an estimated cost of \$9.9 billion. The Government of Qatar has requested a possible sale of 11 PATRIOT Configuration-3 Modernized Fire Units, 11 AN/MPQ-65 Radar Sets, 11 AN/MSQ-132 Engagement Control Systems, 30 Antenna Mast Groups, 44 M902 Launching Stations, 246 PATRIOT MIM-104E Guidance Enhanced Missile-TBM

(GEM-T) with canisters, 2 PATRIOT MIM-104E GEM-T Test Missiles, 768 PATRIOT Advanced Capability 3 (PAC-3) Missiles with canisters, 10 PAC-3 Test Missiles with canisters, 11 Electrical Power Plants (EPPII), 8 Multifunctional Information Distribution Systems/Low Volume Terminals (MIDS/LVTs), communications equipment, tools and test equipment, support equipment, publications and technical documentation, personnel training and training equipment, spare and repair parts, facility design, U.S. Government and contractor technical, engineering, and logistics support services, and other related elements of logistics and program support.

- **Nov. 5, 2012** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of the United Arab Emirates (UAE) for 48 Terminal High Altitude Area Defense (THAAD) missiles and associated equipment, parts, training and logistical support for an estimated cost of \$1.135 billion. The Government of the United Arab Emirates (UAE) has requested a possible sale of 48 Terminal High Altitude Area Defense (THAAD) missiles, 9 THAAD launchers; test components, repair and return, support equipment, spare and repair parts, personnel training and training equipment, publications and technical data, U.S. Government and contractor technical assistance, and other related logistics support.

- **Nov. 5, 2012** – The Defense Security Cooperation Agency notified Congress November 2 of a possible Foreign Military Sale to the Government of Qatar for two Terminal High Altitude Area Defense (THAAD) Fire Units and associated equipment, parts, training and logistical support for an estimated cost of \$6.5 billion.

The Government of Qatar has requested a possible sale of 2 Terminal High Altitude Area Defense (THAAD) Fire Units, 12 THAAD Launchers, 150 THAAD Interceptors, 2 THAAD Fire Control and Communications, 2 AN/TPY-2 THAAD Radars, and 1 Early Warning Radar (EWR). Also included are fire unit maintenance equipment, prime movers (trucks), generators, electrical power units, trailers, communications equipment, tools, test and maintenance equipment, repair and return, system integration and checkout, spare/repair parts, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor technical and logistics personnel support services, and other related support elements. The estimated cost is \$6.5 billion.

- **July 12, 2012** – The Defense Security Cooperation Agency notified Congress July 10 of a possible Foreign Military Sale to the Government of Qatar for 700 AGM-114K3A or AGM-114R3 HELLFIRE tactical missiles and associated equipment, parts, training and logistical support for an estimated cost of \$137 million.

The Government of Qatar has requested a possible sale of 700 AGM-114K3A or AGM-114R3 HELLFIRE tactical missiles, 25 training missiles, containers, spare and repair parts, support and test equipment, publications and technical data, personnel and training equipment, US Government and contractor logistics, engineering and technical support, and other related elements of program support.

- **July 12, 2012** – The Defense Security Cooperation Agency notified Congress July 10 of a possible Foreign Military Sale to the Government of Qatar for 24 AH-64D APACHE Block III LONGBOW Attack Helicopters and associated equipment, parts, training and logistical support for an estimated cost of \$3.0 billion.

The Government of Qatar has requested a possible sale of 24 AH-64D APACHE Block III LONGBOW Attack Helicopters, 56 T700-GE-701D Engines, 27 AN/ASQ-170 Modernized Target Acquisition and Designation Sight, 27 AN/AAR-11 Modernized Pilot Night Vision Sensors, 12 AN/APG-78 Fire Control Radars (FCR) with Radar Electronics Unit (LONGBOW component), 12 AN/APR-48A Radar Frequency Interferometers, 28 AN/AAR-57(V)7 Common Missile Warning Systems, 30 AN/AVR-2B Laser Detecting Sets, 28 AN/APR-39A(V)4 Radar Signal Detecting Sets, 28 AN/ALQ-136(V)5 Radar Jammers or Equivalent, 160 Integrated Helmet and Display Sight Systems-21, 58 Embedded Global Positioning Systems with Inertial Navigation, 30 30mm Automatic Chain Guns, 8 Aircraft Ground Power Units, 52 AN/AVS-6 Night Vision Goggles, 60 M299A1 HELLFIRE Missile Launchers, 576 AGM-114R HELLFIRE II Missiles, 295 FIM-92H STINGER Reprogrammable Micro Processor (RMP) Block I Missiles, 50 STINGER Air-to-Air Launchers, 4092 2.75 in Hydra Rockets, and 90 APACHE Aviator Integrated Helmets. Also included are M206 infrared countermeasure flares, M211 and M212 Advanced Infrared Countermeasure Munitions (AIRCMM) flares, training devices, helmets, simulators, generators, transportation, wheeled

vehicles and organization equipment, spare and repair parts, support equipment, tools and test equipment, technical data and publications, personnel training and training equipment, US government and contractor engineering, technical, and logistics support services, and other related elements of logistics support.

- **June 28, 2012** – The Defense Security Cooperation Agency notified Congress June 26 of a possible Foreign Military Sale to the Government Qatar of 10 MH-60R SEAHAWK Multi-Mission Helicopters, 12 MH-60S SEAHAWK Multi-Mission Helicopters with the Armed Helicopter Modification Kit, 48 T-700 GE 401C Engines (44 installed and 4 spare) with an option to purchase an additional 6 MH-60S SEAHAWK Multi-Mission Helicopters with the Armed Helicopter Modification Kit and 13 T-700 GE 401C Engines. The estimated cost is \$2.5 billion.

The Government of Qatar has requested a possible sale of 10 MH-60R SEAHAWK Multi-Mission Helicopters, 12 MH-60S SEAHAWK Multi-Mission Helicopters with the Armed Helicopter Modification Kit, 48 T-700 GE 401C Engines (44 installed and 4 spare) with an option to purchase an additional 6 MH-60S SEAHAWK Multi-Mission Helicopters with the Armed Helicopter Modification Kit and 13 T-700 GE 401C Engines (12 installed and 1 spare) at a later date, communication equipment, spare engine containers, support equipment, spare and repair parts, tools and test equipment, technical data and publications, personnel training and training equipment, US government and contractor engineering, technical, and logistics support services, and other related elements of logistics support.

- **June 13, 2012** – The Defense Security Cooperation Agency notified Congress on June 12 of a possible Foreign Military Sale to the Government of Qatar of 12 UH-60M BLACK HAWK Utility Helicopters, 26 T700-GE-701D Engines (24 installed and 2 spares), 15 AN/AAR-57 V(7) Common Missile Warning Systems, 15 AN/AVR-2B Laser Detecting Sets, 15 AN/APR-39A(V)4 Radar Signal Detecting Sets, 26 M240H Machine Guns, and 26 AN/AVS-6 Night Vision Goggles. The estimated cost is \$1.112 billion.

The Government of Qatar has requested a possible sale of 12 UH-60M BLACK HAWK Utility Helicopters, 26 T700-GE-701D Engines (24 installed and 2 spares), 15 AN/AAR-57 V(7) Common Missile Warning Systems, 15 AN/AVR-2B Laser Detecting Sets, 15 AN/APR-39A(V)4 Radar Signal Detecting Sets, 26 M240H Machine Guns, and 26 AN/AVS-6 Night Vision Goggles. Also included are M206 infrared countermeasure flares, M211 and M212 Advanced Infrared Countermeasure Munitions (AIRC) flares, M134D-H Machine Guns, system integration and air worthiness certification, simulators, generators, transportation, wheeled vehicles and organization equipment, spare and repair parts, support equipment, tools and test equipment, technical data and publications, personnel training and training equipment, US government and contractor engineering, technical, and logistics support services, and other related elements of logistics support

- **Sept. 22, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Qatar of 6 MH-60R SEAHAWK Multi- Mission Helicopters and associated equipment, parts, training and logistical support for an estimated cost of \$750 million.

The Government of Qatar has requested a possible sale of 6 MH-60R SEAHAWK Multi-Mission Helicopters, 13 T-700 GE 401C Engines (12 installed and 1 spare), communication equipment, support equipment, spare and repair parts, tools and test equipment, technical data and publications, personnel training and training equipment, US government and contractor engineering, technical, and logistics support services, and other related elements of logistics support.

- **July 11, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Qatar of logistics support and training for two C- 17 Globemaster III aircraft and associated equipment and services. The total value, if all options are exercised, could be as high as \$400 million.
- **Sept. 3, 2003** – the Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Qatar of an AN/AAQ-24(V) NEMESIS Directional Infrared Countermeasures System as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$61 million.

The Government of Qatar has requested a possible sale of one AN/AAQ-24(V) NEMESIS Directional Infrared Countermeasures System which consists

of three small laser turret assemblies, six missile warning sensors, one system processor, one control indicator unit, two signal repeaters, included associated support equipment, spare and repair parts, publications, personnel training and training equipment, technical assistance, contractor technical and logistics personnel services and other related elements of program support.

## Saudi Arabia

- **Oct. 1, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to the Kingdom of Saudi Arabia for a Patriot Air Defense System with PAC-3 enhancement and associated equipment, parts, training and logistical support for an estimated cost of \$1.750 billion. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale on September 30, 2014.

The Kingdom of Saudi Arabia has requested a possible sale of 202 Patriot Advanced Capability (PAC) -3 Missiles with containers, and 1 Guidance Enhanced Missile (GEM) Flight Test Target/Patriot as a Target. Also included are 2 PAC-3 Telemetry Kits, 6 Fire Solution Computers, 36 Launcher Station Modification Kits, 2 Missile Round Trainers, 2 PAC-3 Slings, 6 Patriot Automated Logistics Systems Kits, 6 Shorting Plugs, spare and repair parts, lot validation and range support, ground support equipment, repair and return, publications and technical documentation, personnel training and training equipment, Quality Assurance Team, U.S. Government and contractor technical and logistics support services, and other related elements of logistics and program support. The estimated cost is \$1.750 billion.

- **Aug. 12, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Saudi Arabia for an AWACS modernization program and associated equipment, parts, training and logistical support for an estimated cost of \$2.0 billion. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale on August 12, 2014.

The Kingdom of Saudi Arabia (KSA) has requested a sale of 5 Airborne Warning and Control System (AWACS) Block 40/45 Mission Computing Upgrade systems, 20 Next Generation Identification Friend or Foe (NG IFF) AN/UPX-40, communication equipment, provisioning, spare and repair parts, support equipment, Mission Planning System, repair and return, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor logistics and technical support services, and other related elements of logistics and program support. The Block 40/45 major defense equipment includes new mission computing hardware and software with open architecture – including computers, servers, and mission interactive displays. The NG IFF major defense equipment includes receivers, interrogators and processor hardware for earlier detection of friendly contacts. The total estimated cost is \$2.0 billion.

- **April 21, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to Saudi Arabia for support services and associated equipment, parts, training and logistical support for an estimated cost of \$80 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale on April 17, 2014.

The Government of Saudi Arabia has requested a possible sale to provide three years of support services for the Facilities Security Forces- Training and Advisory Group (FSF-TAG) in Riyadh, Saudi Arabia in support of the Kingdom of Saudi Arabia Ministry of Interior (MOI). The support will include technical assistance and advisory support salaries, housing, office equipment, training, maintenance, vehicles, travel, furniture, and other related support. The estimated cost is \$80 million.

- **Dec. 5, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Kingdom of Saudi Arabia for tube-launched, optically-tracked wire-guided 2A/2B radio-frequency (RF) Missiles and associated equipment, parts, training and logistical support for an estimated cost of \$900 million.

The Kingdom of Saudi Arabia has requested a possible sale of 9,650 BGM-71 2A Tube-Launched, Optically-Tracked Wire-Guided (TOW) Radio-Frequency (RF) missiles, 4,145 BGM-71 2B Tube-Launched, Optically-Tracked Wire-Guided Aero RF missiles, 91 TOW-2A Fly-to-Buy missiles, 49

TOW-2B Fly-to-Buy missiles, containers, spare and repair parts, support equipment, tools and test equipment, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering, logistics, and technical support services, and other related elements of logistics and program support. The estimated cost is \$900 million.

- **Dec. 5, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Kingdom of Saudi Arabia for tube-launched, optically-tracked wire-guided missiles and associated equipment, parts, training and logistical support for an estimated cost of \$170 million.

The Kingdom of Saudi Arabia has requested the possible sale of 750 BGM-71 2B Tube-launched, Optically-tracked Wire-guided (TOW) missiles, 7 Fly-to-Buy TOW2B missiles, 1,000 BGM-71 2A TOW missiles, 7 Fly-to-Buy TOW2A missiles, containers, spare and repair parts, support equipment, tools and test equipment, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering, logistics, and technical support services, and other related elements of logistics and program support. The estimated cost is \$170 million.

- **Nov. 18, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Saudi Arabia of C4I system upgrades and maintenance and associated equipment, parts, training and logistical support for an estimated cost of \$1.1 billion.

The Government of Saudi Arabia has requested a possible sale of C4I system upgrades and maintenance including: 109 Link-16 Multifunction Information Distribution System Low Volume Terminals (MIDS-LVT), Global Command and Control Systems – Joint (GCCS-J), Identification Friend or Foe (IFF), Commercial Satellite Communications (SATCOM), Combined Enterprise Regional Information Exchange System (CENTRIXS) and follow-on systems, Commercial High Frequency (HF) Radios, Commercial Ultra High Frequency/ Very High Frequency (UHF/VHF) Radios, HF Voice and Data, HF Sub-Net Relay (SNR), Commercial HF Internet Protocol (IP)/SNR, Global Positioning System (GPS), Air Defense System Interrogator (ADSI), communications support equipment, information technology upgrades, spare and repair parts, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering and technical support, and other elements of program support. The estimated cost is \$1.1 billion.

- **Oct. 15, 2013** - The Defense Security Cooperation Agency notified Congress on Oct. 11 of a possible Foreign Military Sale to Saudi Arabia of various munitions and associated equipment, parts, training and logistical support for an estimated cost of \$6.8 billion.

The Government of Saudi Arabia has requested a possible sale of 650 AGM-84H Standoff Land Attack Missiles-Expanded Response (SLAM-ER), 973 AGM-154C Joint Stand Off Weapons (JSOW), 400 AGM-84L Harpoon Block II missiles, 1000 GBU-39/B Small Diameter Bombs (SDB), 40 CATM-84H Captive Air Training Missiles (CATM), 20 ATM-84H SLAM-ER Telemetry Missiles, 4 Dummy Air Training Missiles, 60 AWW-13 Data Link pods, 10 JSOW CATMs, 40 Harpoon CATMs, 20 ATM-84L Harpoon Exercise Missiles, 36 SDB Captive Flight and Load Build trainers, containers, mission planning, integration support and testing, munitions storage security and training, weapon operational flight program software development, transportation, tools and test equipment, support equipment, spare and repair parts, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering and logistics support services, and other related elements of logistics support. The estimated total cost is \$ 6.8 billion.

- **Oct. 15, 2013** - The Defense Security Cooperation Agency notified Congress on Oct. 11 of a possible Foreign Military Sale to Saudi Arabia of support services for an estimated cost of \$90 million.

The Government of Saudi Arabia has requested a possible sale of support services to its Ministry of Defense for three years. The U.S. Military Training Mission (USMTM) in Riyadh, Saudi Arabia is the Security Cooperation Organization (SCO) responsible for identifying, planning, and executing U.S. security cooperation training and advisory support for the Kingdom of Saudi Arabia's Ministry of Defense. The estimated cost is \$90 million.

- **Aug. 23, 2013** - The Defense Security Cooperation Agency notified Congress Aug 22 of a possible Foreign Military Sale to Saudi Arabia of follow-on support and services for Royal Saudi Air Force (RSAF) aircraft and associated equipment, parts, training and logistical support for an estimated cost of \$1.2 billion.

The Government of Saudi Arabia has requested a possible sale of follow-on support and services for Royal Saudi Air Force (RSAF) aircraft, engines and weapons, to include contractor technical services, logistics support, maintenance support, spares, equipment repair, expendables, support and test equipment, communication support, precision measuring equipment, personnel training and training equipment, technical support, exercises, deployments and other related elements of program support services, U.S. Government and contractor technical and logistics support services, and other related elements of logistical and program support. The estimated cost is \$1.2 billion.

- **July 10, 2013** - The Defense Security Cooperation Agency notified Congress July 9 of a possible Foreign Military Sale to Saudi Arabia of 30 Mark V patrol boats and associated equipment, parts, training and logistical support for an estimated cost of \$1.2 billion.

The Kingdom of Saudi Arabia has requested a possible sale of 30 Mark V patrol boats, 32 27mm guns, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, U.S. Government and contractor engineering, technical, and logistics support services, and other related elements of logistics support. The estimated cost is \$1.2 billion.

- **June 20, 2013** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to Saudi Arabia for the continuation of the United States-supported effort to modernize the Saudi Arabian National Guard (SANG), and associated equipment, parts, training and logistical support for an estimated cost of \$4.0 billion.

The Government of Saudi Arabia has requested a possible sale for the continuation of the United States-supported effort to modernize the Saudi Arabian National Guard (SANG), consisting of the following defense services: OPM-SANG operation, support and equipment, and Modernization Program support, personnel training and training equipment, transportation, repair and return, spare and repair parts, automation initiatives, SANG Health Affairs Program support, construction, communication and support equipment, publications and technical documentation, U.S. Government and contractor technical, engineering, and logistics support services, and other related elements of program support. The estimated cost is \$4.0 billion.

- **Nov. 28, 2012** – The Defense Security Cooperation Agency notified Congress November 26 of a possible Foreign Military Sale to the Kingdom of Saudi Arabia for technical services to recertify the functional shelf life of up to 300 PATRIOT Advanced Capability-2 (PAC-2) (MIM-104D) Guidance Enhanced Missiles and associated equipment, parts, training and logistical support for an estimated cost of \$130 million.

The Government of Saudi Arabia has requested a possible sale of technical services to recertify the functional shelf life of up to 300 PATRIOT Advanced Capability-2 (PAC-2) (MIM-104D) Guidance Enhanced Missiles (GEM), modernization of existing equipment, spare and repair parts, support equipment, U.S. Government and contractor representatives logistics, engineering, and technical support services, and other related elements of logistics and program support.

- **Nov. 26, 2012** – The Defense Security Cooperation Agency notified Congress Nov 26 of a possible Foreign Military Sale to the Kingdom of Saudi Arabia for a Foreign Military Sales Order II to provide funds for blanket order requisitions under the Cooperative Logistics Supply Support Arrangement for an estimated cost of \$300 million.

The Government of the Kingdom of Saudi Arabia has requested a possible sale of a Foreign Military Sales Order II to provide funds for blanket order requisitions under the Cooperative Logistics Supply Support Arrangement, for spare parts in support of M1A2 Abrams Tanks, M2 Bradley Fighting Vehicles, High Mobility Multipurpose Wheeled Vehicles, equipment, support vehicles and other related logistics support. The estimated cost is \$300 million.

- **Nov. 9, 2012** – The Defense Security Cooperation Agency notified Congress Nov. 8 of a possible Foreign Military Sale to the Kingdom of Saudi Arabia for 20 C-130J-30 Aircraft and 5 KC-130J Air Refueling Aircraft, as well as associated equipment, parts, training and logistical support. The Kingdom of Saudi Arabia (KSA) also requested 120 Rolls Royce AE2100D3 Engines (100 installed and 20 spares), 25 Link-16 Multifunctional Information Distribution Systems, support equipment, spare and repair parts, personnel training and training equipment, publications and technical data, U.S. Government and contractor technical assistance, and other related logistics support. The total estimated cost is \$6.7 billion.
- **Aug. 15, 2012** – The Defense Security Cooperation Agency notified Congress August 9 of a possible Foreign Military Sale to the Government of the Kingdom of Saudi Arabia for ten Link-16 capable data link systems and Intelligence, Surveillance, and Reconnaissance (ISR) suites and associated equipment, parts, training and logistical support at an estimated cost of \$257 million

The Government of the Kingdom of Saudi Arabia (KSA) has requested a possible sale of ten Link-16 capable data link systems and Intelligence, Surveillance, and Reconnaissance (ISR) suites for four KSA-provided King Air 350ER aircraft and associated ground support, with an option to procure, via a Foreign Military Sales, an additional four King Air 350ER aircraft with enhanced PT6A-67A engines and spare parts equipped with the same ISR suites. The ISR suites include a Com-Nav Surveillance/Air Traffic Management cockpit, RF-7800MMP High Frequency Radios with encryption, AN/ARC-210 Very High Frequency/Ultra High Frequency/Satellite Communication Transceiver Radios with Have Quick II and encryption, a High Speed Data Link, an AN/APX-114/119 Identification Friend or Foe Transponder, Embedded Global Positioning System/Inertial Navigations Systems (GPS/INS) with a Selective Availability Anti-spoofing Module (SAASM), AN/AAR-60 Infrared Missile Warning and AN/ALE-47 Countermeasures System, Electro-Optical Sensor, SIGINT System, Synthetic Aperture Radar. Also included are Ground Stations, Training Aids, C<sup>4</sup>I Integration, aircraft modifications, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, aircraft ferry, US Government and contractor technical, engineering, and logistics support services, and other related elements of logistics support.

- **Aug. 6, 2012** – The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the Government of the Kingdom of Saudi Arabia for follow-on support and services for the Royal Saudi Air Force at an estimated cost of \$850 million.

The Kingdom of Saudi Arabia has requested a possible sale of follow-on support and services for the Royal Saudi Air Force aircraft, engines and weapons; publications and technical documentation; airlift and aerial refueling; support equipment; spare and repair parts; repair and return; personnel training and training equipment; US Government and contractor technical and logistics support services; and other related elements of logistical and program support.

- **Dec. 22, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Kingdom of Saudi Arabia of the continuation of services for the PATRIOT Systems Engineering Services Program (ESP) and associated equipment, parts, training and logistical support for an estimated cost of \$120 million.
- **Oct. 26, 2011** – The Defense Security Cooperation Agency notified Congress Oct. 26 of a possible Foreign Military Sale to the Kingdom of Saudi Arabia for 124 M1151A1-B1 Up-Armored High Mobility Multi-Purpose Wheeled Vehicles (HMMWVs), 99 M1152A1-B2 Up-Armored HMMWVs and associated equipment, parts, training and logistical support for an estimated cost of \$33 million.
- **Sept. 19, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Kingdom of Saudi Arabia of Howitzers, radars, ammunition and associated equipment, parts, training and logistical support for an estimated cost of \$886 million.  
The Government of the Kingdom of Saudi Arabia has requested a possible sale for 36 M777A2 Howitzers, 54 M119A2 Howitzers, 6 AN/TPQ-36(V) Fire Finder Radar Systems, 24 Advanced Field Artillery Tactical Data Systems (AFATDS), 17,136 rounds M107 155mm High Explosive (HE) ammunition, 2,304 rounds M549 155mm Rocket Assisted Projectiles (RAPs), 60 M1165A1 High Mobility Multipurpose Vehicles (HMMWVs), 120 M1151A1 HMMWVs, 252 M1152A1 HMMWVs, Export Single Channel Ground And Airborne Radio Systems (SINCGARS), electronic support systems, 105mm ammunition, various wheeled/tracked support vehicles, spare and repair parts, technical manuals and publications, translation services, training, USG and



contractor technical assistance, and other related elements of logistical and program support.

- **June 13, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Saudi Arabia of a variety of light armored vehicles and associated equipment, parts, training and logistical support for an estimated cost of \$350 million. The Government of Saudi Arabia has requested a possible sale of 25 LAV-25 series Light Armored Vehicles, 8 LAV Assault Guns, 8 LAV Anti-Tank Vehicles, 6 LAV Mortars, 2 LAV Recovery Vehicles, 24 LAV Command and Control Vehicles, 3 LAV Personnel Carriers, 3 LAV Ammo Carriers, 1 LAV Engineer Vehicle, 2 LAV Ambulances, AN/VRC 90E and AN/VRC-92E Export Single Channel Ground and Airborne Radio Systems (SINCGARS), battery chargers, spare and repair parts, publications and technical documentation, personnel training and training equipment, US Government and contractor engineering and technical support services, and other related elements of logistical and program support.
- **June 13, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Saudi Arabia of 404 CBU-105D/B Sensor Fuzed Weapons and associated equipment, parts, training and logistical support for an estimated cost of \$355 million. The Government of Saudi Arabia has requested a possible sale of 404 CBU-105D/B Sensor Fuzed Weapons, 28 CBU-105 Integration test assets, containers, spare and repair parts, support and test equipment, personnel training and training equipment, publications and technical documentation, US Government and contractor engineering, technical, and logistics support services, and other related elements of logistics support.
- **June 13, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Saudi Arabia of a variety of light armored vehicles and associated equipment, parts, training and logistical support for an estimated cost of \$263 million. The Government of Saudi Arabia has requested a possible sale of 23 LAV-25mm Light Armored Vehicles (LAV), 14 LAV Personnel Carriers, 4 LAV Ambulances, 3 LAV Recovery Vehicles, 9 LAV Command and Control Vehicles, 20 LAV Anti-Tank (TOW) Vehicles, 155 AN/PVS-7B Night Vision Goggles, M257 Smoke Grenade Launchers, Improved Thermal Sight Systems (ITSS) and Modified Improved TOW Acquisition Systems (MITAS), Defense Advanced Global Positioning System Receivers, AN/USQ-159 Camouflage Net Sets, M2A2 Aiming Circles, compasses, plotting boards, reeling machines, sight bore optical sets, telescopes, switchboards, driver vision enhancers, spare and repair parts, support and test equipment, personnel training and training equipment, publications and technical documentation, US Government and contractor engineering, technical and logistics support services, and other related elements of logistics support.
- **May 12, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale Order to the Kingdom of Saudi Arabia for various night and thermal vision equipment, including parts and logistical support with an estimated cost of \$330 million. The Government of the Kingdom of Saudi Arabia has requested a possible sale of 200 High-performance In- Line Sniper Sight (HISS) Thermal Weapon Sights - 1500 meter, 200 MilCAM Recon III LocatIR Long Range, Light Weight Thermal Binoculars with Geo Location, 7,000 Dual Beam Aiming Lasers (DBAL A2), 6000 AN/PVS-21 Low Profile Night Vision Goggles (LPNVG), spare and repair parts, support equipment, technical documentation and publications, translation services, training, U. S. government and contractor technical and logistics support services, and other related elements of logistical and program support.
- **Nov. 18, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Saudi Arabia of 150 JAVELIN Guided Missiles and associated equipment, parts and logistical support for a complete package worth \$71 million. The Kingdom of Saudi Arabia has requested a possible sale of 150 JAVELIN Guided Missiles, 12 Fly-to-Buy Missiles, 20 JAVELIN Command Launch Units (CLUs) with Integrated Day/Thermal Sight, containers, missile simulation rounds, Enhanced Producibility Basic Skills Trainer (EPBST), rechargeable and non-rechargeable batteries, battery dischargers, chargers, and coolant units, support equipment, spare and repair parts, publications and technical data, US Government and contractor engineering and logistics personnel services, and other related elements of logistics support.
- **Oct. 20, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Saudi Arabia of:

- 84 F-15SA Aircraft
- 170 APG-63(v)3 Active Electronically Scanned Array Radar (AESA) radar sets
- 193 F-110-GE-129 Improved Performance Engines
- 100 M61 Vulcan Cannons
- 100 Link-16 Multifunctional Information Distribution System/Low Volume Terminal (MIDS/LVT) and spares
- 193 LANTIRN Navigation Pods (3<sup>rd</sup> Generation-Tiger Eye)
- 338 Joint Helmet Mounted Cueing Systems (JHMCS)
- 462 AN/AVS-9 Night Vision Goggles (NVGS)
- 300 AIM-9X SIDEWINDER Missiles
- 25 Captive Air Training Missiles (CATM-9X)
- 25 Special Air Training Missiles (NATM-9X)
- 500 AIM-120C/7 Advanced Medium Range Air-to-Air Missiles (AMRAAM)
- 25 AIM-120 CATMs
- 1,000 Dual Mode Laser/Global Positioning System (GPS) Guided Munitions (500 lb.)
- 1,000 Dual Mode Laser/GPS Guided Munitions (2000 lb.)
- 1,100 GBU-24 PAVEWAY III Laser Guided Bombs (2000lb)
- 1,000 GBU-31B V3 Joint Direct Attack Munitions (JDAM) (2000 lb.)
- 1,300 CBU-105D/B Sensor Fuzed Weapons (SFW)/Wind Corrected Munitions Dispenser (WCMD)
- 50 CBU-105 Inert
- 1,000 MK-82 500lb General Purpose Bombs
- 6,000 MK-82 500lb Inert Training Bombs
- 2,000 MK-84 2000lb General Purpose Bombs
- 2,000 MK-84 2000lb Inert Training Bombs
- 200,000 20mm Cartridges
- 400,000 20mm Target Practice Cartridges
- 400 AGM-84 Block II HARPOON Missiles

- 600 AGM-88B HARM Missiles
- 169 Digital Electronic Warfare Systems (DEWS)
- 158 AN/AAQ-33 Sniper Targeting Systems
- 169 AN/AAS-42 Infrared Search and Track (IRST) Systems
- 10 DB-110 Reconnaissance Pods
- 462 Joint Helmet Mounted Cueing System Helmets
- 40 Remotely Operated Video Enhanced Receiver (ROVER)
- 80 Air Combat Maneuvering Instrumentation Pods

Also included are the upgrade of the existing Royal Saudi Air Force (RSAF) fleet of seventy (70) F-15S multi-role fighters to the F-15SA configuration, the provision for CONUS-based fighter training operations for a twelve (12) F-15SA contingent, construction, refurbishments, and infrastructure improvements of several support facilities for the F-15SA in-Kingdom and/or CONUS operations, RR-188 Chaff, MJU-7/10 Flares, training munitions, Cartridge Actuated Devices/Propellant Actuated Devices, communication security, site surveys, trainers, simulators, publications and technical documentation, personnel training and training equipment, US government and contractor engineering, technical, and logistical support services, and other related elements of logistical and program support. The estimated cost is \$29.432 billion.

- **Oct. 20, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Saudi Arabia of:

- 10 AH-64D Block III APACHE Longbow Helicopters
- 28 T700-GE-701D Engines
- 13 Modernized Targeting Acquisition and Designation Systems/Pilot
- Night Vision Sensors
- 7 AN/APG-78 Fire Control Radars with Radar Electronics Unit
- (Longbow Component)
- 7 AN/APR-48A Radar Frequency Interferometer
- 13 AN/APR-39 Radar Signal Detecting Sets
- 13 AN/AVR-2B Laser Warning Sets
- 13 AAR-57(V)3/5 Common Missile Warning Systems
- 26 Improved Countermeasures Dispensers
- 26 Improved Helmet Display Sight Systems
- 14 30mm Automatic Weapons

- 6 Aircraft Ground Power Units
- 14 AN/AVS-9 Night Vision Goggles
- 640 AGM-114R HELLFIRE II Missiles
- 2,000 2.75 in 70mm Laser Guided Rockets
- 307 AN/PRQ-7 Combat Survivor Evader Locators
- BS-1 Enhanced Terminal Voice Switch
- Fixed-Base Precision Approach Radar
- Digital Airport Surveillance Radar
- DoD Advanced Automation Service
- Digital Voice Recording System

Also included are trainers, simulators, generators, training munitions, design and construction, transportation, tools and test equipment, ground and air based SATCOM and line of sight communication equipment, Identification Friend or Foe (IFF) systems, GPS/INS, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, US Government and contractor engineering, technical, and logistics support services, and other related elements of program support. The estimated cost is \$2.223 billion.

- **Oct. 20, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Saudi Arabia of:
  - 24 AH-64D Block III APACHE Longbow Helicopters
  - 58 T700-GE-701D Engines
  - 7 Modernized Targeting Acquisition and Designation Systems/Pilot
    - Night Vision Sensors
  - 10 AN/APG-78 Fire Control Radars with Radar Electronics Unit
    - (Longbow Component)
  - 10 AN/APR-48A Radar Frequency Interferometer
  - 27 AN/APR-39 Radar Signal Detecting Sets
  - 27 AN/AVR-2B Laser Warning Sets
  - 27 AAR-57(V)3/5 Common Missile Warning Systems
  - 54 Improved Countermeasures Dispensers
  - 28 30mm Automatic Weapons
  - 6 Aircraft Ground Power Units

- 48 AN/AVS-9 Night Vision Goggles
- 106 M299A1 HELLFIRE Longbow Missile Launchers
- 24 HELLFIRE Training Missiles
- 1,536 AGM-114R HELLFIRE II Missiles
- 4,000 2.75 in 70mm Laser Guided Rockets
- 307 AN/PRQ-7 Combat Survivor Evader Locators
- BS-1 Enhanced Terminal Voice Switch
- Fixed-Base Precision Approach Radar
- Digital Airport Surveillance Radar
- DoD Advanced Automation Service
- Digital Voice Recording System

Also included are trainers, simulators, generators, training munitions, design and construction, transportation, tools and test equipment, ground and air based SATCOM and line of sight communication equipment, Identification Friend or Foe (IFF) systems, GPS/INS, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, US Government and contractor engineering, technical, and logistics support services, and other related elements of program support. The estimated cost is \$3.3 billion.

- **Oct. 20, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of Saudi Arabia of:
  - 36 AH-64D Block III APACHE Helicopters
  - 72 UH-60M BLACKHAWK Helicopters
  - 36 AH-6i Light Attack Helicopters
  - 12 MD-530F Light Turbine Helicopters
  - 243 T700-GE-701D Engines
  - 40 Modernized Targeting Acquisition and Designation Systems/Pilot
  - Night Vision Sensors
  - 20 AN/APG-78 Fire Control Radars with Radar Electronics Unit
  - 20 AN/APR-48A Radar Frequency Interferometer
  - 171 AN/APR-39 Radar Signal Detecting Sets
  - 171 AN/AVR-2B Laser Warning Sets
  - 171 AAR-57(V)3/5 Common Missile Warning Systems

- 318 Improved Countermeasures Dispensers
- 40 Wescam MX-15Di (AN/AAQ-35) Sight/Targeting Sensors
- 40 GAU-19/A 12.7mm (.50 caliber) Gatling Guns
- 108 Improved Helmet Display Sight Systems
- 52 30mm Automatic Weapons
- 18 Aircraft Ground Power Units
- 168 M240H Machine Guns
- 300 AN/AVS-9 Night Vision Goggles
- 421 M310 A1 Modernized Launchers
- 158 M299 HELLFIRE Longbow Missile Launchers
- 2,592 AGM-114R HELLFIRE II Missiles
- 1,229 AN/PRQ-7 Combat Survivor Evader Locators
- 4 BS-1 Enhanced Terminal Voice Switches
- 4 Digital Airport Surveillance Radars
- 4 Fixed-Base Precision Approach Radar
- 4 DoD Advanced Automation Service
- 4 Digital Voice Recording System

Also included are trainers, simulators, generators, munitions, design and construction, transportation, wheeled vehicles and organization equipment, tools and test equipment, communication equipment, Identification Friend or Foe (IFF) systems, GPS/INS, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, US Government and contractor engineering, technical, and logistics support services, and other related elements of program support. The estimated cost is \$25.6 billion.

- **Sept. 15, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Kingdom of Saudi Arabia for continuation of a blanket order training program as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$350 million.
- **Dec. 17, 2009** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of 2,742 BGM-71E-4B-RF Tube-Launched, Optically-Tracked, Wire-Guided (TOW-2A) Radio Frequency missiles and associated parts, equipment, training and logistical support for a complete package worth approximately \$177 million.  
The Government of Saudi Arabia has requested a possible sale for 2,742 BGM-71E-4B-RF Tube- Launched, Optically-Tracked, Wire-Guided (TOW-2A) Radio Frequency missiles (42 missiles are for lot acceptance testing), publications and technical documentation, and other related elements of logistics support. The proposed sale will support efforts to modernize the Saudi Arabian National Guard (SANG).

- **Aug. 6, 2009** – The Defense Security Cooperation Agency notified Congress of a possible foreign military sale to the Government of Saudi Arabia of Communication Navigation and Surveillance/Air Traffic Management upgrades for an estimated cost of \$1.5 billion.
- The Government of Saudi Arabia has requested a possible sale of a two-phased approach for the Communication Navigation and Surveillance/Air Traffic Management upgrades of the communication and navigation systems for the Royal Saudi Air Force's fleet of 13 RE-3, KE-3, and E-3 aircraft. Phase One will include Global Positioning System/Inertial Navigation Systems, 8.33 kHz Very High Frequency radios, Traffic Collision Avoidance Systems, Mode S Transponders, Mode 4/5 Identification Friend or Foe Encryption, High Frequency radio replacements, Multifunctional Information Display Systems for Link 16 operations, Have Quick II radios, Satellite Communications and Common Secure Voice encryptions. Phase 2 will include digital flight deck instrumentation and displays, flight director system/autopilot, flight management system, cockpit data line message and combat situational awareness information. Also included are spare and repair parts, support and test equipment, publication and technical documentation, personnel training and training equipment, personnel support and test equipment to include flight simulators, US government and contractor engineering support, technical and logistics support services, and other related elements of logistical and program support.
- **Aug. 5, 2009** – The Defense Security Cooperation Agency notified Congress of a possible foreign military sale to the Government of Saudi Arabia of Tactical Airborne Surveillance System (TASS) aircraft upgrades for an estimated cost of \$530 million.  
The Government of Saudi Arabia has requested services to upgrade the TASS aircraft, installation of 10 AN/ARC-230 High Frequency Secure Voice/Data Systems, 25 AN/ARC-231 or 25 AN/ARC-210 Very High Frequency/Ultra High Frequency (VHF/UHF) Secure Voice/Data Systems, four Multifunctional Information Distribution System-Low Volume Terminals (MIDS-LVT), four LN-100GT Inertial Reference Units, 25 SY-100 or functional equivalent Crypto Systems, seven SG-250 or functional equivalent Crypto Systems, six SG-50 or functional equivalent, 10 CYZ-10 Fill Devices, modification of existing ground stations, TASS equipment trainer, mission scenario generator (simulator), and maintenance test equipment; spare and repair parts, support and test equipment, personnel training and training equipment, publications and technical documentation including flight/operator/maintenance manuals, modification/construction of facilities, US Government and contractor engineering and support services and other related elements of logistics support.
- **Sept. 26, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of AIM-9X SIDEWINDER missiles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$164 million.  
The Government of Saudi Arabia has requested a possible sale of 250 All-Up-Round AIM-9X SIDEWINDER Missiles, 84 AIM-9X SIDEWINDER Captive Air Training Missiles (CATMs), 12 AIM-9X SIDEWINDER Dummy Air Training Missiles (DATMs), missile containers, missile modifications, test sets and support equipment, spare and repair parts, publications and technical data, maintenance, personnel training and training equipment, contractor engineering and technical support services, and other related elements of logistics support.
- **Sept. 26, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of AN/FPS-117 Long Range Radar Upgrade as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$145 million.
- **Sept. 26, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of Multifunctional Information Distribution System/Low Volume Terminals as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$31 million.  
The Government of Saudi Arabia has requested a possible sale of 80 Link 16 Multifunctional Information Distribution System/Low Volume Terminals (MIDS/LVT-1) to be installed on United Kingdom Eurofighter Typhoon aircraft, data transfer devices, installation, testing, spare and repair parts, support equipment, personnel training, training equipment, contractor engineering and technical support, and other related elements of program support.
- **July 18, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of continued assistance in the modernization of the Saudi Arabian National Guard (SANG) as well as associated equipment and services. The total value, if all options are

exercised, could be as high as \$1.8 billion.

- **Jan. 14, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of Joint Direct Attack Munitions as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$123 million. The Government of Saudi Arabia has requested a possible sale of 900 Joint Direct Attack Munitions (JDAM) tail kits (which include 550 GBU-38 for MK-82, 250 GBU-31 for MK-84, and 100 GBU-31 for BLU-109). Also included are bomb components, mission planning, aircraft integration, publications and technical manuals, spare and repair parts, support equipment, contractor engineering and technical support, and other related elements of program support.
- **Dec. 7, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of AN/AAQ-33 SNIPER Targeting Pods as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$220 million. The Government of Saudi Arabia has requested a possible sale of 40 AN/AAQ-33 SNIPER Advanced Targeting Pods, aircraft installation and checkout, digital data recorders/cartridges, pylons, spare and repair parts, support equipment, publications and technical documentation, contractor engineering and technical support, and other related elements of program support.
- **Dec. 7, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of mission equipment for AWACS aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$400 million. The Government of Saudi Arabia has requested a possible sale of five sets of Airborne Early Warning (AEW) and Command, Control and Communications (C3) mission equipment/Radar System Improvement Program (RSIP) Group B kits for subsequent installation and checkout in five E-3 Airborne Warning and Control Systems (AWACS). In addition, this proposed sale will include spare and repair parts, support equipment, publications and technical documentation, contractor engineering and technical support, and other related elements of program support.
- **Oct. 4, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of Light Armored Vehicles and High Mobility Multi-Purpose Wheeled Vehicles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$631 million. The Government of Saudi Arabia has requested a possible sale for:
  - 37 Light Armored Vehicles - Assault Gun (LAV-AG)
  - 26 LA V-25 mm
  - 48 LA V Personnel Carriers
  - 5 Reconnaissance LAVs
  - 5 LAV Ambulances
  - LAV Recovery Vehicles
  - 25 M1165A1 High Mobility Multi-purpose Wheeled Vehicles (HMMWV)
  - 25 M1165A1 HMMWV with winch
  - 124 M240 7.62mm Machine Guns
  - 525 AN/PVS-7D Night Vision Goggles (NVGs):



Various M978A2 and M984A2 Heavy Expanded Mobility Tactical Trucks, family of Medium Tactical Vehicles, 120mm Mortar Towed, M242 25mm guns, spare and repair parts; sets, kits, and outfits; support equipment; publications and technical data; personnel training and training equipment; contractor engineering and technical support services and other related elements of logistics support.

- **Nov. 13, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the government of Saudi Arabia of 155 General Electric (GE) F110- GE129 engines or 20 Pratt & Whitney F100-PW229 engines in support of F-15S aircraft.

The Government of Saudi Arabia has requested a possible sale of either option or a combination of: a) 155 General Electric (GE) F110-GE129 engines in support of F-15S aircraft; b) 20 Pratt & Whitney (P&W) F100-PW229 engines to restore/refurbish the Royal Saudi Air Force (RSAF) current inventory of P&W engines; support equipment; engine improvement program services; flight tests; Technical Coordination Group/International Engine Management; Hush House refurbishment; aircraft integration; program management; publications; trainers; mission planning; training; spare and repair parts; repair and return services; contractor technical assistance and other related elements of logistics support. The estimated cost is \$1.5 billion.

- **Sept. 27, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia for the continued effort to modernize the Saudi Arabian National Guard (SANG). The total value, if all options are exercised, could be as high as \$84 million.

The Government of Saudi Arabia has requested a possible sale for the continuation of the United States supported effort to modernize the SANG by providing Major Defense Equipment (MDE) and non-MDE items:

552 AN/VRC-90E Single Channel Ground and Airborne Radio Systems (SINCGARS) Vehicular Single Long-Range Radio Systems; 225 AN/VRC-92E SINCGARS Vehicular Single Long-Range Radio Systems Dual Long Range; 1,214 AN/PRC-119 E SINCGARS Man-pack Single Long-Range Radio Systems Man-pack and vehicular installation kits, communications management system computers, antennas, programmable fill devices, support equipment; publications and technical data; personnel training and training equipment; contractor engineering and technical support services and other related elements of logistics support.

- **July 28, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of the remanufacture and upgrade of AH-64A to AH-64D Apache helicopters as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$400 million.

The Government of Saudi Arabia has requested a possible sale of the remanufacture and upgrade of 12 AH-64A APACHE attack helicopters to AH-64D configuration, 10 spare T-700-GE-701A engines converted to T-700-GE-701D models, Modernized Targeting Acquisition and Designation Systems, spare and repair parts, communications equipment, support equipment, simulators, quality assurance teams, chemical masks, tools and test sets, chaff dispensers, Integrated Helmet and Display Sight Systems, electronic equipment, test facility spares, publications, Quality Assurance Teams service, personnel training and training equipment, US Government and contractor technical support and other related elements of logistics support.

- **July 28, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of M1A1 and upgrade of M1A2 to M1A2S Abrams tanks as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$2.9 billion.

The Government of Saudi Arabia has requested a possible sale and reconfiguration for 58 M1A1 Abrams tanks, which, together with 315 M1A2 Abrams tanks already in Saudi Arabia's inventory, will be modified and upgraded to the M1A2S (Saudi) Abrams configuration, kits, spare and repair parts, communications and support equipment, publications and technical data, personnel training and training equipment, contractor engineering and technical support services and other related elements of logistics support.

- **July 21, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia to provide funds for

blanket order requisitions, under a Cooperative Logistics Supply Support Agreement (CLSSA). The total value, if all options are exercised, could be as high as \$276 million.

Government of Saudi Arabia has requested a possible sale for a Foreign Military Sales Order (FMSO) to provide funds for blanket order requisitions FMSO II, under the CLSSA for spare parts in support of M1A2 Abrams Tanks, M2 Bradley Fighting Vehicles, High Mobility Multipurpose Wheeled Vehicles (HMMWVs), construction equipment, and support vehicles and equipment in the inventory of the Royal Saudi Land Forces Ordnance Corps.

- **July 20, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia to continue modernization of the Saudi Arabian National Guard (SANG). The total value, if all options are exercised, could be as high as \$5.8 billion.

The Government of Saudi Arabia has requested a possible sale for the continuation of the United States supported effort to modernize the SANG by providing Major Defense Equipment (MDE) and non-MDE items:

- 724 LAV-25, LAV-AG, LAV-M, LAV-AT, LAV-CC, LAV-PC, LAV-A, LAV-AC LAV-E and LAV-R Light Armored Vehicles (LAV)
- 1,160 AN/VRC-90E Single Channel Ground and Airborne Radio Systems (SINCGARS) Vehicular Single Long-Range Radio Systems
- 627 AN/VRC-92E SINCGARS Vehicular Single Long-Range Radio Systems
- 518 AN/VRC-119 E SINCGARS Vehicular Single Long-Range Radio Systems
- 2,198 SINCGARS Spearhead Handheld
- 1,700 AN/AVS-7D Night Vision Goggles (NVG)
- 432 AN/PVS-14 NVG
- 630 AN/PAS-13 Thermal Weapon Sight
- 162 84mm Recoilless Rifle

Also included are Harris Corporation Commercial High Frequency Radios; various commercial vehicles; fixed facilities and ranges; simulations; generators; battery chargers; protective clothing; shop equipment; training devices; spare and repair parts; sets, kits, and outfits; support equipment; publications and technical data; personnel training and training equipment; contractor engineering and technical support services and other related elements of logistics support.

- **July 20, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of UH-60L Utility/Assault Black Hawk helicopters as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$350 million.

The Government of Saudi Arabia has requested a possible sale of 24 UH-60L Utility/Assault Black Hawk helicopters, spare and repair parts, communications and support equipment, publications and technical data, personnel training and training equipment, contractor engineering and technical support services and other related elements of logistics support.

- **Oct. 3, 2005** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of the continuation of contractor, technical services and logistics support for aircraft, aircraft engines, and missiles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$760 million.

The Government of Saudi Arabia has requested a possible sale for the continuation of support for F-5, F-15, RF-5, E-3, RE-3, KE-3, and C-130, aircraft; F-100-PW-220/229, J-85, T-56, and CFM-56 aircraft engines; and A/TGM-65 AIM-7 and AIM-9 missiles which have already been delivered to and are being operated by Saudi Arabia; contractor services; maintenance; spare and repair parts; support and test equipment; goggles; communication support; precision measuring equipment; personnel training; training equipment; technical support; and contractor engineering; and other related elements of program support.

- **Oct. 3, 2005** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia for the continuation of the United States supported effort to modernize the Saudi Arabian National Guard (SANG) by providing Major Defense Equipment (MDE) and non-MDE items as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$918 million.

Major Defense Equipment (MDE) proposed:

- 144 Armored Personnel Carrier Vehicles
  - 12 Water Cannon Vehicles
  - 52 Command and Control Vehicles
  - 17 Ambulance and Evacuation Vehicles
  - 36 Platoon Command Vehicles
  - 55,500 40mm Ammunition
  - 3,600 F-2000 5.56mm Assault Rifles with 40mm Grenade Launchers
  - 51,400 F-2000 5.56mm Assault Rifles without 40mm Grenade Launchers
  - 198 AN/VRC-90E SINCGARS Vehicular Single Long-Range Radio Systems
- **Oct. 3, 2005** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of 165 Link 16 Multifunctional Information Distribution System (MIDS)/Low Volume Terminals (Fighter Data Link terminals), 25 Joint Tactical Information Distribution System (JTIDS) terminals as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$401 million.
  - **Sept. 27, 2005** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of upgrade kits and services for 54 C-130E/H aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$800 million.
  - **Nov. 20, 2003** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of modernization support services for the Saudi Arabian National Guard as well as associated equipment. The total value, if all options are exercised, could be as high as \$990 million.

The Government of Saudi Arabia has requested a possible sale of services for the continuation of the US supported effort to modernize the Saudi Arabian National Guard (SANG) by providing minor defense articles including spare and repair parts for V150 armored vehicles, light armored vehicles, artillery pieces, communications equipment, other military equipment, medical equipment and medicines, automation equipment and software for logistics, training, and management, translated (into Arabic) tactical and technical manuals. Defense services transferred would include training, professional military advice and assistance, management assistance, contract administration, construction oversight, transportation of equipment, upper echelon

maintenance, management of repair and return of components. These support services would be for the period 1 January 2004 through 31 December 2008. This proposed sale does not entail the procurement of Major Defense Equipment.

- **Sept. 3, 2003** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to Saudi Arabia of AN/AAQ-24(V) NEMISIS Directional Infrared Countermeasures Systems as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$240 million.

The Government of Saudi Arabia has requested a possible sale of four AN/AAQ-24(V) NEMISIS Directional Infrared Countermeasures Systems which consist of three small laser turret assemblies, six missile warning sensors, one system processor, one control indicator unit, two signal repeaters, included associated support equipment, spare and repair parts, publications, personnel training and training equipment, technical assistance, contractor technical and logistics personnel services and other related elements of program support.

## UAE

- **Sep. 29, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to the United Arab Emirates for High Mobility Artillery Rocket Systems (HIMARS) Launchers and associated equipment, parts, training and logistical support for an estimated cost of \$900 million. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale today.

The Government of the United Arab Emirates (UAE) has requested a possible sale of:

12		High		Mobility		Artillery		Rocket		Systems		(HIMARS)		Launchers
100	M57	Army	Tactical	Missile	System			(ATACMS)	T2K	(Block	IA	Unitary)		Rockets
65	M31A1	Guided Multiple Launch Rocket (GMLRS) Unitary Pods												

Also included are 12 High Mobility Artillery Rocket System Resupply Vehicles M1084A1P2; 2 Wreckers, 5 Ton, M1089A1P2, with Long Term Armor Strategy (LTAS) Cab and B-Kit Armor; 90 Low Cost Reduced-Range Practice Rocket (RRPR) pods; support equipment; communications equipment; spare and repair parts; test sets; batteries; laptop computers; publications and technical data; personnel training and equipment; systems integration support; a Quality Assurance Team and a Technical Assistance Fielding Team support; United States Government and contractor engineering and logistics personnel services; and other related elements of logistics support. The estimated cost is \$900 million.

- **Sep. 26, 2014** - The State Department has made a determination approving a possible Foreign Military Sale to the United Arab Emirates for Mine Resistant Ambush Protected (MRAP) Vehicles and associated equipment, parts, training and logistical support for an estimated cost of \$2.5 billion. The Defense Security Cooperation Agency delivered the required certification notifying Congress of this possible sale today.

The Government of the United Arab Emirates (UAE) has requested a possible sale for the refurbishment and modification of 4,569 Mine Resistant Ambush Protected (MRAP) Vehicles (that include 29 MaxxPro Long Wheel Base (LWB), 1,085 MaxxPro LWB chassis, 264 MaxxPro Base/MRAP Expedient Armor Program (MEAP) capsules without armor, 729 MaxxPro Bases, 283 MaxxPro MEAP without armor, 970 MaxxPro Plus, 15 MRAP Recovery Vehicles, 1,150 Caiman Multi-Terrain Vehicles without armor, and 44 MRAP All-Terrain Vehicles) being sold separately from U.S. Army stock pursuant to section 21 of the Arms Export Control Act, as amended, as Excess Defense Articles (EDA). Also included are Underbody Improvement Kits, spare and repair parts, support equipment, personnel training and training equipment, publications and technical documentation, Field Service Representatives' support, U.S. Government and contractor logistics and technical support services, and other related elements of logistics and program support. Notification for the sale from stock of the MRAP vehicles referenced above has been provided separately, pursuant to the requirements of section 7016 of the Consolidated Appropriations Act, 2014 and section 516 of the Foreign Assistance Act of 1961, as amended. The estimated cost is \$2.5 billion.

- **Jan. 24, 2014** -The Defense Security Cooperation Agency notified Congress on Jan 23 of a possible Foreign Military Sale to the United Arab Emirates (UAE) for equipment in support of a Direct Commercial Sale of F-16 Block 61 Aircraft and associated equipment, parts, training and logistical support for an estimated cost of \$270 million.

The United Arab Emirates (UAE) has requested a possible sale of equipment in support of its commercial purchase of 30 F-16 Block 61 aircraft and to support the upgrade of its existing F-16 Block 60 aircraft. Major Defense Equipment includes: 40 20mm M61A Guns; and 40 Embedded GPS Inertial Navigation Systems. Also included: Identification Friend or Foe Equipment; Joint Mission Planning System; night vision devices; Cartridge Activated Device/Propellant Activated Devices; Weapons Integration; spare and repair parts; tools and test equipment; personnel training and training equipment; publications and technical documentation; International Engine Management Program-Component Improvement Program; repair and return; aerial refueling support; ferry maintenance and services; site surveys; U.S. Government and contractor engineering, technical and logistics support services; and other related elements of logistics and program support. The estimated cost is \$270 million.

- **Jan. 8, 2014** - The Defense Security Cooperation Agency notified Congress today of a possible Foreign Military Sale to the United Arab Emirates (UAE) for blanket order training and associated training and logistical support for an estimated cost of \$150 million.

The Government of the United Arab Emirates has requested a possible sale for follow on United States Marine Corps blanket order training, training support, and other related elements of program support for the United Arab Emirates Presidential Guard Command. The estimated cost is \$150 million.

The proposed sale will provide the continuation of U.S. Marine Corps training of the UAE's Presidential Guard for counterterrorism, counter-piracy, critical infrastructure protection, and national defense. The training also provides engagement opportunities through military exercises, training, and common equipment. The Presidential Guard currently uses these skills alongside U.S. forces, particularly in Afghanistan.

- **Oct. 15, 2013** - The Defense Security Cooperation Agency notified Congress Oct. 11 of a possible Foreign Military Sale to the United Arab Emirates of various munitions and associated equipment, parts, training and logistical support for an estimated cost of \$4.0 billion.

The Government of the United Arab Emirates has requested a possible sale of 5000 GBU-39/B Small Diameter Bombs (SDB) with BRU-61 carriage systems, 8 SDB Guided Test Vehicles for aircraft integration, 16 SDB Captive Flight and Load Build trainers, 1200 AGM-154C Joint Stand Off Weapon (JSOW), 10 JSOW CATMs, 300 AGM-84H Standoff Land Attack Missiles-Expanded Response (SLAM-ER), 40 CATM-84H Captive Air Training Missiles, 20 ATM-84H SLAM-ER Telemetry Missiles, 4 Dummy Air Training Missiles, 30 AWW-13 Data Link pods, containers, munitions storage security and training, mission planning, transportation, tools and test equipment, integration support and testing, weapon operational flight program software development, support equipment, spare and repair parts, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering and logistics support services, and other related elements of logistics support. The estimated cost is \$4.0 billion.

- **Nov. 5, 2012** – The Defense Security Cooperation Agency notified Congress November 2 of a possible Foreign Military Sale to the Government of the United Arab Emirates (UAE) for 48 Terminal High Altitude Area Defense (THAAD) missiles, 9 THAAD launchers; test components, repair and return, support equipment, spare and repair parts, personnel training and training equipment, publications and technical data, U.S. Government and contractor technical assistance, and other related logistics support. The estimated cost is \$1.135 billion.

- **Aug. 1, 2012** – The Defense Security Cooperation Agency notified Congress July 31 of a possible Foreign Military Sale to the Government of the United Arab Emirates for two F117-PW-100 engines for an estimated cost of \$35 million.

The Government of the United Arab Emirates (UAE) has requested a proposed sale of 2 spare F117-PW-100 engines in support of the UAE C-17 GLOBEMASTER III aircraft.

- **Dec. 14, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of the United Arab Emirates of 260 JAVELIN Anti-Tank Guided Missiles and associated equipment, parts, weapons, training and logistical support for an estimated cost of \$60 million.
- **Nov. 30, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of the United Arab Emirates (UAE) for 4,900 JDAM kits and associated equipment, parts, training and logistical support for an estimated cost of \$304 million. The Government of the UAE has requested a possible sale of 4,900 JDAM kits which includes 304 GBU-54 Laser JDAM kits with 304 DSU-40 Laser Sensors, 3,000 GBU-38(V)1 JDAM kits, 1,000 GBU-31(V)1 JDAM kits, 600 GBU-31(V)3 JDAM kits, 3,300 BLU-111 500lb General Purpose Bombs, 1,000 BLU-117 2,000lb General Purpose Bombs, 600 BLU-109 2,000lb Hard Target Penetrator Bombs, and four BDU-50C inert bombs, fuzes, weapons integration, munitions trainers, personnel training and training equipment, spare and repair parts, support equipment, US government and contractor engineering, logistics, and technical support, and other related elements of program support.
- **Sept. 22, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of 500 AGM-114R3 HELLFIRE missiles and associated equipment, parts, training and logistical support for an estimated cost of \$65 million.
- **Sept. 22, 2011** – The Defense Security Cooperation Agency notified Congress Wednesday of a possible Foreign Military Sale to the United Arab Emirates of 107 MIDS/LVT LINK 16 Terminals and associated equipment, parts, training and logistical support for an estimated cost of \$401 million. The Government of the United Arab Emirates (UAE) has requested a possible sale of 107 Link 16 Multifunctional Information Distribution System/Low Volume Terminals (MIDS/LVT) to be installed on the United Arab Emirates F-16 aircraft and ground command and control sites, engineering/integration services, aircraft modification and installation, testing, spare and repair parts, support equipment, repair and return support, personnel training, contractor engineering and technical support, interface with ground command and control centers and ground repeater sites, and other related elements of program support.
- **June 24, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of the United Arab Emirates of five UH-60M BLACKHAWK VIP helicopters and associated equipment, parts, training and logistical support for an estimated cost of \$217 million. The Government of the United Arab Emirates (UAE) has requested a possible sale of 5 UH-60M BLACKHAWK VIP helicopters, 12 T700-GE-701D engines (10 installed and 2 spares), 6 AN/APR-39A(V)4 Radar Signal Detecting Sets, 80 AN/AVS-9 Night Vision Devices, 6 Star Safire III Forward Looking Infrared Radar Systems, 6 AAR-57(V)3 Common Missile Warning Systems, 6 AN/AVR-2B Laser Warning Sets, C406 Electronic Locator Transmitters, Traffic Collision Avoidance Systems and Weather Radars, Aviation Mission Planning Station, government furnished equipment, ferry support, spare and repair parts, publications and technical documentation, support equipment, personnel training and training equipment, ground support, communications equipment, US Government and contractor technical and logistics support services, tools and test equipment, and other related elements of logistics support.
- **May 25, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of the United Arab Emirates for support and maintenance of F-16 aircraft and associated equipment, parts, training and logistical support for an estimated cost of \$100 million.
- **April 19, 2011** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of the United Arab Emirates of 218 AIM-9X-2 SIDEWINDER Block II Tactical Missiles and associated equipment, parts, training and logistical support for an estimated cost of \$251 million. The Government of the United Arab Emirates has requested a possible sale of 218 AIM-9X-2 SIDEWINDER Block II Tactical Missiles, 40 CATM-9X-2 Captive Air Training Missiles (CATMs), 18 AIM-9X-2 WGU-51/B Tactical Guidance Units, 8 CATM-9X-2 WGU-51/B Guidance Units, 8 Dummy Air Training Missiles, containers, support and test equipment, spare and repair parts, publications and technical documentation, personnel training and

training equipment, US Government and contractor engineering and logistics support services, and other related elements of logistics support.

- **Nov. 4, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the Government of the United Arab Emirates of 100 Army Tactical Missile Systems (ATACMS) and 60 Low Cost Reduced-Range Practice Rockets (LCRRPR), as well as associated equipment, training and logistical support for a total package worth approximately \$140 million.
- **Nov. 4, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of 30 AH-64D Block II lot 10 APACHE helicopters, remanufactured to AH-64D Block III configuration and 30 AH-64D Block III APACHE helicopters, as well as associated parts, equipment, training and logistical support for a complete package worth approximately \$5.0 billion.  
The Government of the United Arab Emirates (UAE) has requested a possible sale of 30 AH-64D Block II lot 10 APACHE helicopters, remanufactured to AH-64D Block III configuration, 30 AH-64D Block III APACHE helicopters, 120 T700-GE-701D engines, 76 Modernized Target Acquisition and Designation Sight/Modernized Pilot Night Vision Sensors, 70 AN/APG-78 Fire Control Radars with Radar Electronics Units, 70 AN/ALQ-144A(V)3 Infrared Jammers, 70 AN/APR-39A(V)4 Radar Signal Detecting Sets, 70 AN/ALQ-136(V)5 Radar Jammers, 70 AAR-57(V)3/5 Common Missile Warning Systems, 30mm automatic weapons, improved counter measure dispensers, communication and support equipment, improved helmet display sight systems, trainer upgrades, spare and repair parts, publications and technical documentation, personnel training and training equipment, US Government and contractor engineering and logistics support services, and other related elements of logistics support.
- **May 26, 2010** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates (UAE) of logistics support and training for two C-17 Globemaster III aircraft and associated equipment, parts, and logistical support for an estimated cost of \$250 million.  
The Government of the UAE has requested a possible sale of logistics support and training for two additional C-17 Globemaster III aircraft being procured through a Direct Commercial Sale, 2 AN/AAR-47 Missile Warning Systems, 4 AN/ARC-210 (RT-1794C) HAVE QUICK II Single Channel Ground and Airborne Radio Systems, 2 AN/ALE-47 Countermeasure Dispensing Sets, ferry support, communication and navigation equipment, spare and repair parts, support and test equipment, publications and technical documentation, maintenance, personnel training and training equipment, US Government and contractor engineering and logistics support services, preparation of aircraft for shipment, and other related elements of logistics support.
- **Dec. 28, 2009** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of logistics support, training and related systems for 12 C-130J-30 aircraft being procured through a Direct Commercial Sale. The complete package, including associated parts and equipment is worth approximately \$119 million.  
The Government of the United Arab Emirates has requested a possible sale of logistics support and training for 12 C-130J-30 aircraft being procured through a Direct Commercial Sale, 12 AN/AAR-47 Missile Approach Warning Systems, 12 AN/ALE-47 Countermeasure Dispenser Sets, 12 AN/ALR-56M Radar Warning Receivers, communication equipment, navigation equipment, aircraft ferry and refueling support, spare and repair parts, support and test equipment, publications and technical documentation, mission planning systems, personnel training and training equipment, US Government and contractor engineering, technical, and logistics support services, and related elements of logistical and program support.
- **Dec. 28, 2009** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of enhanced guided bomb units and associated parts, equipment, training and logistical support for a complete package worth approximately \$290 million.  
The Government of the United Arab Emirates (UAE) has requested a possible sale of 400 GBU-24(V) 11/B Enhanced PAVEWAY III, 400 GBU-24(V) 12/B Enhanced PAVEWAY III, 400 GBU-49(V) 3/B Enhanced PAVEWAY II, 400 GBU-50(V) 1/B Enhanced PAVEWAY II, 800 MK-84 2000 lbs. Bombs, 400 MK-82 500 lbs. Bombs, 400 BLU-109/B 2000 lbs. Bombs. Also included are containers, bomb components, mission planning software, spare and repair parts, publications and technical documentation, personnel training and training equipment, US Government and contractor technical and logistics personnel support services, and other related elements of program support.

- **Dec. 18, 2009** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to United Arab Emirates of logistics support, training and related systems for four C-17 Globemaster III aircraft being procured through a Direct Commercial Sale. The complete package, including associated parts and equipment is worth approximately \$501 million.  
The Government of the United Arab Emirates has requested a possible sale of logistics support and training for four C-17 Globemaster III aircraft being procured through a Direct Commercial Sale, 5 AN/AAR-47 Missile Warning Systems, 10 AN/ARC-210 (RT-1794C) HAVE QUICK II Single Channel Ground and Airborne Radio Systems, 5 AN/ALE-47 Countermeasure Dispensing Sets, ferry support, communication and navigation equipment, spare and repair parts, support and test equipment, publications and technical documentation, maintenance, personnel training and training equipment, US Government and contractor engineering and logistics support services, preparation of aircraft for shipment, and other related elements of logistics support.
- **Dec. 3, 2009** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of 16 Chinook helicopters, and communication equipment, as well as associated parts, equipment, training and logistical support for a complete package worth approximately \$2.0 billion.  
The Government of the United Arab Emirates (UAE) has requested a possible sale of 16 CH-47F CHINOOK Helicopters, 38 T55-GA-714A Turbine engines, 20 AN/APX-118 Transponders, 20 AN/ARC-220 (RT-1749) Single Channel Ground and Airborne Radio Systems (SINCGARS) with Electronic counter-countermeasures, 40 AN/ARC-231 (RT-1808A) Receiver/Transmitters, 18 AN/APR-39A(V)1 Radar Signal Detecting Sets with Mission Data Sets, flight and radar signal simulators, support equipment, spare and repair parts, publications and technical documentation, site survey, construction and facilities, US Government and contractor technical and logistics support services, and other related elements of logistics support.
- **Aug. 4, 2009** – The Defense Security Cooperation Agency (DSCA) notified Congress of a possible Foreign Military Sale to the Government of the United Arab Emirates of 362 HELLFIRE Missiles, 15 Common Missile Warning Systems (CMWS) four radar-warning receivers, and related equipment and services. The estimated cost is \$526 million.  
The Government of the United Arab Emirates has requested a possible sale of 362 AGM-114N3 HELLFIRE Missiles, 15 AAR-57 CMWS, 21 AN/APR-39A (V) four Radar Warning Receivers, eight AN/APX-118 Transponders, 19 AN/PRC-117 Radios, 15 AN/ASN-128D Doppler Radars, six AN/ARC-231 Radios, and 15 Data Transfer Modules/Cartridges.
- **Sept. 9, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of UH-60M BLACK HAWK Helicopters as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$774 million.  
The Government of the United Arab Emirates (UAE) has requested a possible sale of 14 UH-60M BLACK HAWK helicopters with engines; 6 T700-GE-701D spare engines; 14 each AN/ALQ-144A(V)3 Infrared (IR) Countermeasure Sets, AN/APR-39A(V)4 Radar Signal Detecting Sets, AAR-57(V)3 Common Missile Warning Systems, and AN/AVR-2B Laser Warning Sets; Weaponization of 23 UH-60M BLACK HAWK helicopters; 390 AGM-114N HELLFIRE missiles; 8 HELLFIRE training missiles; 30 M299 HELLFIRE launchers; 23,916 MK-66 Mod 4 2.75” Rocket Systems in the following configuration: 1,000 M229 High Explosive Point Detonate, 540 M255A1 Flechette, 1,152 M264 RP Smoke, 528 M274 Smoke Signature, 495 M278 Flare, 720 M274 Infrared Flare, 20,016 HA23 Practice; 22 GAU-19 Gatling Gun Systems; and 93 M-134 Mini-Gun. Also included: spare and repair parts, publications and technical data, support equipment, personnel training and training equipment, ground support, communications equipment, US Government and contractor technical and logistics personnel services, aircraft survivability equipment, tools and test equipment, and other related elements of logistics support.
- **Sept. 9, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of Surface Launched Advanced Medium Range Air-to-Air Missile (SL-AMRAAM) as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$445 million.



The Government of United Arab Emirates has requested a possible sale of 288 AIM-120C-7 Advanced Medium Range Air-to-Air Missiles (AMRAAM) Air Intercept Missiles, 2 Air Vehicle-Instrumented (AAVI), 144 LAU- 128 Launchers, Surface Launched Advanced Medium Range Air-to-Air Missile (SL-AMRAAM) software, missile warranty, KGV-68B COMSEC chips, training missiles, containers, support and test equipment, missiles components, spare/repair parts, publications, documentation, personnel training, training equipment, contractor technical and logistics personnel services, and other related support elements.

- **Sept. 9, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of Terminal High Altitude Air Defense (THAAD) Fire Units as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$6.95 billion.

The Government of the United Arab Emirates has requested a possible sale of 3 Terminal High Altitude Air Defense (THAAD) Fire Units with 147 THAAD missiles, 4 THAAD Radar Sets (3 tactical and one maintenance float), 6 THAAD Fire and Control Communication stations, and 9 THAAD Launchers. Also included are fire unit maintenance equipment, prime movers (trucks), generators, electrical power units, trailers, communications equipment, tools, test and maintenance equipment, repair and return, system integration and checkout, spare/repair parts, publications, documentation, personnel training, training equipment, contractor technical and logistics personnel services, and other related support elements.

- **Sept. 9, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of PATRIOT Advanced Capability-3 Missile Systems as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$121 million.

The Government of the United Arab Emirates has requested a possible sale of 4 PATRIOT Advanced Capability (PAC-3) Intercept Aerial Missiles with containers, 19 MIM-104D Guided Enhanced Missiles-T with containers (GEM-T), 5 Anti-Tactical Missiles, and 5 PATRIOT Digital Missiles. These missiles are for lot validation and testing of the PAC-3 missiles notified for sale in Transmittal Number 08-17. Also included: AN/GRC-245 Radios, Single Channel Ground and Airborne Radio Systems (SINCGARS Export), power generation equipment, electric power plant, trailers, communication and support equipment, publications, spare and repair parts, repair and return, United States Government and contractor technical assistance and other related elements of logistics support.

- **Sept. 9, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of AVENGER and VMSLP fire units as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$737 million.

The Government of the United Arab Emirates has requested a possible sale of 78 complete AVENGER fire units including Vehicle Mounted Stinger Launch Platform (VMSLP) fire units (72 Tactical and 6 floats); 780 STINGER-Reprogrammable Micro-Processor (RMP) Block 1 Anti-Aircraft missiles; 24 STINGER Block 1 Buy-to-Fly missiles; 78 Captive Flight Trainers, 16 AN/MPQ64-F1 SENTINEL Radars; 78 AN/VRC-92E Single Channel Ground and Airborne Radio System (SINCGARS) radios; 78 Enhanced Position Location Reporting System (EPLRS) Radios; 20 Integrated Fire Control Stations, S250 Shelters on HMMWVs, communication and support equipment, system integration and checkout, tools and test equipment, spare and repair parts, publications, installation, personnel training and training equipment, US Government and contractor technical support services, and other related elements of logistics support. The estimated cost is \$737 million.

- **Jan. 3, 2008** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of various munitions and weapon systems as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$326 million. The Government of the United Arab Emirates has requested a possible sale of 224 AIM-120C-7 Advanced Medium Range Air-to-Air Missile (AMRAAM) Air Intercept Missiles, 200 GBU-31 Guided Bomb Unit (GBU) Joint Direct Attack Munition tail kits, 224 MK-84 2,000 pound General-Purpose Bombs (GPB), 450 GBU-24 PAVEWAY III with MK-84 2,000 pound GPB, 488 GBU-12 PAVEWAY II with MK-82 500 pound GPB, 1 M61A 20mm Vulcan Cannon with Ammunition Handling System, containers, bomb components, spare/repair parts, publications, documentation, personnel training, training

equipment, contractor technical and logistics personnel services, and other related support elements.

- **Dec. 4, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of the PATRIOT Advanced Capability-3 Missile System as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$9 billion.  
The Government of United Arab Emirates has requested a possible sale of the PATRIOT Air Defense System consisting of 288 PATRIOT Advanced Capability-3 (PAC-3) missiles, 216 Guidance Enhanced Missiles-T (GEM-T), 9 PATRIOT Fire Units that includes 10 phased array radar sets, 10 Engagement Control Stations on trailers, 37 Launching Stations (4 per fire unit), 8 Antenna Mast Groups (AMG) on trailers, 8 Antenna Mast Group (AMG) Antennas for Tower Mounts, AN/GRC-245 Radios, Single Channel Ground and Airborne Radio Systems (SINCGARS, Export), Multifunctional Information Distribution System/Low Volume Terminals, generators, electrical power units, trailers, communication and support equipment, publications, spare and repair parts, repair and return, United States Government and contractor technical assistance and other related elements of logistics support.
- **Dec. 4, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of upgrades and refurbishments of E-2C aircraft as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$437 million.  
The Government of the United Arab Emirates has requested a possible sale of upgrades and refurbishment for three (3) used, excess defense articles (EDA) E-2C Airborne Early Warning (AEW) aircraft with radar and antennae. These upgrades/refurbishments include E-2C Group II Navigation Upgrade configuration, 8 T56-A- 427 Turbo Shaft engines, Phased Maintenance Inspection, spare and repairs parts, support equipment, personnel training and training equipment, technical data and publications, tactical software and software laboratory, system software development and installation, testing of new system modifications, US Government and contractor technical and logistics personnel services, and other related support elements.
- **Oct. 4, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of Blast Fragmentation Warheads and HELLFIRE II Longbow Missiles as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$428 million.  
The Government of the United Arab Emirates has requested a possible sale of 300 AGM-114M3 Blast Fragmentation Warheads and 900 AGM-114L3 HELLFIRE II Longbow missiles, 200 Blast Fragmentation Sleeve Assemblies, containers, spare and repair parts, test and tool sets, personnel training and equipment, publications, US Government and contractor engineering and logistics personnel services, Quality Assurance Team support services, and other related elements of logistics support.
- **June 18, 2007** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates (UAE) of a Pilot Training Program as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$201 million.  
The Government of United Arab Emirates (UAE) has requested a possible sale of United States pilot proficiency training programs and munitions, services and support for F-16 aircraft which includes: 105,000 20mm cartridges, aircraft modifications kits, maintenance, participation in joint training Continental United States (CONUS) pilot proficiency training program, Introduction to Fighter Fundamentals training, F-5B transition and continuation training, fighter follow-on preparation training, participation in joint training exercises, fuel and fueling services, supply support, flight training, spare/repair parts, support equipment, program support, publications, documentation, personnel training, training equipment, contractor technical and logistics personnel services and other related program requirements necessary to sustain a long-term CONUS training program.
- **Sept. 21, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of High Mobility Artillery Rocket Systems as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$752 million.  
The Government of United Arab Emirates (UAE) has requested a possible sale of the following Major Defense Equipment (MDE):

- 20 High Mobility Artillery Rocket Systems (HIMARS) Launchers
- 101 M39A1 Army Tactical Missile System (ATACMS) Block 1A Anti-Personnel-Anti-Material Rocket Pods
- 101 M39A1 ATACMS Block 1A Unitary Rocket Pods
- 130 M30 Guided Multiple Launch Rocket Systems (GMLRS) Dual Purpose Improved Conventional Munitions Rocket Pods
- 130 M31 Unitary High Explosive GMLRS Pods
- 60 Multiple Launcher Rocket Systems (MLRS) Practice Rocket Pods
- 104 M26 MLRS Rocket Pods
- 20 M1084A1 Family of Medium Truck Vehicles
- 3 M108A1 Wreckers

Also included are support equipment, communications equipment, spare and repair parts, test sets, batteries, laptop computers, publications and technical data, personnel training and equipment, systems integration support, a Quality Assurance Team and a Technical Assistance Fielding Team service support, United States Government and contractor engineering and logistics personnel services, and other related elements of logistics support.

- **July 28, 2006** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of UH-60M Black Hawk helicopters as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$808 million. The Government of United Arab Emirates (UAE) has requested a possible sale of 26 UH-60M Black Hawk helicopters with engines, 4 spare T-700-GE-701D turbine engines, spare and repair parts, publications and technical data, support equipment, personnel training and training equipment, ground support, communications equipment, contractor engineering, logistics, a Quality Assurance Team, aircraft survivability equipment, tools and test equipment, and other related elements of logistics support.
- **Nov. 17, 2004** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of JAVELIN anti-tank missile systems, missile rounds and associated equipment and services. The total value, if all options are exercised, could be as high as \$135 million.

The Government of United Arab Emirates (UAE) has requested a possible sale of 1,000 JAVELIN anti-tank missile systems consisting of 100 JAVELIN command launch units and 1,000 JAVELIN missile rounds, simulators, trainers, support equipment, spare and repair parts, publications and technical data, personnel training and equipment; US Government and contractor engineering and logistics personnel services, a Quality Assurance Team, and other related elements of logistics support.

- **Sept. 4, 2002** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of refurbished/upgraded E-2C aircraft to the E-2C HAWKEYE 2000 as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$400 million.

The Government of the United Arab Emirates has requested a possible sale of 5 refurbished/upgraded E-2C aircraft to the E-2C HAWKEYE 2000, 5 AN/APS-145 radars, 5 OE-335/A antenna groups, 10 T56-A-425 engines, spare and repairs parts, support equipment, personnel training and training equipment, technical data and publications, tactical software and software laboratory, system software development and installation, testing of new system modifications, US Government and contractor engineering and logistics services and other related elements of program support.

- **July 17, 2002** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to UAE of an upgrade of Apache Helicopters from the A variant to the D variant as well as associated equipment and services. The total value, if all options are exercised, could be as high as \$1.5 Billion.

The Government of United Arab Emirates (UAE) has requested the remanufacture of 30 AH-64A APACHE helicopters to the AH-64D model aircraft. This proposed sale also includes: 32 AN/APG-78 AH-64D Longbow Fire Control Radar; 32 APR-48A Radar Frequency Interferometer; 32 T-700-GE-701C engines; 32 Modernized Target Acquisition Designation Sight/Pilot Night Vision Sensors; 240 AGM-114L3 HELLFIRE II laser guided missiles; 49 AGM-114M3 HELLFIRE II blast fragmentation missiles; 90 M299 HELLFIRE missile launchers; 33 AN/ALQ-211 Suite of Integrated Radio Frequency Countermeasures/Suite of Integrated Infrared Countermeasures; HAVE GLASS II capabilities; spare and repair parts; support equipment; publications and technical documentation; personnel training and training equipment; US Government and contractor technical support and other related elements of logistics support.

- **May 23, 2002** – The Defense Security Cooperation Agency notified Congress of a possible Foreign Military Sale to the United Arab Emirates of Evolved Seasparrow Missiles and associated equipment and services. The total value, if all options are exercised, could be as high as \$245 Million.

The Government of United Arab Emirates (UAE) has requested a possible sale of 237 Evolved Seasparrow Missiles (ESSM), containers, spare and repair parts, shipboard equipment, support and test equipment, publications and technical documentation, personnel training and training equipment, US Government and contractor technical assistance and other related elements of logistics support.

Source: Adapted from: Defense Security Cooperation Agency (DSCA), <http://www.dsca.mil/>

### Figure III.11: IISS Estimate of Selected US and Non US Arms Sales in the Gulf

#### Kuwait

Designation	Type	Quantity	Contract Value	Supplier Country	Prime Contractor	Order Date	First Due	Delivery	Notes
Mk V	PBF	10	US\$461m	US	USMI	2009	n/k		For navy. Final delivery due in 2013.
KC-130J	Tkr ac	3	US\$245m	US	Lockheed Martin	2010	2013		Deliveries to be complete in early 2014.

<i>Patrioti PAC-3</i>	SAM Upgrade	72	US\$263m	US	Lockheed Martin	2013	2015	Upgrade of existing PAC-2 Launchers
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**Bahrain**

Designation	Type	Quantity	Contract Value	Supplier Country	Prime Contractor	Order Date	First Delivery Date	Notes
Arma 6x6	APC(W)	60-80	US\$63.2m	TUK	Otokar	2011	2012	For national guard. Follow-on order to initial 2010 contract.

**Qatar**

Designation	Type	Quantity	Contract Value	Supplier Country	Prime Contractor	Order Date	First Delivery Due	Notes
MRTP 34	PBF	3	n/k	TURK	Yonka-Onuk Shipyard	2012	n/k	-
MRTP 16	PBF	3	n/k	TURK	Yonka-Onuk Shipyard	2012	n/k	-
AW139	MRH Hel	3	n/k	ITA	Finmeccanica (Agusta Westland)	2011	n/k	-
<i>Leopard 2A7</i>	MBT	62	See notes	GER	KMW	2013	2015	Part of €1.89bn (US\$2.47bn) contract incl 24 PzH 2000
<i>PzH 2000</i>	Arty (155mm SP)	24	See notes	GER	KMW	2013	2015	Part of €1.89bn (US\$2.47bn) contract incl 62 <i>Leopard 2A7</i>
<i>B737 AEW</i>	AEW&C ac	3	R6.6bn (US\$1.8bn)	US	Boeing	2014	n.k.	Part of US\$23bn package

<i>A330 MRTT</i>	Tkr/Tpt	2	See notes	Int'l	Airbus Group (Airbus Defense & Space)	2014	n.k.	Part of US\$23bn package
AH-64E <i>Apache Guardian</i>	Atk hel	24	R8.9bn (US\$2.4bn)	US	Boeing	2014	n.k.	Part of US\$23bn package
<i>Patriot PAC-3</i>	SAM upgrade	n.k.	US\$1.7bn	US	Raytheon	2014	n.k.	Part of US\$23bn package

## Oman

Designation	Type	Quantity	Contract Value	Supplier Country	Prime Contractor	Order Date	First Delivery Date	Notes
Al-Shamikh class	FFG	3	US\$785m	UK	BAE Systems	2007	2012	Project Khareef. Delivery delayed.
Fearless class	PCO	4	US\$880m	SGP	ST Engineering	2012	2015	-
Rodman 101	PB	3	US\$15.5m	ESP	Rodman Polyships	2012	2013	For costal police.
C-130J-30 <i>Hercules</i>	Tpt ac	2	n/k	US	Lockheed Martin	2010	2013	Delivery due in 2013 and 2014.
C-295	Tpt ac	8	n/k	Int'l	EADS	2012	2013	For air force. 5 in tpt and 3 in MP configuration.
NH90TTH	Tpt Hel	20	n/k	Int'l	NH Industries	2004	2010	10 delivered by mid-2012.
<i>Al-Ofouq-class</i>	PCO	4	US\$880m	SGP	ST Engineering	2012	2015	First three vessels launched 2014; awaiting commissioning
F-16C/D	FGAac	12	n.k.	US	Lockheed Martin	2011	2014	First four delivered Jul 2014
NH90TTH	Med tpt hel	20	n.k.	FRA/GER/ITA/NLD	NH Industries	2004	2010	Deliveries ongoing
Eurofighter <i>Typhoon</i>	FGAac	12	See notes	GER/ITA/ESP/UK	Eurofighter GmbH (BAE Systems)	2013	2017	Part of UK£2.5bn (US\$4bn) deal including eight <i>Hawk</i> Mk 128. Nine single-seat and three twin seat.

C-295M	Lt tpt ac	8	n.k	Int'l	Airbus Group (Airbus Defense & Space)	2012	2013	For air force. Five in tpt and three in MP configuration. First delivered 2013.
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**Saudi Arabia**

Designation	Type	Quantity	Contract Value	Supplier Country	Prime Contractor	Order Date	First Delivery Due	Notes
LAV II	APC (W)	724	US\$2.2bn	CAN	General Dynamics (GDLS)	2009	2011	For national guard.
CAESAR	Arty (155mm SP)	132	n/k	FRA	Nexter	2006	2010	For national guard. 100 delivered 2010–11. Additional order for 32 signed in 2012 for delivery by end-2014.
Patriot PAC3	AD system upgrade	n/k	US\$1.7bn	US	Raytheon	2011	n/k	Including ground-systems, training, package and support equipment
Eurofighter <i>Typhoon</i>	FGA ac	72	US\$8.9bn	Int'l	Eurofighter GmbH	2005	2008	Project Salam. First 24 delivered by Sept 2011. Original plan to final assemble remaining 48 in SAU dropped.
Saab 2000 <i>Erieye</i>	AEW&C ac	1	US\$670m	SWE	Saab	2010	n.k.	-
A330 MRTT	Tkr/Tpt ac	6	US\$600m	FRA	EADS	2008	2011	Delivery in progress.
F-15E <i>Strike Eagle</i>	FGA ac	84	US\$11.4bn	US	Boeing	2012	2015	F-15SA variant. Part of a package incl F-15S upgrades, AH-64 and AH-6i helicopters that could total US\$24bn.
F-15S <i>Eagle</i>	FGA ac upg	68	n/k	US	Boeing	2012	n/k	Upgrade to F-15SA standard. Part of a package incl F-15S upgrades, AH-64 and

								AH-6i helicopters that could total US\$24bn
UH-60M <i>Black Hawk</i>	Tpt Hel	24	n/k	US	Sikorsky	2012	n/k	For national guard.
MD530F	MRH Hel	12	US\$40.7m	US	MD Helicopters	2012	2013	All to be delivered in 2013
A330 MRTT	Tkr/Tpt	6	US\$600m	FRA	Airbus Group (Airbus Defense & Space)	2008	2011	Includes additional three ac ordered July 2009; fourth ac delivered Apr 2014
KC-130J <i>Hercules</i>	Tkr ac	2	US\$180m	US	Lockheed Martin	2013	n.k	Initial two ac pending agreement of larger order
AH-64E <i>Apache Guardian</i>	Atk hel	48	US\$450m	US	Boeing	2013	2014	
AH-6I <i>Little Bird</i>	MRH hel	24	n.k	US	Boeing	2014	n.k.	For National Guard

## UAE

Designation	Type	Quantity	Contract Value	Supplier Country	Prime Contractor	Order Date	First Delivery Due	Notes
<i>Patriot Advanced AD System Capability (PAC) 3</i>	AD System	10 fire units, 172 msl	US\$3.3bn	US	Raytheon	2008	2012	To replace HAWK. First bty delivered 2012.
<i>Agrab (Scorpion) 120mm MMS</i>	Arty (120mm SP Mor)	72	US\$214m	RSA/SGP/UAE/UK	IGG	2011	n/k	
<i>Agrab (Scorpion) MMS</i>	120mm SP Mor	48	US\$106m	RSA/SGP/UAE/UK	IGG	2007	n/k	Delivery status unclear
<i>Abu Dhabi-class</i>	FFGHM	1	n.k.	ITA	Fincantieri	2009	2012	Delivery scheduled for late 2012.
<i>Baynunah-class</i>	FSGHM	6	US\$820m	FRA/UAE	ADSB	2003	2011	Fourth vessel launched Feb 2012. Delivery expected to be



								complete by 2014.
<i>Ganthoot-class</i>	FS	2	US\$117m	ITA	Fincantieri	2009	2012	Both vessels launched 2012. Delivery scheduled for late 2012/early 2013.
<i>Ghannatha II-class</i>	PBFG	12	AED935m	SWE/UAE	Swedeship Marine/ADSB	2009	n/k	3 to be built in Sweden; remaining 9 in UAE. First UAE-built vessel launched in Jul 2012.
<i>Al Saber-class</i>	PB	12	US\$34.6m	UAE	ADSB	2009	2011	For coast guard.
M RTP16	PB	34	AED460m	TUR/UAE	Tonca-Onuk Shipyard/ADSB	2009	2010	First 12 to be built in Turkey; remaining 22 in UAE. 20 delivered by Aug 2012.
Saab 340 <i>Erieye</i>	AEW&C ac	2	US\$234m	SWE	Saab	2009	2011	First delivered Apr 2011.
A330 MRTT	Tkr/Tpt ac	3	n.k.	Int'l	EADS	2008	2012	First delivered 2012; other 2 due by end-2012. Order for 2 more possible.
<i>C-17 Globemaster</i>	Tpt ac	2	n.k.	US	Boeing	2010	2012	-
<i>C-130 Hercules</i>	Tpt ac	12	AED5.9bn	US	Lockheed Martin	2009	n.k.	-
PC-21	Trg ac	25	US\$492.4m	CHE	Pilatus	2009	2011	First aircraft flew in 2011. Deliveries underway

UH-60M <i>Black Hawk</i>	Tpt Hel	26	n.k.	US	Sikorsky	2008	2010	16 delivered by end 2011; up to 23 to be upgraded with <i>Battle Hawk</i> kits.
UH-60M <i>Black Hawk</i>	Tpt Hel	14	US\$171m	US	Sikorsky	2009	n.k.	To be delivered by end of 2012.
<i>Falcon Eye</i>	ISR Satellite	2	€800m (US\$1.1bn)	Int'l	Airbus Group/Thales	2013	2017	First satellite due to launch in 2017; second 2018
<i>Agrab Mk2 (Scorpion) MMS</i>	Arty (120mm SP Mor)	72	US\$214m	RSA/SGP/UAE/UK	IGG	2011	2014	Deliveries ongoing
<i>Baymunah-class</i>	FSGHM	6	AED 3bn (US\$820m)	FRA/UAE	ADSB	2003	2006	First of class built in FRA, others in UAE
Terminal High Altitude Area Defense (THAAD)	SAM	12	n.k	US	Lockheed Martin	2011	2015	Two Batteries
<i>Patriot PAC-3</i>	SAM	42	US\$3.3bn	US	Raytheon	2008	2012	To replace HAWK. First bty delivered 2012

## Iran

Designation	Type	Quantity	Contract Value	Supplier Country	Prime Contractor	Order Date	First Delivery Date	Notes
<i>Mowj-class</i>	FSGM	5	n.k	Iran	IRIN	2004	2010	Second vessel in sea trials at Bandar Anzali 2014. Third launched at Bandar Abbas.

## Iraq

Designation	Type	Quantity	Contract Value	Supplier Country	Prime Contractor	Order Date	First Delivery Date	Notes
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BTR-4	APC (W)	420	US\$2.5bn	UKR	Khariy Morozov	2010	2011	Contract value includes 6 An-32 tpt ac.
Swiftships 35m	PB	15	US\$181m	US	Swiftships	2009	2012	For navy.
F-16C/D <i>Fighting Falcon</i> Block 52	FGA ac	18	US\$3bn	US	Lockheed Martin	2011	n.k.	Initial order for 18 in 2011, with additional 18 ordered 2012. 24 C and 12 D models. Delivery to be completed in 2018
Beech 350ER <i>King Air</i>	Tpt ac	6	US\$10.5m	US	Hawker Beechcraft	2008	2010	-
C-130J <i>Super Hercules</i>	Tpt ac	4	US\$292.8m	US	Lockheed Martin	2009	2012	Delivery to begin in 2012 and continue through 2013.
C-130J-30 <i>Super Hercules</i>	Tpt ac	6	US\$433.1m	US	Lockheed Martin	2009	2012	First delivered late 2012.
AN-32	Tpt ac	6	US\$2.5bn	UKR	Antonov ASTC/Aviant	2010	2011	Delivery delayed
Lasta-95	Trg ac	20	US\$230m	SER	UTVA	2007	2010	Option for further 16
EC635	Tpt Hel	24	US\$490m	FRA	Eurocopter	2009	n.k.	Cost incl. training and maintenance. First delivery reported mid-2011
Bell 407	Tpt Hel	27	US\$60.3	US	Bell	2009	n.k.	For army, AR-407 configuration. FMS contract
MT-LB	APC (T)	500	EUR150m	BLG	Terem	2012	n/k	
<i>Al Basra</i> -class	PCC	2	US\$86m	US	River Hawk Fast Sea Frames	2010	2012	Delivery scheduled for late 2012.
FA-50	FGA ac	24	US\$1.1bn	ROK	KAI	2013	2016	Deliveries to occur 2016-17
Mi-28NE <i>Havok</i>	Atk Hel	15	n.k	RUS	Rostvertol	2012	2014	First batch of three delivered Oct. 2014
Mi-35M <i>Hind</i>	Atk Hel	28	n.k	RUS	Rostvertol	2013	2013	Third batch of four delivered Sep 2014

96K6 Pantsir-SI	AD	n.k	n.k	RUS	KBP Instrument Design Bureau	2012	2014	Total number on order unclear. Deliveries underway
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Source: IISS Military Balance 2013 to 2015, and selected reporting by IHS Janes

### Figure III.12: SIPRI Estimate of Arms Sales in the Gulf: 2000 to 4.2015

Transfers of major conventional weapons: sorted by recipient. Deals with deliveries or orders made for year range 2000 to 2014

**Note:** The 'No. delivered/produced' and the 'Year(s) of deliveries' columns refer to all deliveries since the beginning of the contract. Deals in which the recipient was involved in the production of the weapon system are listed separately. The 'Comments' column includes publicly reported information on the value of the deal. Information on the sources and methods used in the collection of the data, and explanations of the conventions, abbreviations and acronyms, can be found at URL <[http://www.sipri.org/contents/armstrad/at\\_data.html](http://www.sipri.org/contents/armstrad/at_data.html)>. The SIPRI Arms Transfers Database is continuously updated as new information becomes available.

**Source:** SIPRI Arms Transfers Database

**Information generated:** 21 April 2015

Recipient/ of order/ produced	of Comments	delivered/ Comments		Year or licenser (L)	Year(s) (L)	No. ordered	supplier (S) designation	No. description	Weapon licence	Weapon deliveries
<b>Bahrain</b>										
S: France	(20)	Black Scorpion	APC/APV	(2009)	2011-2014	(20)	Probably assembled in Bahrain; Bahraini designation probably Faisal			
	(17)	MM-40 Exocet	Anti-ship missile	(2009)	2010	(17)	Designation uncertain (reported as missiles)			
Russia	(100)	9M133 Kornet/AT-14	Anti-tank missile	2014			Kornet-EM version			
United Kingdom	1	BAe-146	Transport aircraft	2001	2001	1	\$25 m deal; Avro RJ-85 version			
	3	T-67 Firefly	Trainer aircraft	2002	2003	3	T-67M260 version			
	6	Hawk-100	Trainer/combat ac	2003	2006	6	Hawk-129 version; possibly option on 6 more			
United States	10	F-16C	FGA aircraft	1998	2000	10	\$303 m 'Peace Crown-2' deal; F-16 Block-40 version; option on more not used			
	(10)	AGM-65 Maverick	ASM	1999	2001	(10)				
	26	AIM-120B AMRAAM	BVRAAM	1999	2002	26	\$110 m deal			
	38	M-901 ITV	Tank destroyer	1999	2000	38	Second-hand; aid			
	(270)	BGM-71 TOW	Anti-tank missile	2000	2001-2002	(270)	BGM-71E TOW-2A and/or BGM-71F TOW-2B version (possibly incl or only practice TOW-2A missiles)			
	19	M-113	APC	(2000)	2001	19	Second-hand; aid; M-113A2 version			
	30	MGM-140A ATACMS	SSM	2000	2002	30	\$20 m deal			
	(12)	Bell-209/AH-1F Cobra	Combat helicopter	2001	2005-2007	(12)	Second-hand			
	(11)	RIM-66B Standard-1MR	SAM	2002	2002-2003	(11)	Second-hand; aid			
	(105)	M-113	APC	2003	2005	(105)	Second-hand; aid; M-113A2 version			
	(20)	M-109A5 155mm	Self-propelled gun	(2004)	2005	20	Possibly Second-hand			
	1	TPS-59	Air search radar	2004	2007	1	\$44 m deal; AN/TPS-59(V)3 version			

	1	King Air	Light transport ac	2005	2006	1	King Air-350; incl for MP
	(180)	FGM-148 Javelin	Anti-tank missile	(2006)	2007-2008	(180)	\$42 m deal (incl 60 launchers)
	8	S-70/UH-60L	Helicopter	2007	2010	8	UH-60M version; incl for CSAR
	(100)	M-113	APC	2009	2010	100	Second-hand; M-113A2 version
	25	AIM-120C AMRAAM	BVRAAM	(2010)	2013-2014	(25)	AIM-120C-7 version
	(30)	MGM-140B ATACMS	SSM	2011	2013	(30)	\$70 m deal; ATACMS Block-1A version
<b>Egypt</b>							
L: China	80	K-8 Karakorum-8	Trainer/combat ac	1999	2001-2005	(80)	\$345 m deal; K-8E version; 70 assembled from kits in Egypt
	18	ASN-209	UAV	(2010)	2012-2014	(18)	
Finland	(16)	155-GH-52 155mm	Towed gun	1999	2000-2004	(16)	\$17-21 m deal; incl assembly in Egypt; Egyptian designation 155 EH-52 or E52
France	4	Gowind Combat	Frigate	2014			EUR1 b deal incl option on 2 more; incl 3 produced in Egypt
Germany (FRG)	..	Fahd	APC	1978	1986-2014	(1270)	Developed for assembly/production in Egypt; incl Fahd-240/30 IFV version
	60	Terrier LAU	APV	(2000)	2002-2013	(60)	Produced in Egypt as Kader-120
United States	24	M-109/SP-122	Self-propelled gun	1999	2000	24	\$27 m deal; designed for Egypt with Egyptian gun
	100	M-1A1 Abrams	Tank	1999	2002-2003	(100)	\$564 m deal
	100	M-1A1 Abrams	Tank	2001	2004-2005	(100)	\$590 m deal
	125	M-1A1 Abrams	Tank	2003	2005-2008	(125)	
	21	M-88A2 HERCULES	ARV	2004	2007	(21)	
	125	M-1A1 Abrams	Tank	2008	2009-2013	(125)	
	125	M-1A1 Abrams	Tank	2011			
	6	Swiftships-35	Patrol craft	2014			
S: Austria	(4)	Camcopter S-100	UAV	2001	2002	(4)	Financed by US 'FMF' aid
	108	M-60A1 Patton-2	Tank	2001	2002	108	Second-hand; \$27 m deal
China	40	K-8 Karakorum-8	Trainer/combat ac	2004	2007-2010	(40)	K-8E version; assembled from kits in Egypt
Finland	4	Project-205/Osa	FAC	2006	2006	4	Second-hand; Osa-2 version; Finnish designation Tuima; possibly for spare parts only
France	(16)	Super-530F	BVRAAM	(1998)	1998-2000	16	Designation uncertain; possibly Second-hand
	3	MRR-3D	Air search radar	(2006)	2013	2	For 3 Ambassador-4 corvettes from USA; possibly from US production line
	1	MRR-3D	Air search radar	(2010)			For 1 Ambassador-4 corvette from USA
	(20)	Sherpa	APV	2011	2012	(20)	For police
	(96)	Sherpa	APV	2012	2013	96	
	1	FREMM	Frigate	(2014)			Selected but not yet ordered by end-2014
		MICA	BVRAAM	2014			For Gowind frigates
	(30)	MM-40-3 Exocet	Anti-ship MI/SSM	(2014)			For Gowind frigates
	24	Rafale	FGA aircraft	(2014)			Selected but not yet ordered by end-2014
Germany (FRG)	74	G-115	Trainer aircraft	2000	2000-2002	(74)	G-115EG version
	5	Combattante-2	FAC	2002	2002-2003	5	Second-hand Type-148 or Tiger; EUR18 m deal
	1	Lueneburg	Support ship	2002	2003	1	Second-hand
	1	Westerwald	Support ship	2002	2003	1	Second-hand

	12	MTU-595	Diesel engine	2006	2013-2014	(4)	For 3 Ambassador-4 corvettes from USA
	4	MTU-595	Diesel engine	(2010)			For 1 Ambassador-4 corvette from USA
	2	Type-209/1500	Submarine	(2012)			Delivery probably from 2016
	2	Type-209/1500	Submarine	(2014)			
Italy	3	Super Rapid 76mm	Naval gun	(2006)	2013	2	For 3 Ambassador-4 corvettes from USA; bought via USA
	2	AW139	Helicopter	2011	2012	2	\$38 m deal; for SAR; from US production line
	1	Super Rapid 76mm	Naval gun	2011			For 1 Ambassador-4 corvette from USA; bought via USA
	4	Super Rapid 76mm	Naval gun	2014			For 4 Gowind frigates from France
Netherlands	(237)	AIFV	IFV	2004	2006-2008	(237)	Second-hand; YPR-765-PRI version
	(105)	AIFV-APC	APC	2004	2006-2007	(105)	Second-hand; YPR-765 version; incl 48 YPR-765-PRMR mortar tractor version
	(90)	AIFV-TOW	Tank destroyer	2004	2007	90	Second-hand; YPR-765-PRV version
	48	MO-120-RT 120mm	Mortar	(2004)	2006	48	Second-hand; for use with YPR-765 PRMR (AIFV) mortar tractors
	(555)	BGM-71 TOW	Anti-tank missile	(2006)	2007	(555)	Second-hand; for use with YPR-765/AIFV armoured vehicles
	3	Scout	Sea search radar	(2006)	2013	2	For 3 Ambassador-4 corvettes from USA
	3	STING	Fire control radar	(2006)	2013	2	For 3 Ambassador-4 corvettes from USA
	1	Scout	Sea search radar	(2010)			For 1 Ambassador-4 corvette from USA
	1	STING	Fire control radar	(2010)			For 1 Ambassador-4 corvette from USA
Russia	(10)	S-125 Pechora-2M	SAM system	1999	2002-2006	(10)	Egyptian SA-3 SAMS rebuilt to Pechora M2 version; no. could be 20
	100	9M338/SA-15	SAM	(2005)	2005	(100)	
	(100)	9M338/SA-15	SAM	(2005)	2011	(100)	
	4	Tor-M1/SA-15	Mobile SAM system	(2005)	2005	(4)	
	(4)	Tor-M1/SA-15	Mobile SAM system	(2005)	2011	(4)	Possibly Tor-M2 version
	(1)	9K37 Buk-1M/SA-11	SAM system	(2006)	2007	(1)	
	(100)	9M317/SA-17 Grizzly	SAM	(2006)	2007	(100)	For Buk-1M (SA-11) SAM system
	(20)	S-125 Pechora-2M	SAM system	(2006)	2010-2011	(20)	Egyptian S-125 (SA-3) SAM systems rebuilt to Pechora M2 version
	(600)	Igla-S/SA-24	Portable SAM	(2007)	2009-2010	(600)	For modernization of ZSU-23 SPAAG to ZSU-23-4M4
	10	Mi-8MT/Mi-17/Hip-H	Helicopter	2008	2010-2011	(10)	\$150-200 m deal; armed Mi-17V-5 version
	14	Mi-8MT/Mi-17/Hip-H	Helicopter	2009	2012-2013	(14)	\$100 m deal; armed Mi-17V-5 version
	1	Buk-M2/SA-17	SAM system	(2012)	2014	(1)	Possibly Egyptian Buk-M1-2 (SA-11) SAM system rebuilt to Buk-M2
		9M83M/SA-23B	SAM	(2014)			
		S-300VM/SA-23	SAM system	(2014)			\$500m deal; status uncertain
Spain	3	C-295	Transport aircraft	2010	2011	3	Possibly incl 1 for government VIP transport
	3	C-295	Transport aircraft	2012	2013	3	
	6	C-295	Transport aircraft	2013	2013-2014	6	
	(12)	PW100	Turboprop/turboshaft	2013	2013-2014	(12)	For 6 C-295 transport aircraft from Spain
	8	C-295	Transport aircraft	2014			Delivery 2015
Ukraine	3	An-74/Coaler-B	Transport aircraft	2004	2005-2010	3	\$34 m deal; An-74TK-200A version; incl for VIP transport
United States	(5000)	AIM-9J/P Sidewinder	SRAAM	(1984)	1986-2000	(5000)	AIM-9P3 and AIM-9P4 version; assembled from kits in Egypt
	(2372)	BGM-71 TOW	Anti-tank missile	1996	1998-2001	(2372)	\$59 m deal; BGM-71E TOW-2A version
	21	F-16C	FGA aircraft	1996	1999-2000	(21)	'Peace Vector-5' deal; aid
	8	I-HAWK	SAM system	(1996)	1998-2001	(8)	Second-hand; \$206 m deal; modernized before delivery
	180	MIM-23B HAWK	SAM	1996	1998-2001	(180)	Second-hand

(32)	RGM-84 Harpoon	Anti-ship missile	1997	2000-2001	(32)	\$51 m deal; AGM-84 version for F-16 combat aircraft
50	M-88A2 HERCULES	ARV	1998	2000-2002	(50)	\$198 m deal; assembled from kits in Egypt
(42)	RGM-84 Harpoon	Anti-ship missile	1998	2000-2002	(42)	
5	APS-145	AEW radar	1999	2005-2008	(5)	Part of \$138 m deal (not incl \$36 m for installation); for modernization of 5 E-2C AEW&C aircraft to Hawkeye-2000
24	F-16C	FGA aircraft	1999	2001-2002	(24)	\$1.2 b 'Peace Vector-6' (incl \$100 m for engines); F-16 Block- 40 version; incl 12 F-16D
40	M-48 Chaparral	Mobile SAM system	1999	2000	(40)	Second-hand
1072	MIM-72C Chaparral	SAM	1999	2000	(1072)	Second-hand; MIM-72E version; aid
80	TFE-731	Turbofan	1999	2001-2005	(80)	For 80 K-8E trainer aircraft from China
5	TPS-59	Air search radar	1999	2002-2003	(5)	\$59 m deal; Egyptian AN/TPS-59M/34 rebuilt to AN/TPS-59(V)3
15	AAQ-13 LANTIRN	Combat ac radar	2000	2001	(15)	Part \$71 m deal; for F-16 combat aircraft
15	AAQ-14 LANTIRN	Aircraft EO system	2000	2001	(15)	Part of \$71 m deal; AAQ-19 Sharpshooter version; for F-16 combat aircraft
(35)	AH-64D Apache	Combat helicopter	(2000)	2003-2006	(35)	Egyptian AH-64A rebuilt to AH-64D
25	Avenger	Mobile AD system	2000	2001	(25)	\$25 m deal
(600)	FIM-92 Stinger	Portable SAM	2000	2001	(600)	For Avenger SAM systems; FIM-92C version
60	M-48 Chaparral	Mobile SAM system	2000	2000	60	Second-hand; \$7 m deal
(34)	M-60A3 Patton-2	Tank	2000	2001-2002	(34)	Second-hand; aid
6	TPQ-36 Firefinder	Arty locating radar	2000	2002-2003	(6)	\$27 m deal (part of \$50 m deal); AN/TPQ-36(V)9 version
1	E-2C Hawkeye	AEW&C aircraft	2001	2003	1	Second-hand; \$25 m aid; modernized to Hawkeye-2000 before delivery
30	M-113	APC	2001	2001-2002	(30)	Part of \$354 m deal; M-577A2 CP version; 'FMF' aid
(254)	M-113	APC	(2001)	2003-2006	(254)	Second-hand; aid; M-113A2 version; incl 15 M-577A2 CP version and 7 M-981 artillery CP version
26	M-270 MLRS 227mm	Self-propelled MRL	2001	2003-2005	26	Part of \$354 m deal; 'FMF' aid
13	M-88A2 HERCULES	ARV	2001	2003-2004	13	\$73 m deal; assembled from kits in Egypt
3	M-88A2 HERCULES	ARV	2001	2002	(3)	Part of \$354 m deal (financed with US 'FMF' aid); assembled from kits in Egypt
4	Mk-15 Phalanx	CIWS	2001	2004-2006	(4)	Second-hand; \$32 m deal; modernized to Phalanx Block-1B before delivery
22	RIM-66B Standard-1MR	SAM	2001	2001	22	Second-hand; aid
6	SPS-48	Air search radar	2001	2005-2006	(6)	\$143 m deal; AN/SPS-48E version
414	AIM-9L/M Sidewinder	SRAAM	2003	2005-2006	(414)	\$38 m deal; AIM-9M-2 version
(260)	AVDS-1790	Diesel engine	2003	2004-2009	(260)	For modernization of T-54 tanks to Ramses-2 version
100	HMMWV Up-Armoured	APV	2003	2004	(100)	Part of \$109 m deal; M-1114 version
201	M-109A1 155mm	Self-propelled gun	(2003)	2004-2006	(201)	Second-hand; \$44 m deal; M-109A2 and M-109A3 versions
25	RGM-84L Harpoon-2	Anti-ship MI/SSM	2003			RGM-84L-4 version; land-attack capability removed before delivery after Israeli pressure; for Ambassador-3 FAC
3	C-130H Hercules	Transport aircraft	2004	2004	(3)	Second-hand and/or Italian aircraft sold back to US producer and sold to Egypt; \$31 m deal
12	M-270 MLRS 227mm	Self-propelled MRL	(2004)	2005	12	
(50)	Paveway	Guided bomb	2004	2005	(50)	Paveway-2 version
40	TFE-731	Turbofan	2004	2007-2010	(40)	
200	M-109A5 155mm	Self-propelled gun	2005	2005-2008	(200)	Second-hand but modernized before delivery; \$181 m deal
2	Osprey	Minehunter	(2005)	2007	2	Second-hand; lease



	139	RIM-116A RAM	SAM	2005	2013-2014	(74)	Part of \$25 m deal; for Ambassador-4 corvettes; RIM-116B Block-1A version
	3	Ambassador-4	Corvette	2006	2013	2	\$1 b deal
	(25)	Avenger	Mobile AD system	2006	2008	(25)	\$50 m deal
	(600)	FIM-92 Stinger	Portable SAM	2006	2007-2008	(600)	For Avenger SAM systems; FIM-92C version
	2028	BGM-71 TOW	Anti-tank missile	2008	2008	(2028)	TOW-2A version
	1	E-2C Hawkeye	AEW&C aircraft	2008	2010	1	Second-hand; \$38 m deal; modernized to Hawkeye-2000 before delivery
	2	Swiftships-93	Patrol craft	2008	2010	2	
	(6928)	BGM-71 TOW	Anti-tank missile	2009	2009-2012	(6928)	\$319 m deal; TOW-2A version
	(164)	FIM-92 Stinger	Portable SAM	2009	2012	(164)	
	10	AH-64D Apache	Combat helicopter	(2010)	2014	10	
	1	Ambassador-4	Corvette	2010			\$165 m deal
	1	DB-110	Aircraft recce system	2010	2013	(1)	\$11 m deal; for use on F-16C Block-52 combat aircraft
	20	F-16C Block-50/52	FGA aircraft	2010	2013	8	Part of \$3.2 b 'Peace Vector-7' deal; F-16C Block-52 version; incl 4 F-16D
	(2)	LFATS	ASW sonar	2010	2013	(2)	\$25 m deal; for modernization of frigates
	(12)	AAQ-33 Sniper	Aircraft EO system	2011	2013	(4)	For F-16C Block-50 combat aircraft
	2	Beech-1900 SIGINT	SIGINT aircraft	2011	2012	2	\$24 m deal; second-hand transport aircraft rebuilt to SIGINT aircraft
	4	Swiftships-93	Patrol craft	2011	2014	4	\$20 m deal; assembled in Egypt from kits
	13	M-88	ARV	2013	2014	(13)	Second-hand; aid; M-88A1 version
	200	MIM-72C Chaparral	SAM	2014	2014	(200)	Second-hand; aid; MIM-72E version
<b>Iran</b>							
L: China	..	C-802/CSS-N-8	Anti-ship missile	1992	1994-2012	(380)	Incl for Hudong (Thondor), new-produced and modernized Combattante-2 (Kaman) FAC and coast defence systems; possibly incl air-launched version; Iranian designation Tondar or Noor; status since 2010 uncertain (due to UN arms embargo)
	(1100)	QW-1 Vanguard	Portable SAM	(1993)	1996-2006	(1100)	Iranian designation Misagh-1
	(150)	Type-86	APC	(1996)	1997-2011	(150)	Iranian designation Boraq; incl IFV, anti-tank, mortar-carrier and command versions
	..	FL-6	Anti-ship missile	(1998)	1999-2014	(255)	Developed or copied by China from Italian Sea Killer (Marte-2) anti-ship missile supplied by Iran to China; Iranian designation Fajr-e Darya; incl for SH-3D helicopters; status since 2010 uncertain (due to UN arms embargo)
	..	TL-10/FL-8	Anti-ship missile	(2002)	2004-2014	(160)	TL-10A and possibly TL-10B version; status since 2010 uncertain (due to UN arms embargo)
	(50)	C-704	Anti-ship missile	(2003)	2010-2011	(50)	Developed for Iran; Iranian designation Nasr-1
	..	C-801/CSS-N-4	Anti-ship missile	(2004)	2006-2014	(45)	Iranian designation Kosar and/or Sagheb; incl submarine-launched version; status since 2010 uncertain (due to UN arms embargo)
Russia	..	QW-11	Portable SAM	(2005)	2006-2014	(625)	Iranian designation Misagh-2; status since 2010 uncertain (due to UN arms embargo)
		9M111 Fagot/AT-4	Anti-tank missile	(1991)	1993-2014	(4950)	For BMP-2 and Boraq IFV
	(413)	BMP-2	IFV	1991	1993-2001	(413)	1500 ordered but probably only 413 delivered; 82 delivered direct, rest assembled in Iran; Iranian designation possibly BMT-2
	(422)	T-72M1	Tank	(1991)	1993-2001	(422)	T-72S1 version; 1000 ordered but probably only 422 delivered; 122 delivered direct, rest assembled in Iran

		9M14M/AT-3	Anti-tank missile	(1995)	1996-2014	(4450)	Iranian designation RAAD; incl I-RAAD version
	(100)	D-30 122mm	Towed gun	(1997)	1998-2002	(100)	Iranian designation Shafie D-301 and/or HM-40
		9M113 Konkurs/AT-5	Anti-tank missile	(1998)	1999-2014	(2800)	Iranian designation probably Towsan-1
S: China	(3)	JY-14	Air search radar	(1996)	1999-2001	(3)	
	(40)	C-701/FL-8	Anti-ship missile	(1998)	2001-2004	(40)	For China Cat FAC; C-701T and possibly C-701R version; possibly assembled/produced in Darya
	(6)	Crotale	SAM system	(1998)	1999-2004	(6)	HQ-7 (FM-80) version; possibly incl production in Iran as Shahab Thaqeb
Russia	(250)	R-440 Crotale	SAM	(1998)	1999-2004	(250)	HQ-7 (FM-80) version; possibly produced in Iran as Shahab Thaqeb
	(9)	China Cat	FAC	(2000)	2001-2004	(9)	Incl 4 modified version (without anti-ship missiles)
	(200)	V-46	Diesel engine	(1993)	1993-2000	(200)	For modernization of T-54, T-55 and Type-59 tanks to T-72Z; V-46-6 version; supplied to Iraq
	5	Mi-8MT/Mi-17/Hip-H	Helicopter	1998	2000	5	For SAR
	(500)	9M114 Shturm/AT-6	Anti-tank missile	(1999)	2000-2003	(500)	For Mi-171Sh helicopters; possibly incl AT-9 version
	(130)	BMP-2 turret	IFV turret	(1999)	2000-2012	(130)	For Boraq IFV produced in Iran (based on WZ-501 APC from China); possibly assembled in Iran; 2010 uncertain (due to UN arms embargo)
	22	Mi-8MT/Mi-17/Hip-H	Helicopter	1999	2000-2001	22	Incl some for SAR; Mi-171Sh version
	(20)	Mi-8MT/Mi-17/Hip-H	Helicopter	2001	2002-2003	(20)	\$150 m deal; Mi-171Sh version
	(40)	R-60/AA-8	SRAAM	(2003)	2006	(40)	For Su-25 combat aircraft; designation uncertain
	(6)	Su-25/Frogfoot-A	Ground attack ac	(2003)	2006	6	Su-25T version; incl 3 Su-25UBK; for Revolutionary Guard
Ukraine	(750)	9M338/SA-15	SAM	2005	2006-2007	(750)	For Tor-M1 (SA-15) SAM systems
	(29)	Tor-M1/SA-15	Mobile SAM system	2005	2006-2007	(29)	\$700m deal (part of \$1 b deal); incl for protection of Iranian nuclear plant
	(2)	1L119 Nebo	Air search radar	(2007)	2010	(2)	
	(2)	Kasta-2E2	Air search radar	(2010)	2013	(2)	
	(2)	1L222 Avtobaza	Air search system	(2011)	2011	(2)	
	12	An-74/Coaler-B	Transport aircraft	1997	1998-2002	(12)	\$133 m deal; incl 8 An-74T-200 and 4 An-74TK-200 version
	(6)	Kh-55/AS-15 Kent	ALCM	(2000)	2001	(6)	Second-hand; illegal deal (with documents giving Russia as recipient)
<b>Iraq</b>							
S: China	5	Predator	Patrol craft	2002	2004	5	Funded by US aid
Czech Republic	(50)	BMP-1	IFV	(2014)			Second-hand; delivery from 2015
	11	L-159A ALCA	FGA aircraft	(2014)			\$200 m deal; originally produced for Czech Republic but declared surplus and not used; selected but not yet ordered by end-2014
	2	L-159A ALCA	FGA aircraft	(2014)			Second-hand; part of \$200 m deal; selected but not yet ordered by end-2014
	2	L-159B	Trainer/combat ac	(2014)			Second-hand; part of \$200 m deal; selected but not yet ordered by end-2014
	(50)	T-72	Tank	(2014)			Second-hand; delivery from 2015
	(6)	SA-342 Gazelle	Light helicopter	(2009)	2010	6	Second-hand; armed version
France	24	EC135	Light helicopter	2009	2011-2012	24	EUR360 m deal; armed EC-635 version; ordered via France
Germany (FRG)	5	Dingo-2	APC	2014	2014	5	Second-hand; for Kurdish Regional Government to use against Islamic State rebels
Hungary	500	MILAN	Anti-tank missile	2014	2014	(500)	Second-hand; for Kurdish Regional Government to use against Islamic State rebels
	77	T-72M1	Tank	2004	2005	77	Second-hand; aid (\$3.4-5 m overhaul financed by USA)
	66	BTR-80	APC	2005	2007	(66)	Second-hand (but modernized to BTR-80UP in Ukraine before delivery);

							part of \$30 m deal; ordered via Polish company
	(4)	VT-55A	ARV	(2005)	2005	(4)	Second-hand; aid
Italy	2	Assad	Corvette	1981			Handed over unfinished to Iraq 1986 but delivery embargoed 1990 (after Iraqi invasion of Kuwait) until order renegotiated 2014 (incl modification of ships) (4 more ordered but confiscated by Italy after 1990 and sold to Malaysia)
	4	Diciotti	Patrol craft	2006	2009	4	EUR80 m deal
Poland	600	Dzik	APV	2005	2005-2007	(600)	\$80 m or \$180 m deal; Dzik-3 version
Russia	10	Mi-8MT/Mi-17/Hip-H	Helicopter	2005	2006	10	\$65 m deal; ordered via Polish company; Mi-17V-5 version; incl 1 for VIP transport
	(18)	Mi-8MT/Mi-17/Hip-H	Helicopter	(2006)	2007-2008	(18)	Mi-17 version; ordered via USA and Polish company BUMAR
	22	Mi-8MT/Mi-17/Hip-H	Helicopter	2007	2010-2011	(22)	\$80 m deal; Mi-171 version; ordered via UAE and USA; modified in \$245 m deal to armed version in UAE with US equipment
	(48)	96K9 Pantsyr-S1	Mobile AD system	(2012)	2014	(8)	\$2.3 b deal (part of \$4.2-5 b deal)
	(500)	Igla-S/SA-24	Portable SAM	(2012)	2014	(100)	For portable and Dzhigit vehicle-mounted launchers
	15	Mi-28N/Havoc	Combat helicopter	(2012)	2014	(3)	Part of \$4.2-5 b deal; Mi-28NE version
	(2000)	9M114 Shturm/AT-6	Anti-tank missile	2013	2013-2014	(750)	For Mi-35M and probably Mi-28 combat helicopters
	(1200)	9M311/SA-19	SAM	2013	2014	(200)	For Pantsyr AD systems
	(28)	Mi-35M/Hind-E	Combat helicopter	2013	2013-2014	(12)	
	(300)	9M133 Kornet/AT-14	Anti-tank missile	(2014)	2014	(300)	
	(2)	Mi-8MT/Mi-17/Hip-H	Helicopter	2014	2014	(2)	
	(5)	Su-25/Frogfoot-A	Ground attack ac	2014	2014	(5)	Second-hand; for use against Islamic State rebels
	(10)	TOS-1	Self-propelled MRL	2014	2014	(10)	Probably second-hand
Ukraine	13	BRDM-2	Reconnaissance AV	(2005)	2006	13	Second-hand; aid
	66	BREM-1	ARV	2005	2006-2010	(66)	Second-hand; \$37 m deal; ordered via USA; incl some BTS-5B version
	32	BTR-80	APC	2005	2006-2007	(32)	Second-hand; part of \$30 m deal; ordered via Polish company; BTR-80UP version; delivery 2006-2007
	110	BMP-1	IFV	(2006)	2007	110	Second-hand
	22	BREM-1	ARV	2006	2010	(22)	Second-hand; \$11.6 m deal; ordered via USA
	2	AI-20	Turboprop	2009	2012	2	AI-20D-5 version; spares for An-32 transport aircraft
	6	An-32/Cline	Transport aircraft	2009	2011-2012	6	\$99 m deal; An-32B version; option on 4 more not used
	(270)	BTR-4	IFV	2009	2011-2013	(89)	Part of \$427-458 m deal; status uncertain after delivery of 60 (incl APC version; rest possibly cancelled)
	(150)	BTR-4K	APC	2009	2011-2013	(33)	Part of \$427-458 m deal; incl BTR-4K and BTR-4KSh command post, BMM-4S ambulance and BREM-4 ARV version; status uncertain after delivery of 60 (incl IFV version; rest possibly cancelled)
	(2700)	R-2	Anti-tank missile	(2009)	2011-2013	(900)	For BTR-4E IFV
United Kingdom	72	Shorland	APV	2004	2005	72	Second-hand but modernized before delivery; aid
	(60)	AT-105 Saxon	APC	(2006)	2007	60	Second-hand
United States	44	6V-53	Diesel engine	2004	2006	44	For 44 Talha APC from Pakistan
	43	ASV-150/M-1117	APC	2004	2004-2005	(43)	\$50 m deal; incl 2 CP version
	(19)	ASV-150/M-1117	APC	(2004)	2005	19	
	3	C-130E Hercules	Transport aircraft	(2004)	2005	3	Second-hand; aid

7	Comp Air-7SL	Light aircraft	2004	2004	7	Financed by UAE; assembled from kits in UAE
16	Bell-205/UH-1 Huey-2	Helicopter	2005	2007	(16)	Iraqi UH-1H rebuilt to Huey-2
(11)	Cessna-208 Caravan	Light transport ac	(2005)	2007-2009	(11)	Including 3 AC-208B armed version
(8500)	HMMWV Up-Armoured	APV	2005	2006-2009	(8500)	Second-hand; aid; M-1114 version
378	Cougar	APC	2006	2006-2007	(378)	\$180 m deal; Iraqi Light Armored Vehicle (ILAV) or Badger version
20	Cougar	APC	2006	2007	(20)	\$7.8m deal; Iraqi Light Armoured Vehicle (ILAV) version
(50)	M-113	APC	(2006)	2006-2007	(50)	Second-hand; aid
1	TPS-77	Air search radar	(2006)	2009	1	
20	Bell-206/OH-58	Light helicopter	2007	2008-2009	20	Incl 10 Second-hand OH-58C and 10 second-hand Bell-206B version; aid
12	Cessna-172/T-41	Trainer/light ac	2007	2007-2009	12	Option on 6 more
27	Cougar	APC	2007	2008	(27)	Iraqi Light Armoured Vehicle (ILAV) version
5	ISR King Air-350	AGS aircraft	2007	2008	(5)	Part of \$132 m deal
1	King Air	Light transport ac	2007	2007	1	Part of \$160 m deal; King Air-350ER version
(20)	AGM-114A HELLFIRE	Anti-tank missile	2008	2009	(20)	For AC-208B (Cessna-208) aircraft
(200)	AGM-114L HELLFIRE	Anti-tank missile	2008	2012-2013	(200)	For Bell-407 helicopters
(122)	ASV-150/M-1117	APC	2008	2008-2009	(122)	
64	HMMWV Up-Armoured	APV	(2008)	2010	(64)	M-1151 and M-1152 version
5	ISR King Air-350	AGS aircraft	2008	2010-2011	(5)	
(565)	K-6 120mm	Mortar	2008	2009-2012	(565)	M-120 version
1	King Air	Light transport ac	2008	2010	(1)	King Air-350ER version
20	M-113	APC	(2008)	2010	(20)	Probably Second-hand; incl 12 M-577A2 Command Post version
140	M-1A1 Abrams	Tank	(2008)	2010-2012	(140)	Second-hand M-1A1 rebuilt to M-1A1AIM version; option on 140 more
8	M-88A2 HERCULES	ARV	(2008)	2010	8	
24	Bell-407	Light helicopter	2009	2012-2013	24	\$60 m deal; armed version; option on 26 more
3	Bell-407	Light helicopter	2009	2010	3	\$6.9 m deal; T-407 trainer version
6	C-130J-30 Hercules	Transport aircraft	2009	2012-2013	6	\$293 m deal
109	Cougar	APC	2009	2010	109	\$59 m deal; Iraqi Light Armoured Vehicle (ILAV) version
15	PC-9	Trainer aircraft	2009	2009-2010	15	Part of \$257 m deal; T-6A version
9	Swiftships-35	Patrol craft	2009	2010-2012	9	\$181 m deal
2	AMP-137	OPV	2010	2012	2	\$70 m deal
80	ASV-150/M-1117	APC	2010	2011-2013	(80)	\$85 m deal; incl 8 command post version
3	Bell-407	Light helicopter	(2010)	2011	(3)	
44	M-109A5 155mm	Self-propelled gun	2010	2011	(44)	Second-hand
(834)	M-113	APC	2010	2011-2013	(834)	Second-hand; M-113A2 version; modernized before delivery; incl command post, mortar-carrier, ambulance and other versions
120	M-198 155mm	Towed gun	2010	2011-2013	(120)	Second-hand; aid
21	M-88	ARV	2010	2011	(21)	Second-hand but modernized before delivery; aid; M-88A1 version
9	Cougar	APC	2011	2012	(9)	ILAV version
18	F-16C Block-50/52	FGA aircraft	2011	2014	(3)	Part of \$3 b deal; F-16C Block-52 or F-16IQ version; incl 6 F-16D; delivery 2014-2015
3	Swiftships-35	Patrol craft	2011	2013	(3)	\$42 m deal; option on 3 more
1	TPS-77	Air search radar	2011	2013	(1)	\$26 m deal; designation uncertain

(20)	AAQ-33 Sniper	Aircraft EO system	2012			\$32 m deal; delivery by 2015
4	APG-68	Combat ac radar	2012			AN/APG-68(V)9 version; spares for F-16 combat aircraft
8	Avenger	Mobile AD system	(2012)	2013-2014	(8)	Part of \$105 m deal; 'ISFF' aid
4	DB-110	Aircraft recce system	2012			\$71 m deal; for use on F-16 combat aircraft; delivery probably by 2018
(200)	FIM-92 Stinger	Portable SAM	2012	2013-2014	(200)	For Avenger SAM systems
8	M-88A2 HERCULES	ARV	2012	2014	(8)	\$32 m deal
(175)	AGM-114L HELLFIRE	Anti-tank missile	(2013)	2013-2014	175	
18	F-16C Block-50/52	FGA aircraft	2013			\$830 m deal; F-16C Block-52 or F-16IQ version; delivery by 2017
(24)	F404	Turbofan	(2013)			For 24 T-50 trainer/combat aircraft from South Korea
(24)	F404	Turbofan	2013			For 24 T-50 trainer/combat aircraft from South Korea
(13)	MPQ-64	Air search radar	(2013)	2013-2014	(13)	
(10)	ScanEagle	UAV	2013	2014	(10)	
(5000)	AGM-114K HELLFIRE	Anti-tank missile	2014			AGM-114K, AGM-114N and AGM-114R versions
1500	AGM-114L HELLFIRE	Anti-tank missile	2014	2014	1500	Aid against Islamic States rebels
(16)	Bell-407	Light helicopter	(2014)			Delivery 2015
(17)	Caiman	APC	2014	2014	(10)	Second-hand; aid for Iraqi Government and Kurdish Regional Government against Islamic State rebels
250	Caiman	APC	2014	2014	(125)	Second-hand; aid; delivery 2014-2015
50	HMMWV Up-Armoured	APV	2014			Second-hand; aid; delivery 2015
1	King Air	Light transport ac	2014			\$7.9 m deal; King Air-350ER version; delivery 2015
6	M-1A1 Abrams	Tank	2014			Second-hand; aid; delivery 2015
8	M-88A2 HERCULES	ARV	2014			Second-hand; aid; delivery 2015

**Jordan**

S: Austria	2	Camcopter S-100	UAV	2010	2011	2	
China	(150)	W-86 120MM	Mortar	(2004)	2005	150	
France	(1)	Mirage F-1E	FGA aircraft	(2005)	2006	1	Probably Second-hand
Germany (FRG)	6	EC135	Light helicopter	2003	2003-2004	6	EC-635T-1 version; for border patrol
	4	EC135	Light helicopter	(2006)	2006-2007	(4)	EC-635T-1 version; for border patrol and VIP transport
Italy	20	AIM-120C AMRAAM	BVRAAM	2012	2012	20	Second-hand
	(24)	Centauro	AFSV	2014			Second-hand
Netherlands	6	F-16C	FGA aircraft	2007	2009	6	Second-hand; 'Peace Falcon-4' deal; F-16BM (F-16D) version
	(220)	AIFV	IFV	2010	2011-2013	(220)	Second-hand
	(221)	AIFV-APC	APC	2010	2011-2013	(221)	Second-hand; incl YPR-806 ARV version
	121	M-109A1 155mm	Self-propelled gun	2010	2011-2012	121	Second-hand; M-109A2 version
	(69)	M-113	APC	2010	2012-2013	(69)	Second-hand; M-577 command post version
	52	AGM-65 Maverick	ASM	(2013)			Second-hand; delivery probably 2015/2016
	15	F-16C	FGA aircraft	(2013)			Second-hand; F-16AM version; incl 2 F-16BM version; delivery 2015-2016
	(15)	Flycatcher Mk-2	Fire control radar	2013	2014	(15)	Second-hand; part of EUR21 m deal
	60	Gepard	SPAAG	2013	2014	(15)	Second-hand; part of EUR21 m deal; delivery 2014-2016
	(5)	PiPz-1	AEV	2013	2014	(2)	Second-hand; part of EUR21 m deal
Poland	1	M-28 Skytruck	Light transport ac	(2013)	2014	1	Option on 3 more

Russia	(100)	Igla/SA-18	Portable SAM	(2000)	2001	(100)	
	(1800)	Igla-S/SA-24	Portable SAM	2007	2009-2012	(1800)	For use with 182 Dzhigit launchers on light vehicles
	2000	9M133 Kornet/AT-14	Anti-tank missile	(2008)	2009-2010	(2000)	Deal incl also 200 launchers
Spain	2	C-295	Transport aircraft	2003	2003-2004	2	\$45 m deal
	(1)	Mirage F-1E	FGA aircraft	2005	2006	1	Second-hand; Mirage F-1DDA version; Jordanian designation Mirage F-1DJ
	(2)	CN-235	Transport aircraft	(2009)	2014	2	Second-hand; modified to ground attack aircraft in USA before delivery
Ukraine	50	BTR-94	IFV	1999	1999-2000	(50)	\$6.5 m deal
	(3)	An-32/Cline	Transport aircraft	(2006)	2008	(3)	
United Kingdom	(288)	Challenger	Tank	1999	1999-2003	(288)	Second-hand; Jordanian designation Al Hussein
	19	Chieftain/ARV	ARV	(1999)	2004	19	Second-hand; part of 'Al Hussein' deal for Challenger tanks
	16	T-67 Firefly	Trainer aircraft	2001	2002	16	T-67M260 version
	(104)	Challenger	Tank	2002	2003-2004	(104)	Second-hand; aid (partly as reward for Jordanian support in 2003 war against Iraq); Jordanian designation Al Hussein
	(20)	Phaser	Diesel engine	2002	2003-2004	(20)	For modernization of some 20 Spartan APC
	(12)	AT-105 Saxon	APC	2009	2010	12	Second-hand
United States	9	Bell-209/AH-1F Cobra	Combat helicopter	1998	2000-2001	9	Second-hand; aid
	50	M-106	Self-propelled mortar	1999	2000	50	Second-hand; aid
	(23)	M-901 ITV	Tank destroyer	1999	2000-2001	(23)	Second-hand; aid
	132	6V-53	Diesel engine	(2000)	2004-2005	(132)	For modernization of 132 M-113A1 APC to M-113A2 Mk-1J
	(270)	BGM-71 TOW	Anti-tank missile	2000	2001-2002	(270)	BGM-71E TOW-2A and/or BGM-71F TOW-2B version (possibly incl or only practice TOW-2A missiles)
	(2)	SA-2-37/RG-8 Condor	Reconnaissance ac	(2000)	2001	(2)	
	(562)	BGM-71 TOW	Anti-tank missile	2001	2002-2003	(562)	BGM-71E TOW-2A version
	(116)	FGM-148 Javelin	Anti-tank missile	2001	2004	(116)	\$12 m deal (incl 30 launchers)
	(400)	BGM-71F TOW-2B	Anti-tank missile	2002	2003-2004	(400)	Part of \$52 m deal (for 1689 TOW-2A/TOW-2B for 5 countries)
	(1)	TPS-77	Air search radar	(2002)	2004	(1)	\$22 m deal
	20	F100	Turbofan	2003	2003	(20)	Second-hand; spares for F-16 combat aircraft
	17	F-16(ADF)	FGA aircraft	2003	2003-2007	(17)	Second-hand; 'Peace Falcon-2' or 'Jordan-2' deal; incl 1 F-16B; aid (partly as reward for Jordanian support in 2003 war against Iraq)
	17	APG-66	Combat ac radar	2004	2007-2009	(17)	Part of \$87 m deal; for modernization of 17 Jordanian F-16ADF combat aircraft to F-16AM in Turkey
	47	M-113	APC	2004	2004	(47)	Second-hand; aid; incl 5 M-577A2 command post version
	8	S-70/UH-60L	Helicopter	2004	2007	8	\$220 m deal; UH-60L version
	(1000)	6V-53	Diesel engine	(2005)	2005-2014	(876)	For modernization of about 1000 M-113 APC to M-113A2 Mk-1J
	(50)	AIM-120C AMRAAM	BVRAAM	(2005)	2007-2008	(50)	\$39 m deal
	6	MD-500E	Light helicopter	(2007)	2008	6	Armed MD-530F version
	(85)	AIM-120C AMRAAM	BVRAAM	2009	2013-2014	(85)	Possibly \$131 m deal; AIM-120C-7 version
	5	Cessna-208 Caravan	Light transport ac	2009	2009-2011	(5)	Incl 4 Caravan ISR surveillance version
	3	C-130E Hercules	Transport aircraft	(2010)	2011-2012	3	Second-hand; aid
	(432)	GMLRS	Guided rocket	2010	2012-2014	(432)	For HIMARS MRL
	12	M-142 HIMARS	Self-propelled MRL	2010	2012	12	\$27 m deal
	(35)	Cougar	APC	2012	2013	(35)	Second-hand; aid

**Kuwait**

S: Austria

	22	M-88	ARV	2012	2013	22	Second-hand; aid; M-88A1 version
	5	AAQ-33 Sniper	Aircraft EO system	2013			\$16.5 m deal; for F-16 combat aircraft
	92	Cougar	APC	2013	2014	(92)	Second-hand; aid
	(100)	FGM-148 Javelin	Anti-tank missile	2013	2014	(100)	Javelin Block-1 version
	(50)	AGM-114K HELLFIRE	Anti-tank missile	(2014)	2014	(50)	AGM-114K and/or AGM-114M version; for CN-235 ground attack aircraft
	(100)	AGM-114K HELLFIRE	Anti-tank missile	2014			Probably for AT-802U combat aircraft
	(10)	FGM-148 Javelin	Anti-tank missile	2014	2014	(10)	Javelin Block-1 version
	(100)	Paveway	Guided bomb	(2014)			GBU-58 Paveway-2 version; for AT-802U combat aircraft; selected but probably not yet ordered by end-2014
	8	R-44	Light helicopter	2014	2014	(4)	For training
	(100)	WGU-59 APKWS	ASM	2014			
China	(20)	M-14	Diesel engine	2008	2009	(20)	For 20 VBL APV from France
	(40)	Pandur	IFV	2010	2013-2014	(40)	
	(40)	Pandur	APC	2010	2013-2014	(40)	
	27	PCZ-45	ALV	1998	2000-2001	(27)	Part of \$187 m deal
	27	PLZ-45 155mm	Self-propelled gun	1998	2000-2001	(27)	Part of \$187 m deal
	(4)	Type-85	APC	1998	2000-2001	(4)	Part of \$187 m deal; ZCY-45 and ZCL-45 command post versions for use with PLZ-45 self-propelled guns
	(1)	W-653/Type-653	ARV	1998	2000	(1)	Part of \$187 m deal
	(24)	PCZ-45	ALV	2001	2002-2003	(24)	Part of \$200 m deal
	(24)	PLZ-45 155mm	Self-propelled gun	2001	2002-2003	(24)	Part of \$200 m deal
	(4)	Type-85	APC	2001	2002-2003	(4)	Part of \$200 m deal; ZCY-45 and ZCL-45 command post versions for use with PLZ-45 self-propelled guns
France	(1)	W-653/Type-653	ARV	2001	2003	(1)	Part of \$200 m deal
	8	P-37BRL	FAC	1995	1999-2000	8	\$475 m 'Garoh' deal; Kuwaiti designation Um Almaradim; also designated Combattante-1; replacing ships lost during 1990-1991 Gulf War
Germany (FRG)	2	AS365/AS565 Panther	Helicopter	(2002)	2005	2	For police
	(20)	VBL	APV	2008	2009	20	VBL Mk-2 version
	16	MTU-538	Diesel engine	(1995)	1999-2000	16	For 8 P-37BRL (Combattante-1 or Um Almaradim) FAC from France
	(54)	BF-12L413	Diesel engine	1998	2000-2001	(54)	For 27 PLZ-45 self propelled guns and 27 PCV-45 ALV from China, from Chinese production line
	(48)	BF-12L413	Diesel engine	2001	2002-2003	(48)	For 24 PLZ-45 self propelled guns and 24 PCV-45 ALV from China; from Chinese production line
Italy	8	Condor	APC	(2003)	2004	8	For National Guard; Condor-2 version
	(250)	Aspide	BVRAAM/SAM	2007	2008-2013	(250)	Part of \$65 m deal; Aspide-2000 SAM version; for Skyguard AD systems
Russia	(70)	BMP-3	IFV	2009	2010-2011	70	BMP-3M version
Switzerland	5	Skyguard	AD system	2001	2001	(5)	Amoun version; ordered via and partly produced in Egypt
		Skyguard	AD system	2014			
United Kingdom	8	Seaspray	MP aircraft radar	(1995)	1999-2000	8	For 8 P-37BRL (Combattante-1 or Um Almaradim) FAC from France
	(80)	Sea Skua	Anti-ship missile	1997	2000	(80)	\$89 m deal; Sea Skua SL version; for 8 PB-37BRL FAC

United States	(10)	RMTS	IFV turret	2007	2010-2011	(10)	For Desert Chameleon IFV from USA
	(188)	AGM-114K HELLFIRE	Anti-tank missile	2002	2007	(188)	Part of \$868 m deal (part of larger \$2.1 b deal); AGM-114K3 version; for AH-64D helicopters
	(96)	AGM-114L HELLFIRE	Anti-tank missile	2002	2007	(96)	Part of \$868 m deal (part of larger \$2.1 b deal); AGM-114L3 version; for AH-64D helicopters
	(21)	RGM-84 Harpoon	Anti-ship missile	(2002)	2003	21	AGM-84 version
	16	AH-64D Apache	Combat helicopter	2003	2007	16	Part of \$868 m deal (incl \$213 m for airframes and \$46 m for Longbow radars; part of \$2.1 b deal); sold on condition to be used for defensive operations only
	8	APG-78 Longbow	Combat heli radar	2003	2007	(5)	Part of \$46 m deal; for 8 AH-64D combat helicopters
	1	TPS-63	Air search radar	2003	2005	1	\$84-113 m deal; LASS version (on aerostat)
	20	Desert Chameleon	IFV	2007	2010-2011	20	For police
	(1418)	BGM-71F TOW-2B	Anti-tank missile	(2008)	2010-2012	(1418)	
	(2127)	BGM-71 TOW	Anti-tank missile	(2008)	2009-2011	(2127)	TOW-2A version
	(120)	AIM-120C AMRAAM	BVRAAM	2009	2010-2014	(120)	Possibly \$178 m deal; AIM-120C-7 version
	51	JDAM	Guided bomb	2009	2011	(51)	
	3	KC-130J Hercules	Tanker/transport ac	2009	2014	3	\$245 m deal (part of \$1.1 b deal incl support)
	10	Pegasus	Patrol craft	2009	2011-2013	(10)	
	(40)	LAV-25 turret	IFV turret	(2010)	2013-2014	(40)	For Pandur IFV from Austria
	1	C-17A Globemaster-3	Heavy transport ac	(2011)	2014	1	
	209	MIM-104C PAC-2	SAM	2011	2014	(100)	MIM-104E GEM-T version
	1	Patriot	SAM system	(2012)			
	(300)	AGM-114L HELLFIRE	Anti-tank missile	(2013)			
	80	AIM-9X Sidewinder	SRAAM	2013	2014	(20)	\$40 m deal; AIM-9X Block-2 version; delivery by 2015
	1	C-17A Globemaster-3	Heavy transport ac	2013	2014	1	
<b>Oman</b>	(160)	MIM-104F PAC-3	ABM	2013			
	1	AIM-9X Sidewinder	SRAAM	2014			AIM-9X Block-2 version
	2	Patriot PAC-3	SAM/ABM system	2014			\$655 m deal
<b>L: United Kingdom</b>	(88)	Piranha	APC	2000	2001-2003	(88)	Incl production of some components in Oman; incl ARV, CP, 81mm mortar carrier, ambulance, artillery observation version
<b>S: China</b>	(6)	Type-90 122mm	Self-propelled MRL	(2001)	2002	(6)	
	(50)	WZ-551	APC	(2003)	2003	(50)	WZ-551B version; incl CP and ambulance version
Denmark	4	Terma-9000	MP aircraft radar	(2012)			For 4 C-295MPA MP aircraft from Spain
	(230)	Mistral	Portable SAM	2000	2001-2003	(230)	For use with ALBI launcher on VBL armoured vehicles; Mistral-2 version
France	(81)	VBL	APV	2000	2001-2004	(81)	Incl some with ALBI Mistral SAM launcher
	20	NH-90 TTH	Helicopter	2004	2010-2014	(20)	EUR600-800 m deal; incl for SAR
	3	AS-350/AS-550 Fennec	Light helicopter	(2005)	2006	3	
	(50)	MM-40-3 Exocet	Anti-ship MI/SSM	2006	2013-2014	(50)	For Al Shamikh (Khareef) frigates
	6	2R2M 120MM	Mortar	2007	2009	6	For 6 VAB APC



	2	A-321	Transport aircraft	2007	2009	(2)	A-320 version; incl for VIP transport
	(60)	MICA	BVRAAM	(2007)	2013-2014	(60)	For VL-MICA-M SAM system on 3 Al Shamikh (Khareef) frigates
	(50)	MICA	BVRAAM	2009	2012	(50)	For MICA SAM system
	(1)	VL-MICA	SAM system	2009	2012	(1)	
Germany (FRG)	6	MTU-8000	Diesel engine	2007	2013-2014	(6)	For 3 Al Shamikh (Khareef) frigates from UK
Italy	(2)	SHORAR-2D	Air search radar	2000	2001	(2)	Part of MCP surveillance systems for use with Mistral SAM; sold via France
	3	Super Rapid 76mm	Naval gun	(2007)	2013-2014	(3)	For 3 Al Shamikh frigates from UK
	(6)	Centauro	AFSV	2008	2010	(6)	Version with 120mm gun
	3	Centauro	AFSV	2009	2011	(3)	Version with 120mm gun
Netherlands	3	SMART	Air search radar	2007	2013-2014	3	SMART-S Mk-2 version for 3 Al Shamikh (Khareef) frigates from UK
	3	STING	Fire control radar	2007	2013-2014	3	For 3 Al Shamikh (Khareef) frigates from UK
	4	STIR	Fire control radar	2012			STIR-1.2 Mk-2 version for 4 Fearless-75 OPV from Singapore
	4	Variant	Air/sea search radar	2012			For 4 Fearless-75 OPV from Singapore
Spain	4	C-295	Transport aircraft	2012	2013-2014	(4)	
	4	C-295MPA	MP aircraft	2012			Delivery from 2015
	(2)	S763-LANZA	Air search radar	2014			
Switzerland	12	PC-9	Trainer aircraft	1999	2000-2001	(12)	PC-9(M) version
United Kingdom	20	Challenger-2	Tank	1997	2000	(20)	\$172 m deal; Challenger-2 (Oman) Phase-2 version
	(2)	Martello	Air search radar	1999	2000-2001	(2)	Martello S-743D version
	16	Super Lynx-300	Helicopter	2002	2004-2005	(16)	Super Lynx-300/Lynx Mk-120 version
	3	Al Shamikh	Frigate	2007	2013-2014	3	\$700 m 'Khareef' programme
	8	Hawk-100	Trainer/combat ac	2012			Part of GBP2.5 b (\$4 b) deal; Hawk-166 (Hawk AJT) version; delivery 2017
	12	Typhoon Tranche-3	FGA aircraft	2012			Part of GBP2.5 b (\$4 b) deal; delivery 2017
United States	(88)	6V-53	Diesel engine	2000	2001-2003	(88)	For 88 Piranha APC from UK; 6V-53T version
	60	Cummins-6V	Diesel engine	2000	2001-2003	(60)	6BTA-5.9 version; for modernization of 60 Scorpion tanks and Spartan APC; ordered via UK
	32	T-800	Turboshaft	2000	2004-2005	(32)	For 16 Super Lynx-300 helicopters from UK
	(562)	BGM-71 TOW	Anti-tank missile	2001	2002-2003	(562)	BGM-71E TOW-2A version
	14	AAQ-13 LANTIRN	Combat ac radar	2002	2005-2008	(14)	Part of \$1.1 b deal; for F-16 combat aircraft
	14	AAQ-14 LANTIRN	Aircraft EO system	2002	2005-2008	(14)	Part of \$1.1 b deal; for F-16 combat aircraft
	80	AGM-65 Maverick	ASM	(2002)	2006	(80)	Part of \$1.1 b deal; AGM-65D and AGM-65E version; for F-16C combat aircraft
	50	AIM-120C AMRAAM	BVRAAM	2002	2006	(50)	Part of \$1.1 b deal; for F-16C combat aircraft
	(100)	AIM-9L/M Sidewinder	SRAAM	2002	2006	(100)	Part of \$1.1 b deal; AIM-9M-8/9 version; for F-16C combat aircraft
	12	F-16C Block-50/52	FGA aircraft	2002	2005-2008	(12)	\$224 m deal (part of \$1.1 b deal); F-16C Block-50 version
	7	AAQ-33 Sniper	Aircraft EO system	2003	2006	(7)	For F-16 combat aircraft; Pantera version
	84	JDAM	Guided bomb	2003	2006	(84)	
	20	RGM-84 Harpoon	Anti-ship missile	2003	2006	(20)	\$22 m deal (part of \$1.1 b deal); AGM-84D version; for F-16C combat aircraft
	(50)	CBU-97 SFW	Guided bomb	2004	2006-2007	(50)	Incl CBU-105 version
	(100)	Paveway	Guided bomb	2004	2005	(100)	
	(100)	FGM-148 Javelin	Anti-tank missile	(2005)	2009	(100)	
	(100)	FGM-148 Javelin	Anti-tank missile	(2008)	2010	(100)	\$11 m deal
	1	C-130J-30 Hercules	Transport aircraft	2009	2012	1	

2	C-130J Hercules	Transport aircraft	2010	2013-2014	2	
12	F-16C Block-50/52	FGA aircraft	2011	2014	12	\$600m deal; F-16C Block-50 version; incl 2 F-16D version
(12)	AAQ-33 Sniper	Aircraft EO system	2012	2014	(12)	\$23 m deal; for F-16 combat aircraft
3	APG-68	Combat ac radar	2012	2014	(3)	AN/APG-68(V)9 version; spares for F-16 combat aircraft
4	DB-110	Aircraft recce system	2012	2014	(4)	\$34 m deal; for F-16 combat aircraft
(290)	AIM-120C AMRAAM	BVRAAM	(2013)			AIM-120C-7 version for NASAMS SAM system from Norway
(27)	AIM-120C AMRAAM	BVRAAM	2013	2014	(27)	AIM-120C-7 version
50	AIM-9X Sidewinder	SRAAM	2013	2014	(50)	\$29m deal; AIM-9X Block-2 version
(18)	Avenger	Mobile AD system	(2013)			Part of \$2.1 b deal
(100)	FGM-148 Javelin	Anti-tank missile	2013	2014	(100)	Javelin Block-1 version
(266)	FIM-92 Stinger	Portable SAM	2013			For Avenger SAM systems
(1)	MPQ-64	Air search radar	(2013)			Part of \$2.1 b deal; for NASAMS SAM system from Norway
	BGM-71F TOW-2B	Anti-tank missile	2014			TOW-2-RF version

**Qatar**

L: Netherlands	6	Stan Patrol-5009	Patrol craft	2014			
S: France	(50)	Apache	ASM	1994	1999-2003	(50)	For Mirage-2000-5 combat aircraft; Black Pearl version
	(500)	Eryx	Anti-tank missile	1999	1999-2000	(500)	Recipient uncertain (could be other GCC country)
	(2)	Master	Air search radar	(2005)	2007	(2)	Master-M and Master-T versions
	(35)	Mistral	Portable SAM	(2009)	2010-2013	(35)	
	(70)	MM-40-3 Exocet	Anti-ship MI/SSM	2010	2012-2013	(70)	For Barzan (Vita) FAC
	22	HIGUARD	APC	2011	2012-2013	22	For internal security force
	(10)	Sherpa	APV	2011	2012-2013	(10)	For internal security force
		MILAN	Anti-tank missile	2012			MILAN-ER version
Germany (FRG)	62	Leopard-2A6	Tank	2013			Part of EUR1.9 b deal; Leopard-2A7 version; delivery 2015-2018
	24	PzH-2000 155mm	Self-propelled gun	2013			Part of EUR1.9 b deal; delivery 2015-2018
Italy	16	AW139	Helicopter	2008	2009-2012	(16)	EUR260 m deal (incl 2 more for government VIP transport)
		Kronos	Air search radar	2014			QAR1.7 b (\$467 m) deal
Spain	2	A-330 MRTT	Tanker/transport ac	(2014)			QAR2.5 b (\$687 m) deal; selected but not yet ordered by end-2014
Switzerland	24	PC-21	Trainer aircraft	2012	2014	(6)	CHF600 m (\$607 m) deal; delivery 2014-2016
United States	4	C-130J-30 Hercules	Transport aircraft	2008	2011	4	\$394 m deal
	2	C-17A Globemaster-3	Heavy transport ac	2008	2009	2	\$400 m deal
	2	C-17A Globemaster-3	Heavy transport ac	(2010)	2012	2	
		AGM-114K HELLFIRE	Anti-tank missile	2014			
	24	AH-64D Apache	Combat helicopter	2014			QAR8.9 b (\$2.4 b) deal
	3	Boeing-737 AEW&C	AEW&C aircraft	2014			QAT6.6 b (\$1.8 b) deal
	(500)	FGM-148 Javelin	Anti-tank missile	2014			\$150 m deal
	(248)	MIM-104C PAC-2	SAM	2014			MIM-104E GEM-T version
	(778)	MIM-104F PAC-3	ABM	2014			
	10	Patriot PAC-3	SAM/ABM system	2014			QAT27.5 b (\$7.6 b) deal; delivery by 2019

## Saudi Arabia

L: United Kingdom	(50)	MSTAR	Ground surv radar	(1997)	1998-2000	(50)	Assembled from kits in Saudi Arabia
S: Austria	(37)	M12 120mm	Mortar	(2008)	2010	37	
China	(20)	DF-21A/CSS-5	IRBM	(2007)			Status uncertain
	(54)	PLZ-45 155mm	Self-propelled gun	(2007)	2008-2009	(54)	
Finland	36	NEMO 120mm	Mortar turret	(2011)	2012-2013	(36)	EUR100 m deal; for 36 Piranha (LAV-2) mortar carriers from Canada; delivery 2012-2013
France	3	F-3000S	Frigate	1994	2002-2004	3	Part of \$3.4 b 'Sawari-2' deal (offsets 35%); also designated Modified La Fayette; Saudi designation Al Riyadh
	(50)	MM-40 Exocet	Anti-ship missile	1994	2000-2005	(50)	For F-3000S (Al Riyadh) frigates; MM-40 Block-2 version
	12	AS-532U2 Cougar	Helicopter	1996	1998-2001	12	\$508 m 'Al Fahd'; armed AS-532A2 CSAR version
	(75)	ASTER-15 SAAM	SAM	(1997)	2002-2004	(75)	For F-3000S (Al Riyadh) frigates
	(40)	F17 550mm	AS/ASW torpedo	(1997)	2002-2004	(40)	For F-3000S (Al Riyadh) frigates
	(30)	VLRA TPK-BL	APC	(2005)	2006-2007	30	Possibly for police
	(6)	AS565M Panther	Helicopter	(2006)	2010-2011	(6)	
	(80)	CAESAR 155mm	Self-propelled gun	2006	2010-2011	(80)	For National Guard
	(1000)	Mistral	Portable SAM	2006	2007-2010	(1000)	EUR500 m deal; for National Guard
	(25)	2R2M 120MM	Mortar	2007	2009-2010	(25)	For M-113 mortar carrier; for National Guard
	(30)	Damocles	Aircraft EO system	(2007)	2009-2014	(30)	For Tornado and Typhoon combat aircraft; possibly incl assembly or production of components in Saudi Arabia
	20	CAESAR 155mm	Self-propelled gun	(2009)	2011	(20)	For National Guard
	73	Aravis	APC	2011	2013-2014	(73)	For National Guard
	(1000)	BONUS-2	Guided shell	(2011)	2012-2013	(1000)	
	32	CAESAR 155mm	Self-propelled gun	2011	2013-2014	(32)	EUR169 m deal; assembled from kits in Saudi Arabia
	20	Ground Master-60	Air search radar	2011	2013-2014	(6)	Part of IMGP command/control systems for use with MPCV SAM system
	(800)	Mistral	Portable SAM	2011	2013-2014	(460)	Mistral-2 version for MPCV SAM systems
	(49)	MPCV	Mobile AD system	2011	2013-2014	(29)	For National Guard
	191	Aravis	APC	2012	2014	(120)	For National Guard
	(100)	MILAN	Anti-tank missile	(2013)	2014	(100)	For use on M-ATV armoured vehicles
	(130)	Mistral	Portable SAM	2013			For Simbad RC system on 2 Boraida support ships
Germany (FRG)	(100)	Deutz V-10	Diesel engine	(1995)	1998-2005	(100)	For 100 AF-40-8-1 APC produced in Saudi Arabia
	(80)	OM-366	Diesel engine	2006	2010-2011	(80)	For 80 CAESAR self-propelled guns from France
	(54)	BF-12L413	Diesel engine	(2007)	2008-2009	(54)	For 54 PLZ-45 self propelled guns from China; from Chinese production line
	(1400)	IRIS-T	SRAAM	2009	2010-2014	(1400)	For Tornado and Typhoon combat aircraft
	(20)	OM-366	Diesel engine	(2009)	2011	(20)	For 20 CAESAR self-propelled guns from France
	(10)	Luna	UAV	2010	2011-2012	(10)	
	(32)	OM-366	Diesel engine	2011	2013-2014	(32)	For 32 CAESAR self-propelled guns from France
	(73)	OM-924	Diesel engine	2011	2013-2014	(73)	For 73 Aravis APC from France
	(191)	OM-924	Diesel engine	2012	2014	(150)	For 191 Aravis APC from France
	(33)	FPB-41	Patrol craft	2014			Designation uncertain (reported as 'patrol boats')

Italy	3	Super Rapid 76mm	Naval gun	(1994)	2002-2004	3	For 3 F-3000S (Al Riyadh) frigates from France
	(16)	Bell-412	Helicopter	2001	2002	(16)	\$150 m deal; AB-412 version
	5	Falco	UAV	(2011)	2012	(5)	Lease
Netherlands	(225)	SQUIRE	Ground surv radar	2009	2011-2014	(175)	Sold via French company (part of 'Miksa' deal); for border security
Spain	3	A-330 MRTT	Tanker/transport ac	2008	2011-2012	(3)	
	3	A-330 MRTT	Tanker/transport ac	2009	2014	1	Delivery 2014-2016
Sweden	(200)	RBS-56B Bill-2	Anti-tank missile	2005	2010-2011	(200)	Possibly second-hand
	2	Saab-2000 AEW	AEW&C aircraft	2010	2014	2	SEK4.5 b (\$670 m) deal; second-hand Saab-2000 transport aircraft modified to AEW aircraft
Switzerland	(18)	Skyguard	Fire control radar	(2006)	2009-2011	18	For use with 35mm AA guns
	55	PC-21	Trainer aircraft	2012	2014	(20)	Part of GBP1.6 b deal; ordered via UK company; delivery 2014-2016
United Kingdom	73	AMS 120mm	Mortar turret	1996	2000	(73)	\$57 m deal (incl ammunition from Belgium); for 73 Piranha/LAV AFSVs delivered from Canada
	100	Paveway	Guided bomb	1999	2000	100	Second-hand; Paveway-3 version
	(261)	Tactica	APC	(2006)	2008-2009	(261)	For National Guard; incl from Belgian production line
	72	Typhoon	FGA aircraft	2007	2009-2014	(45)	GBP4.4 b deal (part of up to GBP20 b 'Project Salam'); Typhoon F-2 (Typhoon Tranche-2) version
	3	Air refuel system	Air refuel system	2008	2011-2012	(3)	For 3 A-330 MRTT tanker/transport aircraft from Spain
	(1000)	Brimstone	ASM	(2008)	2011-2014	(1000)	For Tornado combat aircraft
	3	Air refuel system	Air refuel system	2009	2014	1	For 3 A-330 MRTT tanker/transport aircraft from Spain
	(350)	Storm Shadow/SCALP	ASM	(2009)	2011-2013	(350)	For modernized Tornado combat aircraft
	22	Hawk-100	Trainer/combat ac	(2012)			Part of GBP1.6 b deal; Hawk AJT version; delivery from 2016
	(2400)	Paveway	Guided bomb	2013			GBP150 m (\$250 m) deal; Paveway-4 version; for Typhoon and modernized Tornado combat aircraft; delivery 2015
	..	Storm Shadow/SCALP	ASM	2013			For Tornado and/or Typhoon combat aircraft
	..	Meteor	BVRAAM	(2014)			For Typhoon combat aircraft
United States	(1748)	6V-53	Diesel engine	(1990)	1991-2004	(1748)	6V-53T version for 1748 Piranha (LAV) APC from Canada and Switzerland
	523	M-113A3	APC	1997	2003-2006	(523)	\$413 m deal; Saudi M-113 rebuilt to M-113A3
	(2)	RE-3	SIGINT aircraft	(1998)	2004	(2)	Saudi KE-3A tanker aircraft rebuilt to RE-3 ELINT/SIGINT aircraft
	500	AIM-120C AMRAAM	BVRAAM	2000	2003-2006	(500)	\$475 m deal; for F-15 combat aircraft
	1827	BGM-71 TOW	Anti-tank missile	2000	2001-2002	(1827)	Part of \$416 m deal; BGM-71E TOW-2A version; for National Guard
	27	M-60A3 Patton-2	Tank	(2000)	2001	27	Second-hand
	105	AGM-65 Maverick	ASM	2001	2002-2003	(105)	\$21 m deal; 98 AGM-65D and 7 AGM-65G version
	(16)	Bell-412	Helicopter	2001	2002-2003	(16)	Bell-412SA or Bell-412RSAF version; from Canadian production line
	(562)	BGM-71 TOW	Anti-tank missile	2001	2002-2003	(562)	BGM-71E TOW-2A version
	(48)	M-109A5 155mm	Self-propelled gun	(2001)	2002-2004	(48)	Probably Second-hand
	1	RE-3	SIGINT aircraft	(2004)	2007	1	Second-hand E-8B AGS aircraft rebuilt to RE-3
	(75)	AIM-9L/M Sidewinder	SRAAM	2005	2006	(75)	Part of \$17 m deal; AIM-9M version
	(75)	AIM-9L/M Sidewinder	SRAAM	2005	2007	(75)	Part of \$17 m deal
	4	Cessna-550 Citation-2	Light transport ac	(2005)	2005-2006	4	
	(132)	6V-53	Diesel engine	2006	2006-2009	(132)	6V-53T version for 132 Piranha (LAV) APC from Canada
	(10)	6V-53	Diesel engine	2006	2007	10	6V-53T version for 10 ACV-S APC from Turkey

(14)	AIM-120C AMRAAM	BVRAAM	2006	2008	(14)	AIM-120C-5 version
(100)	LAV-25 turret	IFV turret	2006	2006-2009	(100)	For Piranha (LAV-25) IFV from Canada
65	F110	Turbofan	2007	2008-2009	(65)	\$300 m deal; F-110-GE-129C version; for modernization of F-15S combat aircraft
16	S-92/H-92 Superhawk	Helicopter	2007	2008-2010	(16)	For police; incl for civilian police use
(350)	6V-53	Diesel engine	2008	2008-2010	(350)	6V-53T version for 300 M-113A300 APC from Turkey
12	AH-64D Apache	Combat helicopter	2008	2011	(12)	Incl 11 Saudi AH-64A rebuilt to AH-64D version
(6)	CF-6/F-103	Turbofan	2008	2011-2012	(6)	For 3 A-330 MRTT tanker/transport aircraft from Spain
91	F110	Turbofan	2008	2009-2010	(91)	Part of \$750 m deal; F-110-GE-129C version; for modernization of F-15S combat aircraft
900	JDAM	Guided bomb	2008	2010-2011	(900)	
(59)	M-1A1 Abrams	Tank	2008	2012-2014	(59)	Second-hand but modernized to M-1A2S before delivery
22	S-70/UH-60L	Helicopter	2008	2010-2011	(22)	\$286 m deal
(724)	6V-53	Diesel engine	2009	2011-2014	(620)	6V-53T version for 724 Piranha (LAV) APC from Canada
14	AAQ-33 Sniper	Aircraft EO system	2009	2010	(14)	\$40 m deal; for F-15S combat aircraft
12	AH-64D Apache	Combat helicopter	(2009)	2014	(12)	
(150)	AIM-9X Sidewinder	SRAAM	2009	2010	(150)	
(6)	CF-6/F-103	Turbofan	2009	2014	(2)	For 3 A-330 MRTT tanker/transport aircraft from Spain
72	ETS	Anti-tank AV turret	(2009)	2011-2013	(72)	ETS Mk-2 version; for 72 Piranha (LAV-AT) tank destroyers from Canada
2	ISR King Air-350	AGS aircraft	(2009)	2011	2	
264	LAV-25 turret	IFV turret	(2009)	2011-2014	(220)	For 264 Piranha (LAV-25) IFV from Canada
(18)	M-198 155mm	Towed gun	(2009)	2010	18	Second-hand
100	Paveway	Guided bomb	(2009)	2010-2011	(100)	GBU-10 and GBU-12 Paveway-2 versions
9	Schweizer-330	Light helicopter	2009	2009	(9)	S-434 version
(312)	6V-53	Diesel engine	2010	2010-2013	(312)	6V-53T version for 312 M-113A300 APC from Turkey
(21)	AAQ-33 Sniper	Aircraft EO system	2010	2011-2012	(21)	\$40-42 m deal
(2742)	BGM-71 TOW	Anti-tank missile	(2010)	2011-2013	(2742)	\$177 m deal; BGM-71E TOW-2A version; for National Guard
13	S-70/UH-60L	Helicopter	2010	2012-2013	(13)	Saudi UH-60A rebuilt to UH-60L
3	S-70/UH-60L	Helicopter	2010	2011	3	S-70i version; from Polish production line; for police
(200)	6V-53	Diesel engine	2011	2013-2014	(200)	6V-53T version for 200 M-113A300 APC from Turkey
(155)	6V-53	Diesel engine	2011			6V-53T version for 155 Piranha (LAV) APC from Canada
(193)	AAQ-13 LANTIRN	Combat ac radar	(2011)			For F-15SA combat aircraft
(2592)	AGM-114L HELLFIRE	Anti-tank missile	(2011)	2013-2014	(2592)	AGM-114R version; for AH-64 combat helicopters; for National Guard
(600)	AGM-88 HARM	ARM	(2011)			AGM-88B version
(24)	AH-64D Apache	Combat helicopter	(2011)	2014	(14)	AH-64E version; delivery 2014-2015
300	AIM-9X Sidewinder	SRAAM	(2011)	2012-2014	(150)	AIM-9X Block-2 version
84	F-15SG	FGA aircraft	2011			Part of \$29 b deal; F-15SA version; delivery 2015-2019
70	F-15SG	FGA aircraft	2011			Part of \$29 b deal; Saudi F-15S rebuilt to F-15SA
(1000)	JDAM	Guided bomb	(2011)			GBU-31B version
21	Patriot PAC-3	SAM/ABM system	2011	2014	(4)	\$1.7 b deal; Saudi Patriot SAM systems rebuilt to Patriot-3 version
(3100)	Paveway	Guided bomb	(2011)	2013-2014	(1500)	Incl 1100 GBU-24 Paveway-3 and 2000 Dual Mode Paveway
2	S-70/UH-60L	Helicopter	2011	2012	2	\$27 m deal

	12	S-70/UH-60L	Helicopter	2011	2013-2014	(12)	Saudi UH-60A rebuilt to UH-60L
	(158)	AAQ-33 Sniper	Aircraft EO system	2012			For F-15SA combat aircraft
	12	AH-64D Apache	Combat helicopter	(2012)			AH-64E version; for National Guard; delivery from 2015
	(10)	DB-110	Aircraft recce system	2012	2014	(4)	\$183 m deal; for F-15SA combat aircraft
	(25)	F110	Turbofan	(2012)			Spares for F-15SA combat aircraft
	4	ISR King Air-350	AGS aircraft	(2012)			
	(9)	King Air	Light transport ac	2012	2013-2014	(9)	King Air-350 version
	1	King Air	Light transport ac	2012	2013	1	Second-hand but probably modernized before delivery; King Air-350 version
	(12)	MD-500E	Light helicopter	2012	2013	(12)	\$41 m deal; MD-530F version; for National Guard
	(400)	RGM-84L Harpoon-2	Anti-ship MI/SSM	(2012)			AGM-84L version
	24	S-70/UH-60L	Helicopter	2012	2014	(12)	For National Guard; UH-60M version
	(650)	AGM-84H SLAM-ER	ASM	2013			For F-15SA combat aircraft; selected but not yet ordered by end-2014
	(500)	AIM-120C AMRAAM	BVRAAM	2013			AIM-120C-7 version
	(1300)	CBU-97 SFW	Guided bomb	2013			CBU-105D/B version; delivery by 2015
	2	KC-130J Hercules	Tanker/transport ac	2013			\$181 m deal; delivery by 2016
	(300)	M-ATV	APV	2013	2014	(300)	
	25	SR-22	Light aircraft	2013	2013	25	Ordered via UK company (as part of GBP1.6 b deal); for training
		AGM-114K HELLFIRE	Anti-tank missile	2014			
	(973)	AGM-154 JSOW	ASM	2014			JSOW-C Block-3 version
	24	AH-6S	Combat helicopter	2014	2014	(12)	\$235 m deal; AH-6i version; for National Guard; delivery by 2016
	(4941)	BGM-71F TOW-2B	Anti-tank missile	(2014)			Incl 4194 for National Guard
	(10747)	BGM-71 TOW	Anti-tank missile	2014			BGM-71 TOW-2A and TOW-2A-RF versions; incl 9740 for National Guard; delivery 2015-2017
	(202)	MIM-104F PAC-3	ABM	(2014)			For modernized Patriot SAM systems; selected but probably not yet ordered by end-2014
<b>UAE</b>							
L: Austria	60	Camcopter S-100	UAV	2006	2006-2010	(60)	Incl production of components in UAE; UAE designation Al Saber
France	4	Baynunah	Corvette	2003	2011-2014	4	\$500-545 m 'Project Baynunah' (incl \$205 m for French shipyard); 3 assembled in UAE
	2	Baynunah	Corvette	2005			AED1 b (\$272 m) deal; part of 'Project Baynunah'
Netherlands	2	FOPV-850	Corvette	2014			AED1 b (\$272 m) deal; for coast guard; with hulls from Romanian production line fitted out in Abu Dhabi
Sweden	4	L-22	Landing craft	2004	2006-2007	(4)	
	12	Ghannatha	FAC	2009	2013-2014	(12)	Part of AED930 m (\$252 m) deal; incl 9 produced in UAE; UAE designation Al Bazam
Ukraine	(24)	BTR-3U Guardian	IFV	2002	2003	(24)	Assembled from kits in UAE (incl fitting of FRG engine and US transmission)
S: Denmark	6	SCANTER-2001	Sea search radar	2004	2011-2014	4	For 6 Baynunah corvettes from France
Finland	5	AMV	APC	2008	2008-2010	(5)	From Polish production line
	6	NEMO 120mm	Mortar turret	2009	2013-2014	(6)	For modification of 6 Ghannatha transport craft to fire support craft
France	390	Leclerc	Tank	1993	1994-2006	(390)	Part of \$3.4 b deal (offsets 60%); incl 2 Driver Training Tank version

	(28)	Leclerc DNG	ARV	1993	1997-2004	(28)	Part of \$3.4 b deal (offsets 60%)
	18	Leclerc EPG	AEV	1993	2008-2010	(18)	Part of \$3.4 b deal (offsets 60%); originally ordered as ARV but order changed to AEV
	7	AS565S Panther	ASW helicopter	1995	1999-2004	(7)	\$230 m deal; AS-565SB version; for Abu Dhabi
	(60)	AS-15TT	Anti-ship missile	(1997)	1999-2000	(60)	For AS-565SB helicopters; for Abu Dhabi
	(30)	AS-15TT	Anti-ship missile	(1997)	2001-2002	(30)	For AS-565SB helicopters; for Dubai
	(4)	AS565S Panther	ASW helicopter	1997	2001-2002	(4)	AS-565SB version; for Dubai
	(500)	MICA	BVRAAM	1998	2003-2007	(500)	For Mirage-2000-9 combat aircraft
	(62)	Mirage-2000-5 Mk-2	FGA aircraft	1998	2003-2007	(62)	\$3.4 b 'Bader-21' deal; ordered after USA refused sale of F-16 combat aircraft with long-range ASM capability; Mirage-2000-9 version; incl 32 UAE Mirage-2000 rebuilt to Mirage-2000-9
	500	R-550 Magic-2	SRAAM	(1998)	2003-2007	(500)	For Mirage 2000-9 combat aircraft
	(600)	Storm Shadow/SCALP	ASM	1998	2003-2008	(600)	Black Shaheen version (with reduced range to conform to 300km MTCR limits); for Mirage-2000-9 combat aircraft
	(14)	AS-350/AS-550 Fennec	Light helicopter	1999	2001-2002	(14)	FFR165 m (\$27 m) deal; for Dubai; incl for training; AS-350B3 version
	(15)	AS-550C2 Fennec	Combat helicopter	2000	2002-2005	15	AS-550C3 version
	(30)	AM-39 Exocet	Anti-ship missile	(2002)	2003	30	
	24	VBL	APV	2003	2004	24	
	(62)	Damocles	Aircraft EO system	(2004)	2005-2007	(62)	For Mirage-2000-9 combat aircraft
	150	MM-40-3 Exocet	Anti-ship MI/SSM	2006	2010-2014	(91)	Part of EUR400 m deal; for Baynunah corvettes and probably for Abu Dhabi frigate and Falaj-2 covettes
	1	CAPTAS VDS	ASW sonar	(2009)	2013	1	For 1 Abu Dhabi frigate from Italy; CAPTAS Nano or CAPTAS Mk-2 version
	2	Ocean Master	MP aircraft radar	2009	2012	2	For modification of 2 Dash-8 transport aircraft to MP aircraft in Canada
	1	UMS-4110	ASW sonar	(2009)	2013	1	For 1 Abu Dhabi frigate from Italy
	(20)	MICA	BVRAAM	(2011)	2013	(20)	VL-MICA SAM version; For Falaj-2 corvettes
	17	Ground Master-200	Air search radar	2013			\$396 m deal
	2	Helios-2	Recce satellite	(2013)			EUR700 m deal; Pleiades version
Germany (FRG)	436	MTU-883	Diesel engine	1993	1994-2010	(436)	For 390 Leclerc tanks and 46 Leclerc ARV from France
	(24)	BF6M	Diesel engine	2002	2003	(24)	For 24 BTR-3U IFV from Ukraine; engines fitted in UAE
	85	BF6M	Diesel engine	2003	2004-2005	(85)	For modernization of 85 M-109L-47 self-propelled guns; BF-6M-1015CP version
	(24)	MTU-595	Diesel engine	(2003)	2011-2014	16	For 6 Baynunah corvettes from France
	32	Tpz-1 Fuchs	APC	2005	2007-2009	(32)	EUR160 m (\$205 m) deal; Fuchs-2 version; incl 16 NBC and 8 biological warfare reconnaissance and 8 command post version
	2	Frankenthal/Type-332	MCM ship	2006	2006	2	Second-hand
	3	COBRA	Arty locating radar	2009	2010	(3)	
	(24)	MTU-2000	Diesel engine	2009	2013-2014	(24)	For 12 Ghannatha FAC from Sweden
	4	MTU-4000	Diesel engine	2010	2013	4	For 2 Falaj-2 corvettes from Italy
	2	Rmah	Support ship	2011	2014	2	Possibly incl for minelaying
Italy	6	Super Rapid 76mm	Naval gun	(2003)	2012-2014	4	For 6 Baynunah corvettes from France
	6	Orion RTN-25X	Fire control radar	2004	2011-2014	4	For 6 Baynunah corvettes from France
	(25)	A244 324mm	ASW torpedo	2005	2006	(25)	EUR12 m deal; A-244S version
	6	AW139	Helicopter	2005	2007	(6)	Part of \$83-84 m deal (incl 2 more for government VIP transport); for SAR

	1	Abu Dhabi	Frigate	2009	2013	1	AED430 m (\$117 m) deal; option on 1 more
	(100)	Marte-2	Anti-ship missile	2009	2013-2014	(100)	Marte-2/N version; for 12 Ghannatha FAC
	2	Falaj-2	Corvette	2010	2013	2	Option on 2 more
	2	P-180MPA	MP aircraft	2012			Avanti-2 version; for modification to MP aircraft in UAE (with systems from Sweden and USA)
Netherlands	10	Scout	Sea search radar	1996	1997-2001	(10)	For modernization of 2 Kortenaer frigates, 6 TNC-45 FAC and 2 other ships
Romania	10	SA-330 Puma	Helicopter	2001	2006-2007	(10)	Part of \$125 m deal (incl modernization of 15 UAE SA-330); probably Second-hand, bought by Romanian company IAR and modernized before delivery; IAR-330SM version; for Abu Dhabi
Russia	(402)	BMP-3	IFV	(1994)	1994-2000	402	For Dubai
	50	96K9 Pantsyr-S1	Mobile AD system	2000	2009-2013	(50)	\$720-800 m deal (incl development partly funded by UAE); first delivery delayed from 2003 to 2009
	(1000)	9M311/SA-19	SAM	2000	2009-2013	(1000)	For 96K9 Pantsyr-S1 AD systems
Spain	3	A-330 MRTT	Tanker/transport ac	2008	2013	3	EUR730 m deal
Sweden	6	Giraffe AMB	Air search radar	2004	2011-2014	4	For 6 Baynunah corvettes from France
	7	APID-55	UAV	2006	2008-2009	(7)	
	2	Saab-340AEW	AEW&C aircraft	2009	2010-2011	2	Second-hand S-100B version modernized to S-100D before delivery; SEK1.5 b (\$234 m) deal; aircraft chosen
Switzerland	25	PC-21	Trainer aircraft	2009	2011-2012	25	Part of CHF520 m (\$515 m) deal
United Kingdom	1	Learjet-35/36	Light transport ac	(2000)	2001	1	Second-hand; for target-towing; Learjet-35A version
	1	Learjet-35/36	Light transport ac	2004	2004	1	Second-hand; Learjet-35A version
	3	Air refuel system	Air refuel system	2008	2013	3	For 3 A-330 MRTT tanker/transport aircraft from Spain
	6	Trent	Turbofan	2008	2013	6	For 3 A-330 MRTT tanker/transport aircraft from Spain; Trent-772B version
United States	136	6V-53	Diesel engine	1997	1999-2000	(136)	For 136 AIFV (ACV-350) APC from Turkey; 6V-53TA version
	(1673)	Paveway	Guided bomb	(1998)	1999-2004	(1673)	Incl GBU-10 and GBU-12 Paveway-2 and GBU-24 Paveway-3
	24	RGM-84 Harpoon	Anti-ship missile	1998	1998-2001	(24)	RGM-84G-4 version for Kortenaer (Abu Dhabi) frigates
	80	F-16E	FGA aircraft	2000	2004-2008	(80)	\$5 b deal (incl \$400 m for engines; \$3 b advance payments incl for development of avionics and radar; part of \$6.8 b deal); incl 25 F-16F
	159	AGM-88 HARM	ARM	2001	2006-2007	(159)	For F-16E combat aircraft; AGM-88C version
	2	C-130H-30 Hercules	Transport aircraft	2001	2001-2002	(2)	Second-hand; L-100-30 version; modernized in UK before delivery
	49	AGM-114K HELLFIRE	Anti-tank missile	(2002)	2005	(49)	AGM-114M3 version; for AH-64D helicopters
	240	AGM-114L HELLFIRE	Anti-tank missile	(2002)	2005	(240)	AGM-114L3 version; for AH-64D helicopters
	(1163)	AGM-65 Maverick	ASM	(2002)	2003-2007	(1163)	For F-16E combat aircraft; incl AGM-65G version
	(267)	AIM-9L/M Sidewinder	SRAAM	2002	2004-2006	(267)	AIM-9M version; for F-16E combat aircraft
	(491)	AIM-120B AMRAAM	BVRAAM	(2003)	2004-2007	(491)	For F-16E combat aircraft
	202	JDAM	Guided bomb	2003	2006	(202)	
	(12)	RGM-84 Harpoon	Anti-ship missile	(2003)	2005	(12)	\$40 m deal; AGM-84 version for F-16E combat aircraft
	(50)	Paveway	Guided bomb	2004	2005	(50)	Paveway-3 version
	8	Cessna-208 Caravan	Light transport ac	(2005)	2005-2007	8	Cessna-208B version
	(16)	T55-L	Turboshaft	2005	2006-2010	(16)	From Italian production line; T-55-L-712E version; for modernization of 8 CH-47C helicopters
	(237)	RIM-162 ESSM	SAM	2006	2011-2014	(125)	Possibly \$245 m deal; for Baynunah corvettes



30	AH-64D Apache	Combat helicopter	2007	2008-2009	(30)	Part of \$1.5 b deal; UAE AH-64A rebuilt to AH-64D Longbow version
30	APG-78 Longbow	Combat heli radar	2007	2008-2009	(30)	For AH-64D combat helicopters
(100)	CBU-97 SFW	Guided bomb	(2007)	2008-2009	(100)	CBU-105 version
4	Dash-8	Transport aircraft	2007	2007	4	Second-hand; for conversion to maritime patrol aircraft
(200)	RIM-116A RAM	SAM	2007	2011-2014	(150)	For Baynunah corvettes; RIM-116B version
10	S-70/UH-60L	Helicopter	2007	2008	10	S-70A version
4	CH-47F Chinook	Helicopter	2008	2010	4	
(1000)	FGM-148 Javelin	Anti-tank missile	2008	2009-2010	(1000)	
(1560)	GMLRS	Guided rocket	(2008)	2011-2012	(1560)	Part of \$752 m deal; for use with HIMARS MRL
300	JDAM	Guided bomb	2008	2011-2012	(300)	
20	M-142 HIMARS	Self-propelled MRL	2008	2011	(20)	
(216)	MIM-104C PAC-2	SAM	2008	2012-2014	(216)	Patriot GEM-T version
(292)	MIM-104F PAC-3	ABM	(2008)	2012-2014	(292)	
(9)	Patriot PAC-3	SAM/ABM system	2008	2012-2014	(9)	
938	Paveway	Guided bomb	(2008)	2010-2013	(938)	Incl 450 GBU-24 Paveway-3 and 488 GBU-12 Paveway-2
10	S-70/UH-60L	Helicopter	(2008)	2009-2010	(10)	
(390)	AGM-114L HELLFIRE	Anti-tank missile	2009	2012-2013	(390)	AGM-114N version
224	AIM-120C AMRAAM	BVRAAM	2009	2013-2014	(224)	Part of \$326 m deal; AIM-120C-7 version
6	C-17A Globemaster-3	Heavy transport ac	(2009)	2011-2012	(6)	
14	S-70/UH-60L	Helicopter	2009	2012-2013	(14)	\$209 m deal; UH-60M armed version
(500)	AGM-65 Maverick	ASM	2010	2011-2013	(500)	\$170 m deal; AGM-65D and AGM-65G version
24	AT-802U	Ground attack ac	2010	2010-2014	24	
(250)	CBU-97 SFW	Guided bomb	(2010)	2011-2012	(250)	
1	F-16E	FGA aircraft	2010	2012	1	
26	S-70/UH-60L	Helicopter	2010	2011-2012	(26)	Armed UH-60M version
(12)	CH-47F Chinook	Helicopter	2011	2012-2014	(10)	Delivery probably 2012-2015
6	DB-110	Aircraft recce system	2011	2013	(6)	\$81 m deal
50	M-ATV	APV	2011	2011	(50)	\$27 m deal
(100)	MGM-140B ATACMS	SSM	(2011)	2013	(100)	ATACMS Block-1A version
2	THAAD	ABM system	2011			\$2.5 b deal; delivery possibly by 2016 or 2018
750	M-ATV	APV	(2012)	2013	750	AED1.4 b (\$380 m) deal
2	RDR-1700	MP aircraft radar	2012			RDR-1700G(v)2 version for 2 P-180MPA MP aircraft from Italy
96	THAAD missile	ABM missile	2012			
(300)	AGM-84H SLAM-ER	ASM	(2013)			Selected but not yet ordered by end-2014
30	Bell-407	Light helicopter	(2013)	2014	(8)	Armed version; delivery 2014-2016
(2000)	Talon	ASM	2013			\$117 m deal; or AH-64D combat helicopters
(24)	Archangel-BPA	Ground attack ac	2014			Assembled in UAE; delivery 2015-2016
2	C-17A Globemaster-3	Heavy transport ac	(2014)			Selected but not yet ordered by end-2014
(30)	F-16E	FGA aircraft	(2014)			F-16E Block-61 version; selected but possibly not yet ordered by end-2014
(5000)	GBU-39 SDB	Guided bomb	(2014)			
	JDAM	Guided bomb	2014			
(10)	RQ-1 Predator	UAV	(2014)			AED722 m (\$200 m) deal; Predator XP version

**Yemen**

S: Czech Republic	(132)	T-55AM-2	Tank	1999	2000-2002	132	Second-hand; incl some T-54 tanks; possibly modernized before delivery
	12	Z-142/Z-242L	Trainer aircraft	2001	2002	12	Z-242L version
	(15)	OT-90	APC	(2010)	2010	15	Second-hand
	5	OT-90	APC	(2012)	2013	5	Second-hand; designation uncertain (reported as 'armoured combat vehicles')
	(14)	Argos-73	Air/sea search radar	2006	2007-2008	(14)	Part of EUR20m (USD26 m) deal; designation uncertain
Italy	3	Deba	Landing craft	1999	2001	3	Part of \$50 m deal; Yemeni designation Dhaffar
Poland	1	Project-771/Polnocny	Landing ship	1999	2002	1	Part of \$50 m deal; NS-722 version; Yemeni designation Bilquis
Russia	(39)	T-72B	Tank	(1999)	2000-2001	(39)	Second-hand but modernized before delivery
	(14)	MiG-29SMT/Fulcrum-F	FGA aircraft	(2001)	2002	14	\$300-437 m deal; delivered as MiG-29S and modified 2003-2005 to MiG-29SMT; probably incl 2 MiG-29UBT
	(100)	R-27/AA-10	BVRAAM	(2001)	2002	(100)	For MiG-29SMT combat aircraft
	(176)	R-73/AA-11	SRAAM	(2001)	2002-2005	(176)	For MiG-29SMT combat aircraft
	(50)	Kh-29/AS-14 Kedge	ASM	(2003)	2004-2005	(50)	For MiG-29SMT combat aircraft
	60	Kh-31A1/AS-17	Anti-ship missile/ARM	(2003)	2003-2005	(60)	For MiG-29SMT combat aircraft
	(6)	MiG-29SMT/Fulcrum-F	FGA aircraft	2003	2004-2005	(6)	Incl 2 MiG-29UBT version
	(100)	RVV-AE/AA-12 Adder	BVRAAM	(2003)	2004-2005	(100)	For MiG-29SMT combat aircraft
	180	BMP-2	IFV	2004	2004-2005	(180)	BMP-2D version; no. could be 188
	(100)	BTR-80A	IFV	2009	2010	(100)	\$40 m deal
Spain	1	CN-235	Transport aircraft	2011	2013	1	Financed by USA
Ukraine	(100)	BMP-2	IFV	(2002)	2003-2004	100	Probably second-hand
	32	T-72	Tank	(2002)	2003	(32)	Second-hand
	(14)	L-39C Albatros	Trainer aircraft	(2004)	2005-2006	(14)	Second-hand
	(12)	Su-22/Fitter-H/J/K	FGA aircraft	(2005)	2006-2007	12	Second-hand
	(6)	D-30 122mm	Towed gun	(2011)	2011	6	Second-hand
United States	32	M-113	APC	(2005)	2006	32	Second-hand; aid
	(18)	Cougar	APC	2007	2008	(18)	Yemeni designation YLAV
	4	Bell-205/UH-1 Huey-2	Helicopter	2010	2011	4	\$27 m aid; Second-hand UH-1H rebuilt to UH-1H-2
	(2)	CT-7	Turboprop	2011	2013	2	For 1 CN-235 transport aircraft from Spain
	2	Cessna-208 Caravan	Light transport ac	2012	2013	2	Cessna-208B-ISR surveillance version or AC-208B armed version; aid
	4	ISR King Air-350	AGS aircraft	2014			Designation uncertain (possibly King Air-350 SPYDR version); delivery 2015

Source: SIPRI Arms Transfer Data Base, [http://armstrade.sipri.org/armstrade/page/trade\\_register.php](http://armstrade.sipri.org/armstrade/page/trade_register.php)

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