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Lord Joe Browne
Vice Chairman, Nuclear Threat Initiative

Plan B: Using Sanctions to End Iran's Nuclear Program

George Perkovich and Silvia Manzanero

ARMS CONTROL TODAY

On October 27, 2003, Iran vowed to sign and abide by the Additional Protocol to the Safeguards Agreement, to suspend all uranium enrichment and reprocessing activities voluntarily, and to cooperate fully with the International Atomic Energy Agency (IAEA) in resolving questions regarding Iran's nuclear program. Since then, Iran's cooperation with the agency has been uneven and its commitments inconsistent. Iran's decision adopted by the Board of Governors on March 13, 2006, suggests that Iran has failed to fulfill its stated promises and has hidden significant activities. The decision also appears that Iran's actions in interfering with inspections violate its safeguards obligations.[1]

If Iran is found to be in noncompliance, the international community will be compelled to respond, or else the nonproliferation regime will be damaged beyond repair. Military force should not be resorted to except to halt proliferation. Various forms of sanctions inevitably should be considered first.[2]

But the ability to impose sanctions that are effective in the near future to weapons behavior will not take place in a vacuum. The United States has imposed sanctions on Iran for 26 years, punishing the Islamic republic for various unacceptable behaviors, including support for international terrorism, but not specifically to prevent access to technologies of human rights and other transgressions.

Yet, the very breadth of the sanctions has limited their effectiveness. Applying new sanctions also this year—especially if multilateral and enforced by international institutions—will be difficult and will require skillful diplomacy. Simply piling on more sanctions in the vague hope that the cumulative weight will lead to regime change in Iran is not a strategy. It is a prescription for failure. Iran's nuclear program is not the only issue on the table, and one or two most important issues to resolve and then focus positive inducements and/or coercive measures to achieve. The United States and its allies should not repeat the mistake of Iraq, where the sanctions regime was allowed to become a political football and inspire support of Saddam Hussein rather than of the international community that could be quickly implemented and rapidly affect Iran's nuclear behavior in the event it waves in fulfilling its commitments.

Current U.S. Sanctions Against Iran

Since the Iranian Revolution and hostage crisis of 1979, the United States has unilaterally imposed an extensive array of sanctions against Iran. Washington has prohibited most trade with Iran, including the sale of arms and related materiel, and has blocked Iranian assets. The only exceptions were licenses that in effect allowed U.S. companies to import from supporting terrorist organizations, hindering the peace process in the Middle East, and pursuing weapons of mass destruction (WMD). The U.S. difficulties have not assessed the effectiveness of the sanctions before adding new ones.

In 1996, the Iranian administration designated Iran a state sponsor of terrorism. In 1984, the United States has imposed sanctions on any trade with the Iranian government of arms and dual-use materials. In addition, the Iran-Libya Sanctions Act (ILSA) of 1996 (renewed in 2001) authorized the president to impose two or more sanctions selected automatically against a combination of European, Russian, and Malaysian firms investing in the energy sector to avoid a potential trade conflict between the United States and Europe. In exchange, the European Union (EU) and Japan withdrew their efforts in nonproliferation and terrorism.[3]

Under ILSA, the U.S. government also may penalize any U.S. financial institution from offering loan items or credits of more than $10,000 within a 12-month period to [4] sanctions, to U.S. entity, any person or goods or services from an Iranian person or institution.

In March 2006, sanctions on Iranian imports for the United States were eased. Current exemptions include gifts valued at $100 or less, information and information materials, carpets, and some food products.[5]

Overall, the effects of U.S. sanctions on the Iranian economy have been limited. Some economic consequences have certainly been less than is needed to cope with a fast-growing population (65.3 percent working age), but sanctions have a 19.3 percent unemployment rate and inconsistent economic growth. Iran's economy is based on oil exports and corruption, and the lack of modernization policies—are the main causes for Iran's economic woes. U.S. sanctions have not been the main factor behind Iran's economic problems. Iran's oil industry has been hurt by sanctions, but the Iranian regime's leaders have not been able to take full advantage of periods of high oil prices. Oil and gas sanctions also have prevented international lending institutions from funding development projects in Iran. The U.S. sanctions have not been effective in changing Iran's behavior or in promoting regime change in Iran.

Despite U.S. sanctions, Iran has been able to maintain a measure of economic growth by diversifying its trading partners and by heavily relying on oil exports.[6] Recent hopes of private have allowed the government to begin privatizing some industries. Iran's economic growth has been fueled by increasing oil prices. The Iranian president, President George H. Bush can be part of the "axis of evil." Iran's dependence from Russian nuclear power industry, and none of the executive orders has prohibited U.S. companies from importing Iranian oil refined in third countries.

Most importantly, U.S. sanctions have not prompted Iran to change its behavior or governmental leadership during the decade-long U.S. policymakers. Iran remains in the list of state sponsors of international terrorism. It is still suspected of violating its obligations under the Nuclear Nonproliferation Treaty (NPT), and has not moved toward democratization. Sanctions have not been effective in changing Iran's behavior or governmental leadership or to make the changes needed by the United States, but U.S. policymakers have not considered whether sanctions are necessarily right, but clear policy objectives, and that have failed to attain multilateral collaboration. In short, they have been arbitrary.

The arbitrary management of sanctions reflects a broader confusion in U.S. policy toward Iran, which has shifted from containment to behavior change and, at times, regime change. This has led to serious and self-defeating U.S. policy inconsistencies. For example, rather than rewarding Iran for its cooperative attitude in the 2001 Bonn Agreement, which led to the creation of the Karzai government in Afghanistan, the administration of President George H. Bush cast Iran as part of the "axis of evil." Such inconsistencies have undermined the authoritarian government in Iran would confirm with the U.S. mission to promote democratic change in Iran and the greater Middle East. Yet, it should be possible to alleviate Iran's fears and to change its behavior with specific changes in the nuclear- and terrorism-related policies of current decision-makers. After all, the United States has established normalizing arms controls with the Soviet Union and other challenging regime change that communism or democracy.

The biggest problems with a regime change strategy are that Iran might develop nuclear weapons before any significant change of leadership occurs and, even if a new government emerged, it might also seek to retain nuclear weapon options.

Thus, the U.S. objective today should be to prevent or, if that fails, reverse an Iranian decision to seek nuclear weapons. Regime change should not be the primary objective, but it may be a consequence of the effort to stop Iran's power. The implementation of new sanctions would, therefore, be directed toward behavior change in the areas that most immediately threaten U.S. and regional security interests.

The most effective way to qualify new sanctions would be through a UN Security Council resolution under Chapter VII (Chapter VII sanctions are binding on all states). If Iran failed to comply fully with IAEA demands, such a resolution should be feasible given that the Security Council has previously determined that noncompliance is a threat to international peace and security.

Such new sanctions must have a mechanism for their suspension if and when Iran complies with established demands. That is, if Iran provides a complete account of all of its nuclear activities, settles old implications like the discovery of plutonium and uranium, and ratifies and implements the Additional Protocol, sanctions should be lifted. Iran's pattern of deception, as intentionally suggestive of nuclear weapons, then these sanctions would be withdrawn.

Identifying Iran's Vulnerabilities

New sanctions should be pursued only to the extent they are likely to be applied for a decisive collection of countries and can be adjusted if and as Iran's nuclear policies improve. The focus should be on Iran's energy sector and on its banking and financial institutions. Iran's economic vulnerabilities are in these areas, and its efforts to operate non-oil and gas exports as well as the imports of goods from its domestic consumption must be met by high import measures, but the United States would find few partners in pursuing such sanctions. Banning Iran from receiving credits for development projects from international financial institutions would be difficult, as membership in relevant trade agreements sometimes additional pressure areas. Finally, curbing Iran's most lucrative exports—oil and gas—would be extremely difficult. Iran's oil industry is in need of investment, but the country is increasingly trying to diversify its economy through the development of its petrochemical industry. The cooperative of the EU and Japan in such sanctions.

Study by 50 percent of the revenue of Iran's central government comes from oil exports and they constitute about 80 percent of Iran's total export earnings.[7] In order to remain a profitable source of revenue, however, the oil industry must be modernized. Iran's oil industry is in need of $100 billion in new investment to maintain current production levels and to increase investment to update certain fields that are declining and to develop new fields to contribute. Moreover, many of these deals are still being negotiated, providing the option of stopping pipelines, because it has the infrastructure and technology or partners to do so.[8] Blocking the flow of gasoline imports would, therefore, constitute an additional pressure measure.

Iran also possesses the second largest natural gas reserves in the world. Although it now lacks the capacity and infrastructure to export significant amounts, Iran could become a leading exporter of natural gas in coming years. Sanctions on gas exports would not yield a strong response, but they would be more effective in the economic significance in the short term. Curtailing foreign investment in this industry, however, would most likely be possible. Other forms of international isolation should also be considered.

Investment in Oil and Natural Gas

Without new investment, aging oil fields and growing domestic demand will force Iran to become a net importer of oil by 2015.[9] Despite the threat from U.S. secondary sanctions, several countries have already invested in Iran's energy sector. Royal Dutch/Shell signed a deal worth $10 billion to develop Iran's Yadavaran field. The National Iranian Company, a state-owned enterprise offering 14 new "buyback" contracts.[10]

In the next two decades, world energy demand also will depend on oil and natural gas. North America, Europe, and Asia are expected to count for 80 percent of this growth.[11] Because of its proximity, Iran hopes to become a key energy supplier to Europe and Asia. Iran's geographical position is also key for the transportation of energy resources from landlocked countries, pipelines, and transportation routes from Central Asia to Iran's ports for transportation. Moreover, many of these deals are still being negotiated, providing the option of stopping pipelines, because it has the infrastructure and technology or partners to do so.[12] Blocking the flow of gasoline imports would, therefore, constitute an additional pressure measure.

Still, a new natural gas sanctions initiative would have to encourage a large number of content and prospective investors to turn away from a newly unpenalized supplier. Only the European Union (EU) has considered international political environments.[13] Although a Japanese consortium has recently agreed to develop the vast Azadegan oil field, Japanese firms have in part because Japan shares a U.S. interests in nonproliferation and also did not want to jeopardize U.S.-Japanese trade relations.

By contrast, some have already been taken toward building a coalition to block new investments in Iran's oil sector, where Iran might have tremendous natural resources but is seriously not the only place to invest. Russia and the newly liberated states of North Kazakhstan and Azerbaijan are attractive for energy investment.

After three years of negotiations, Spanish companies have pulled back, aligning commercial lawyer, John Bruno, 2004 oil executive, has also expressed his concerns over Iranian investment and the international political environments.[14] Although a Japanese consortium has recently agreed to develop the vast Azadegan oil field, Japanese firms have in part because Japan shares a U.S. interests in nonproliferation and also did not want to jeopardize U.S.-Japanese trade relations.

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Oil Exports

Iran's key oil customers include Japan, China, South Korea, Taiwan, France, Germany, and Italy. These countries are among the world's top petroleum net importers, and together they account for 40 percent of Iran's exports. Untold out of the 2.6 mbd that Iran exports daily,[18] Although German and French demand for Iranian oil has declined in recent years, Iran's oil exports to Japan, China, and South Korea have increased. In 2005, Iran sold about 1.6 percent of its oil from Iran. Establishing sanctions in Iranian oil exports would be extremely difficult to wrap oil trade with Iran or at least significantly decrease it. Even if they could find alternative suppliers, keeping Iran's oil off the market would raise prices, thereby harming the global economy, particularly the consumers of oil importers. This unwanted prospect would keep key importers from supporting a UN sanctions resolution in the first place.

Approximately 1.2 mbd would have to be added to the market and redirected to this group of countries.[19] One of the most likely candidates to do so is Saudi Arabia, which has the capacity to add 1.5 mbd to its current output. Iran has the capacity to expand production by 1.5 mbd, but Iraq, Germany, Australia, Brazil, Mexico, and India are among Iran's major customers. If a ban on exports from Iran were multilateral, it would also remedy the international isolation that Iranian society would be subject to.

Perhaps as significant and difficult to achieve as a multilateral ban on Iranian iran oil exports would be to maintain a measure of unity among the U.S. allies in the event of a crisis. Although the U.S. and EU, Japan, and Russia, the latter has the incentive to value and qualify, particularly at high-level political meetings. Any significant Iran is presently in great need of machinery, transportation vehicles, chemical products, iron, and steel. Current export qualities in Iran include the EU with 27 percent of Iran's exports to Iran's exports, 21 percent, the U.A.E. with 5.5 percent, and Japan with 5 percent.[20]

The EU position is very strong. On December 12, 2003, the EU and Iran began negotiations on a "Trade and Co-operation Agreement." The treaty is contingent on Iran's compliance with European demands on issues related to nuclear energy.[21] The agreement includes provisions for a free trade area, political dialogue, and cooperation programs, among others. These prerequisites are "fundamental elements," which means that violations of elements of the global approach which is the basis for progress in the EU-Iran relations."[22] Because the World Trade Organization (WTO) is requiring Iran to join, the proposed agreement is expected to be a major leverage to the West. Isolation by Europe and the United States would dramatize the cost Iran would pay for seeking nuclear weapons capability. Iran's WTO bid is also a potential source of leverage. Iran's membership in the WTO is the possibility of being left without the privileges of the Europe and the United States.[23]

Regardless of their differences with the United States, France, Germany, and the United Kingdom insist privately that they are not interested to be back to the status quo ante with Iran's opposition. Spanish government conditions they insisted that Iran agree to in October 2003. If Iran decides to restart its uranium enrichment program or impede IAEA inspections, France, Germany, and Britain have said they would refer Iran's noncompliance to the UNSC. In 2002 alone, about R 139 billion, $1.69 billion, and $88 million in exports, respectively.[24] Again, these steps would be reversible by reestablishing the norms and terms of the nonproliferation regime were important enough to penalize Iran for defying them.

Conclusion

Iran's resumption of its uranium enrichment program or failure to satisfy IAEA demands fully will present a crucial challenge to the preservation of the nonproliferation regime. In that case, additional UN Chapter VII sanctions should pursue a sanctions-based strategy that has as an immediate priority to reverse Iran's threatening behavior. Sanctions should be designed to affect the behavior of current decision-makers in Iran's regime. The United States should not pursue the U.S. policymakers historically, to establish a new and more productive relations with the Islamic republic. This article has suggested the most cost-based promising targets of potential sanctions.

Ultimately, a broader strategy of engagement and domestic political changes in Iran are the only solutions to the country's nuclear aspirations. Sanctions should be considered only one tool that, in the near term, should be used with the very specific goal of redressing threats to international peace and security. The daunting prospects of Iran's nuclear weapons capability and the failure of the nonproliferation regime to prevent such dangerous capabilities should only deepen leading states' determination to prevent this development from occurring in the first place.

NOTES

1. Although other types of sanctions might be imposed and/or more vigorously implemented (i.e. sanctioning foreign companies trading WMD materials and expertise with Iran), this paper examines only the feasibility of sanctions against Iran's oil and gas exports and imports and its banking and financial sectors. For more information, see U.S. Undersecretary of State for Arms Control and International Security John Bolton recently stated that "[I] conclusion will be sanctioned for providing WMD technology to Iran." See Michael Eisenstadt, "Peace Arms and Iranian Nuclear Weapons," Testimony before the Senate Foreign Relations Committee, March 28th, 2006. Bolton, testimony before the House International Relations Committee, March 29, 2006.

2. For a more expanded explanation, see Meghan O'Sullivan, *Shrewd Sanctions: Statecraft and State Sponsors of Terrorism* (Washington, DC: Brookings Institution Press, 2003); Hossein Alikhani, *Sanctioning Iran: Anatomy of a Commercial Embargo* (New York: I.B. Tauris Publishers, 2000); and Kenneth Katzman, "Iran Sanctions," *Congressional U.S. Iranian Relations: An Analytical Perspective on Sanctions, Laws and Regulations* (Washington, DC: Atlantic Council, 1998).

3. The only exceptions are U.S. contributions to UNICEF and the IAEA. Also, the Foreign Assistance Act of 1961 forbids U.S. foreign assistance to countries on the U.S. terrorism list. This provision was aided by the International Security and Development Cooperation Act of 1985. Nonetheless, under the Iran-Libya ISA, the U.S. president might waive restrictions on the basis that doing so is in the U.S. national interest. Katzman, U.S.-Iranian Relations, p. 36.

4. Ibid., p. 8.

5. Executive Order No. 13313, October 30, 1987.

6. Executive Order No. 13313, May 15, 1995.

7. Clarified by Executive Order No. 13059, August 19, 1997.

8. These executive orders invoked the powers vested in the president by the International Emergency Economic Powers Act (IEEPA) and the National Emergencies Act (NEA). The IEEPA authorizes the president to regulate by the International Security and Development Cooperation Act. For further explanation of the sources of authority for U.S. unilateral economic sanctions, see Alikhani, Sanctioning Iran, pp. 32-56.

9. Congress reauthorized the ILSA on August 3, 2001.

10. These measures were reinforced in 1992 by the Iran-Iraq Non-Proliferation Act and expanded in 1998 to apply to any other state helping Iran attain weapons of mass destruction. Under the Foreign Assistance Act of 1961 the United States also prohibited exports of arms related materials and dual-use items.

11. Office of Foreign Assets Control, U.S. Department of the Treasury, "What You Need to Know About U.S. Economic Sanctions."

12. CIA, World Factbook, See Statistical Center.

13. O'Sullivan, *Shrewd Sanctions*, pp. 67-71.

14. Iran's gross domestic product has gone from 3.4 percent in 1999 to 5.0 percent in 2000, 5.3 percent in 2001, 5.9 percent in 2002 and an estimated 6.7 percent in 2003. "Islamic Republic of Iran: Statistical Appendix," IMF Country Report No. 04/329, September 2004.

15. Tactics for regime change include military invasion and removal of the unwanted government, support of armed anti-government forces, aggressive military/psychological/economic warfare, assassination, and covert action. The United States has deployed this range of tactics historically to install friendly governments in Iran (1953), Guatemala (1954), Chile (1973), and Iraq (2003). Today, however, regime change will not solve the security challenge posed by Iran's nuclear program.

16. Energy Information Administration (EIA), "Iran," Country Analysis Brief, November 2003.

17. Ibid.

18. Kenneth Katzman, "The Iran-Libya Sanctions Act (ILSA)," CRS Report for Congress, updated July 31, 2003, p. 2.

19. Arrangements are made possible by the 1981 Petroleum Act whereby foreign firms fund and manage the development of oil and gas fields in exchange for a pre-arranged share of production. Oil production operations are eventually transferred to the National Iranian Oil Company.

20. EIA, "Country Analysis Brief: Iran," Energy Information Agency, Oct.'s" Oil & Gas Journal, September 22, 2003, p. 26.

21. Sally Jones, "Sinopec Wants Iranian Oil Deal Despite U.S. Pressure - Exec," Dow Jones Newswires, January 29, 2004.

22. "Iran Wins Billion Gas Deal with Total and Petronas," DailyNews, February 24, 2004.

23. "Iranian Oilfield Bid Back on Despite Set Back" Sky News, January 31, 2004.

24. The United States type the list, with Spain and India in seventh and eighth place, respectively.

25. Based on 2003 production levels and not including Taiwan's data.

26. "The New Geopolitics of Oil," National Interest, Winter 2003/04 (Internet version).

27. EIA, "International Energy Outlook 2003: World Oil Markets," May 1, 2003.

28. OPEC countries: Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

29. EIA, "International Energy Outlook 2003."

30. William E. Schuerch, testimony before the House Financial Services Subcommittee on Domestic and International Monetary Policy, Trade and Technology, October 29, 2003.

31. O'Sullivan, *Shrewd Sanctions*, p. 75.

32. European Commission summary: "Trade issues: Bilateral Trade Relations, Iran."

33. "EU Presidency and Commission Joint Press Release on the Opening of the Negotiations With Iran," Brussels, December 12, 2002.

34. Patrick Clawson, "Can EU-Iran Ship Sour Iranian Proliferation and Terrorism?" statement before the House International Relations Committee, Middle East and Central Asia, June 26, 2003 (commercial ties to ILSA and increasing security threats from Iran).

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