

# **THE RESTRICTED AND PROHIBITED END-USERS UNDER THE STRATEGIC TRADE ACT 2010 (as at 21st November 2014)**

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## **STRATEGIC TRADE ACT 2010**

### **FIRST SCHEDULE RESTRICTED END-USERS**

#### **1. INDIVIDUALS**

-Nil-

#### **2. ENTITIES**

-Nil-

#### **3. COUNTRIES AND DESTINATIONS**

##### **(A) EMBARGOED AND NO EXCEPTION FOR TRANSIT**

Democratic People's Republic of Korea  
(DPRK) Islamic Republic of Iran

##### **(B) EMBARGOED AND SUBJECT TO TRANSIT PERMIT FOR MILITARY ITEMS**

Democratic Republic of Congo  
Ivory Coast (Cote d'Ivoire)  
Lebanon  
Sudan  
Libya

##### **(C) SUBJECT TO TRANSIT PERMIT FOR MILITARY ITEMS**

Afghanistan  
Iraq  
Liberia  
Rwanda  
Somalia

##### **(D) SUBJECT TO TRANSIT PERMIT FOR RESTRICTED MILITARY ITEMS**

Eritrea

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## **SECOND SCHEDULE PROHIBITED END-USERS**

### **1. INDIVIDUALS**

#### **(A) Democratic People's Republic of Korea (DPRK)**

##### **Individuals involved in nuclear-related, other weapons of mass destruction-related and ballistic missile-related programmes**

- 1. Yun Hojin (Director of Namchongang Trading Corporation; oversees the import of items needed for the uranium enrichment program. (Additional information: Date of Birth: 13 October 1944; also known as (a.k.a.) Yun Hochin))**
- 2. Ri Jeson (Director of the General Bureau of Atomic Energy (GBAE), chief agency directing DPRK's nuclear program; facilitates several nuclear endeavors including GBAE's management of Yongbyon Nuclear Research Center and Namchongang Trading Corporation. (Additional information: Date of Birth 1938; a.k.a. Ri Cheson))**
- 3. Hwang Sokhwa (Director in the General Bureau of Atomic Energy (GBAE); involved in DPRK's nuclear program; as Chief of the Scientific Guidance Bureau in the GBAE, served on the Science Committee inside the Joint Institute for Nuclear Research)**
- 4. Ri Hongsop (former Director, Yongbyon Nuclear Research Center, oversaw three core facilities that assist in the production of weapons grade plutonium: the Fuel Fabrication Facility, the Nuclear Reactor, and the Reprocessing Plant. (Additional information: Date of Birth: 1940))**
- 5. Han Yuro (Director of Korea Ryongaksan General Trading Corporation; involved in DPRK's ballistic missile program)**
- 6. Paek Chang-Ho (Senior official and head of the satellite control center of Korean Committee for Space Technology. A.k.a: Pak Chang-Ho; Paek Ch'ang-Ho; Identifiers: Passport: 381420754; Passport Date of Issue: 7 December 2011; Passport Date of Expiration: 7 December 2016; Date of Birth: 18 June 1964; Place of Birth: Kaesong, DPRK; Gender: Male)**

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7. **Chang Myong-Chin (General Manager of the Sohae Satellite Launching Station and head of launch center at which the 13 April and 12 December 2012 launches took place. A.k.a: Jang Myong-Jin; Identifiers: Date of Birth: 19 February 1968; Alternative Date of Birth: 1965 or 1966; Gender: Male)**
  
8. **Ra Ky'ong-Su (Ra Ky'ong-Su is a Tanchon Commercial Bank (TCB) official. In this capacity he has facilitated transactions for TCB. Tanchon was designated by the Committee in April 2009 as the main DPRK financial entity responsible for sales of conventional arms, ballistic missiles and goods related to the assembly and manufacture of such weapons. A.k.a: Ra Kyung-Su; Identifiers: Date of Birth: 4 June 1954; Passport: 645120196; Gender: Male)**
  
9. **Kim Kwang-il (Kim Kwang-il is a Tanchon Commercial Bank (TCB) official. In this capacity, he has facilitated transactions for TCB and the Korea Mining Development Trading Corporation (KOMID). Tanchon was designated by the Committee in April 2009 as the main DPRK financial entity responsible for sales of conventional arms, ballistic missiles, and goods related to the assembly and manufacture of such weapons. KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. Identifiers: Date of Birth: 1 September 1969; Passport: PS381420397; Gender: Male)**
  
10. **Yo'n Cho'ng Nam (Chief Representative for the Korea Mining Development Trading Corporation (KOMID). The KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons)**
  
11. **Ko Ch'o'l-Chae (Deputy Chief Representative for the Korea Mining Development Trading Corporation (KOMID). The KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons)**
  
12. **Mun Cho'ng-Ch'o'l (Mun Cho'ng-Ch'o'l is a TCB official. In this capacity he has facilitated transactions for TCB. Tanchon was designated by the Committee in April 2009 and is the main DPRK financial entity for**

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sales of conventional arms, ballistic missiles, and goods related to the assembly and manufacture of such weapons)

## **(B) Islamic Republic of Iran**

### **Individuals involved in nuclear or ballistic missile activities**

1. **Dawood Agha-Jani (Head of the PFEP (Natanz))**
2. **Behman Asgarpour (Operational Manager (Arak))**
3. **Mohammad Qannadi (AEOI Vice President for Research & Development)**
4. **Amir Rahimi (Head of Esfahan Nuclear Fuel Research and Production Center, which is part of the AEOI's Nuclear Fuel Production and Procurement Company, which is involved in enrichment-related activities)**
5. **Seyed Jaber Safdari (Manager of the Natanz Enrichment Facilities)**
6. **Fereidoun Abbasi-Davani (Senior Ministry of Defence and Armed Forces Logistics (MODAFL) scientist with links to the Institute of Applied Physics, working closely with Mohsen Fakhrizadeh-Mahabadi)**
7. **Amir Moayyed Alai (involved in managing the assembly and engineering of centrifuges)**
8. **Mohammad Fedai Ashiani (involved in the production of ammonium uranyl carbonate and management of the Natanz enrichment complex)**
9. **Abbas Rezaee Ashtiani (a senior official at the AEOI Office of Exploration and Mining Affairs)**
10. **Bahmanyar Morteza Bahmanyar (Head of Finance & Budget Dept., AIO)**
11. **Haleh Bakhtiar (involved in the production of magnesium at a concentration of 99.9%)**
12. **Morteza Behzad (involved in making centrifuge components)**
13. **Ahmad Vahid Dastjerdi (Head of the AIO)**

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14. **Ahmad Derakhshandeh (Chairman and Managing Director of Bank Sepah, which provides support for the AIO and subordinates, including SHIG and SBIG, both of which were designated under resolution 1737 (2006))**
15. **Dr. Mohammad Eslami (Head of Defence Industries Training and Research Institute)**
16. **Reza-Gholi Esmaeli (Head of Trade & International Affairs Dept., AIO)**
17. **Mohsen Fakhrizadeh-Mahabadi (Senior MODAFL scientist and former head of the Physics Research Centre (PHRC). The IAEA have asked to interview him about the activities of the PHRC over the period he was head but Iran has refused)**
18. **Mohsen Hojati (Head of Fajr Industrial Group, which is designated under resolution 1737 (2006) for its role in the ballistic missile programme)**
19. **Seyyed Hussein Hosseini (AEIO official involved in the heavy water research reactor project at Arak)**
20. **Mehrdada Akhlaghi Ketabachi (Head of SBIG, which is designated under resolution 1737 (2006) for its role in the ballistic missile programme)**
21. **Ali Hajinia Leilabadi (Director General of Mesbah Energy Company)**
22. **Naser Maleki (Head of SHIG, which is designated under resolution 1737 (2006) for its role in Iran's ballistic missile programme. Naser Maleki is also a MODAFL official overseeing work on the Shahab-3 ballistic missile programme. The Shahab-3 is Iran's long range ballistic missile currently in service)**
23. **Hamid-Reza Mohajerani (involved in production management at the Uranium Conversion Facility (UCF) at Esfahan)**
24. **Jafar Mohammadi (Technical Adviser to the AEOI, in charge of managing the production of valves for centrifuges)**
25. **Ehsan Monajemi (Construction Project Manager, Natanz)**

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26. **Brigadier-General Mohammad Reza Naqdi (former Deputy Chief of Armed Forces General Staff for Logistics and Industrial Research/Head of State Anti-Smuggling Headquarters, engaged in efforts to get round the sanctions imposed by resolutions 1737 (2006) and 1747 (2007))**
27. **Lt. Gen. Mohammad Mehdi Nejad Nouri (Rector of Malek Ashtar University of Defence Technology (chemistry dept, affiliated to MODALF, has conducted experiments on beryllium))**
28. **Houshang Nobari (involved in the management of the Natanz enrichment complex)**
29. **Abbas Rashidi (involved in enrichment work at Natanz)**
30. **M. Javad Karimi Sabet (Head of Novin Energy Company, which is designated under resolution 1747 (2007))**
31. **Maj. Gen. Yahya Rahim Safavi (Commander, IRGC (Pasdaran))**
32. **Gen. Hosein Salimi (Commander of the Air Force, IRGC (Pasdaran))**
33. **Ghasem Soleymani (Director of Uranium Mining Operations at the Saghand Uranium Mine)**
34. **Javad Rahiqi (Head of the Atomic Energy Organization of Iran (AEOI) Esfahan Nuclear Technology Center) (Additional information: Date of Birth: 24 April 1954; Place of Birth: Marshad)**
35. **Azim Aghajani (a.k.a Azim Adhajani), (Member of the IRGC-Qods Force operating under the direction of Qods Force Commander, Major General Qasem Soleimani who was designated by the United Nations Security Council in resolution 1747 (2007); facilitated a breach of paragraph 5 of resolution 1747 (2007) prohibiting the export of arms and related materiel from Iran. (Additional information: Nationality: Iran; Passport Number: 6620505, 9003213))**
36. **Ali Akbar Tabatabaei (a.k.a Sayed Akbar Tahmaesebi), (Member of the IRGC-Qods Force operating under the direction of Qods Force Commander, Major**

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General Qasem Soleimani who was designated by the United Nations Security Council in resolution 1747 (2007); facilitated a breach of paragraph 5 of resolution 1747 (2007) prohibiting the export of arms and related material from Iran. (Additional information: Nationality: Iran; Date of Birth: 1967))

## **Iranian Revolutionary Guard Corps (IRGC) key persons**

1. Brigadier General Morteza Rezaie (Deputy Commander of IRGC)
2. Vice Admiral Ali Akbar Ahmadian (Chief of IRGC Joint Staff)
3. Brigadier General Mohammad Reza Zahedi (Commander of IRGC Ground Forces)
4. Rear Admiral Morteza Safari (Commander of IRGC Navy)
5. Brigadier General Mohammad Hejazi (Commander of Bassij resistance force)
6. Brigadier General Qasem Soleimani (Commander of Qods force)
7. General Zolqadr (IRGC officer, Deputy Interior Minister for Security Affairs)

## **2. ENTITIES**

### **(A) Democratic People's Republic of Korea (DPRK)**

#### **Entities involved in nuclear-related, other weapons of mass destruction-related and ballistic missile-related programmes**

1. Korea Mining Development Trading Corporation ((a.k.a. Changgwang Sinyong Corporation; a.k.a. External Technology General Corporation; a.k.a. DPRKN Mining Development Trading Cooperation; a.k.a. "KOMID"). Central District, Pyongyang, DPRK. Primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons)

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2. **Korea Ryonbong General Corporation ((a.k.a. Korea Yonbong General Corporation; formerly known as (f.k.a.) Lyongaksan General Trading Corporation). Pothonggang District, Pyongyang, DPRK; Rakwondong, Pothonggang District, Pyongyang, DPRK. Defense conglomerate specializing in acquisition for DPRK defense industries and support to DPRK's military-related sales)**
3. **Tanchon Commercial Bank (f.k.a. Changgwang Credit Bank; f.k.a. Korea Changgwang Credit Bank). Saemul 1Dong Pyongchon District, Pyongyang, DPRK. Main DPRK financial entity for sales of conventional arms, ballistic missiles, and goods related to the assembly and manufacture of such weapons)**
4. **Namchongang Trading Corporation (Namchongang is a DPRK trading company subordinate to the General Bureau of Atomic Energy (GBAE). Namchongang has been involved in the procurement of Japanese origin vacuum pumps that were identified at a DPRK nuclear facility, as well as nuclear-related procurement associated with a German individual. It has further been involved in the purchase of aluminum tubes and other equipment specifically suitable for a uranium enrichment program from the late 1990s. Its representative is a former diplomat who served as DPRK's representative for the IAEA inspection of the Yongbyon nuclear facilities in 2007. Namchongang's proliferation activities are of grave concern given the DPRK's past proliferation activities. Location: Pyongyang, DPRK. a.k.a. NCG; Namchongang Trading; Nam Chon Gang Corporation; Nomchongang Trading Co.; Nam Chong Gan Trading Corporation)**
5. **Hong Kong Electronics (owned or controlled by, or acts or purports to act for or on behalf of Tanchon Commercial Bank and KOMID. Hong Kong Electronics has transferred millions of dollars of proliferation-related funds on behalf of Tanchon Commercial Bank and KOMID (both designated by the Committee in April 2009) since 2007. Hong Kong Electronics has facilitated the movement of money from Iran to the DPRK on behalf of KOMID. Location: Sanaee St., Kish Island, Iran a.k.a.: Hong Kong Electronics Kish Co.)**
6. **Korea Hyoksin Trading Corporation (a DPRK company based in Pyongyang that is subordinate to Korea Ryonbong General Corporation (designated by the Committee in April 2009) and is involved in the development of Weapons of**

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**Mass Destruction-related. Location: Rakwondong, Pothonggang District, Pyongyang, DPRK. a.k.a.: Korea Hyoksin Export And Import Corporation)**

- 7. General Bureau of Atomic Energy (GBAE) (the GBAE is responsible for the DPRK's nuclear program, which includes the Yongbyon Nuclear Research Center and its 5 MWe (25 MWt) plutonium production research reactor, as well as its fuel fabrication and reprocessing facilities. The GBAE has held nuclear-related meetings and discussions with the International Atomic Energy Agency. GBAE is the primary DPRK government agency that oversees nuclear programs, including the operation of the Yongbyon Nuclear Research Center. Location: Haeudong, Pyongchen District, Pyongyang, DPRK. a.k.a.: General Department of Atomic Energy (GDAE))**
  
- 8. Korean Tangun Trading Corporation (Korea Tangun Trading Corporation is subordinate to DPRK's Second Academy of Natural Sciences and is primarily responsible for the procurement of commodities and technologies to support DPRK's defense research and development programs, including, but not limited to, Weapons of Mass Destruction-related and delivery system programs and procurement, including materials that are controlled or prohibited under relevant multilateral control regimes. Location: Pyongyang, DPRK)**
  
- 9. Amroggang Development Banking Corporation (Amroggang which was established in 2006, is a Tanchon Commercial Bank-related company managed by Tanchon officials. Tanchon plays a role in financing KOMID's sales of ballistic missiles and has also been involved in ballistic missile transactions from KOMID to Iran's Shahid Hemmat Industrial Group (SHIG). Tanchon Commercial Bank was designated by the Committee in April 2009 and is the main DPRK financial entity for sales of conventional arms, ballistic missiles, and goods related to the assembly and manufacture of such weapons. KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. The Security Council designated SHIG in resolution 1737 (2006)**

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as an entity involved in Iran's ballistic missile programme. Location: Tongan-dong, Pyongyang, DPRK; a.k.a.: AMROGGANG Development Bank; Amnokkang Development Bank)

10. **Green Pine Associated Corporation (Green Pine Associated Corporation ("Green Pine") has taken over many of the activities of KOMID. KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. Green Pine is also responsible for approximately half of the arms and related materiel exported by the DPRK. Green Pine has been identified for sanctions for exporting arms or related material from North Korea. Green Pine specializes in the production of maritime military craft and armaments, such as submarines, military boats and missile systems, and has exported torpedoes and technical assistance to Iranian defence-related firms. Location: c/o Reconnaissance General Bureau Headquarters, Hyongjesan-Guyok, Pyongyang, North Korea; Nungrado, Pyongyang, DPRK; a.k.a.: CHO'NGSONG UNITED TRADING COMPANY; CHONGSONG YONHAP; CH'O'NGSONG YO'NHAP; CHOSUN CHAWO'N KAEBAL T'UJA HOESA; JINDALLAE; KU'MHAERYONG COMPANY LTD; NATURAL RESOURCES DEVELOPMENT AND INVESTMENT CORPORATION; SAEINGP'IL COMPANY)**
  
11. **Korea Heungjin Trading Company (Korea Heungjin Trading Company is used by KOMID for trading purposes. It has been suspected to be involved in supplying missile-related goods to Iran's SHIG. Heungjin has been associated with KOMID, and, more specifically, KOMID's procurement office. Heungjin has been used to procure an advanced digital controller with applications in missile design. KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main**

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exporter of goods and equipment related to ballistic missiles and conventional weapons. The Security Council designated SHIG in resolution 1737 (2006) as an entity involved in Iran's ballistic missile programme. Location: Pyongyang, DPRK; a.k.a.: Hunjin TRADING Co., Korea Henjin Trading Co., Korea Hengjin Trading Company)

12. Korean Committee for Space Technology (The Korean Committee for Space Technology (KCST) orchestrated the DPRK's launches on 13 April 2012 and 12 December 2012 via the satellite control center and Sohae launch area. A.k.a.: DPRK Committee for Space Technology; Department of Space Technology of the DPRK; Committee for Space Technology; KCST; Location: Pyongyang, DPRK)
13. Bank of East Land (DPRK financial institution, Bank of East Land facilitates weapons-related transactions for, and other support, to arms manufacturer and exporter Green Pine Associated Corporation (Green Pine). Bank of East Land has actively worked with Green Pine to transfer funds in a manner that circumvents sanctions. In 2007 and 2008, Bank of East Land facilitated transactions involving Green Pine and Iranian financial institutions, including Bank Melli and Bank Sepah. The Security Council designated Bank Sepah in resolution 1747 (2007) for providing support to Iran's ballistic missile program. Green Pine was designated by the Committee in April 2012. A.k.a.: Dongbang Bank; Tongbang U'nhaeng; Tongbang Bank; Location: P.O. Box 32, BEL Building, Jonseung-Dung, Moranbong District, Pyongyang, DPRK)
14. Korea Kumryong Trading Corporation (used as an alias by the Korea Mining Development Trading Corporation (KOMID) to carry out procurement activities. KOMID was designated by the Committee in April 2009 and is the

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DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons)

15. Tosong Technology Trading Corporation (The Korea Mining Development Corporation (KOMID) is the parent company of Tosong Technology Trading Corporation. KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. Location: Pyongyang, DPRK)
  
16. Korea Ryonha Machinery Joint Venture Corporation (Korea Ryonbong General Corporation is the parent company of Korea Ryonha Machinery Joint Venture Corporation. Korea Ryonbong General Corporation was designated by the Committee in April 2009 and is a defence conglomerate specializing in acquisition for *DPRK* defence industries and support to that country's military-related sales. A.k.a. Chosun Yunha Machinery Joint Operation Company; Korea Ryenha Machinery J/V Corporation; Ryonha Machinery Joint Venture Corporation; Ryonha Machinery Corporation; Ryonha Machinery; Ryonha Machine Tool; Ryonha Machine Tool Corporation; Ryonha Machinery Corp.; Ryonhwa Machinery Joint Venture Corporation; Ryonhwa Machinery JV; Huichon Ryonha Machinery General Plant; Unsan; Unsan Solid Tools; and Millim Technology Company. Location: Tongan-dong, Central District, Pyongyang, *DPRK*; Mangungdaegu, Pyongyang, *DPRK*; Mangyongdae District, Pyongyang, *DPRK*; Email addresses: [ryonha@silibank.com](mailto:ryonha@silibank.com); [sjc-117@hotmail.com](mailto:sjc-117@hotmail.com); and [millim@silibank.com](mailto:millim@silibank.com); Telephone numbers: 850-2-18111; 850-2-18111-8642; and 850 2 18111-3818642; Facsimile number: 850-2-381-4410)
  
17. Leader (Hong Kong) International (facilitates shipments on behalf of the Korea Mining Development Trading Corporation (KOMID). KOMID was

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designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. A.k.a: Leader International Trading Limited; Location: Room 1610 Nan Fung Tower, 173 Des Voeux Road, Hong Kong)

18. **Second Academy of Natural Sciences (The Second Academy of Natural Sciences is a national-level organization responsible for research and development of the DPRK's advanced weapons systems, including missiles and probably nuclear weapons. The Second Academy of Natural Sciences uses a number of subordinate organizations to obtain technology, equipment, and information from overseas, including Tangun Trading Corporation, for use in the DPRK's missile and probably nuclear weapons programmes. Tangun Trading Corporation was designated by the Committee in July 2009 and is primarily responsible for the procurement of commodities and technologies to support DPRK's defence research and development programmes, including, but not limited to, weapons of mass destruction and delivery system programmes and procurement, including materials that are controlled or prohibited under relevant multilateral control regimes. A.k.a: 2ND ACADEMY OF NATURAL SCIENCES; CHE 2 CHAYON KWAHAKWON; ACADEMY OF NATURAL SCIENCES; CHAYON KWAHAK-WON; NATIONAL DEFENSE ACADEMY; KUKPANG KWAHAK-WON; SECOND ACADEMY OF NATURAL SCIENCES RESEARCH INSTITUTE; SANSRI; Location: Pyongyang, DPRK)**
  
19. **Korea Complex Equipment Import Corporation (Korea Ryonbong General Corporation is the parent company of Korea Complex Equipment Import Corporation. Korea Ryonbong General Corporation was designated by the Committee in April 2009 and is a defence conglomerate specializing in acquisition for DPRK defence industries**

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and support to that country's military-related sales. Location: Rakwon-dong, Pothonggang District, Pyongyang, DPRK)

20. Ocean Maritime Management Company, Limited (OMM) (Ocean Maritime Management Company, Limited is the operator/ manager of the vessel *Chong Chon Gang*. It played a key role in arranging the shipment of concealed cargo of arms and related material from Cuba to the DPRK in July 2013. As such, Ocean Maritime Management Company, Limited contributed to activities prohibited by the resolutions, namely the arms embargo imposed by resolution 1718 (2006), as modified by resolution 1874 (2009), and contributed to the evasion of the measures imposed by these resolutions. Location: Donghung Dong, Central District, PO Box 120, Pyongyang, DPRK; Dongheung-dong Changgwang Street, Chung-Ku, PO Box 125, Pyongyang, DPRK. Other Information: International Maritime Organization (IMO) Number: 1790183).

## (B) Islamic Republic of Iran

### Entities involved in nuclear or ballistic missile activities

1. 7th of Tir (subordinate of DIO, widely recognized as being directly involved in the nuclear programme)
2. Abzar Boresh Kaveh Co. (BK Co.) (involved in the production of centrifuge components)
3. Amin Industrial Complex (a.k.a. Amin Industrial Compound and Amin Industrial Company) (sought temperature controllers which may be used in nuclear research and operational/production facilities. Amin Industrial Complex is owned or controlled by, or acts on behalf of, the Defense Industries Organization (DIO), which was designated in resolution 1737 (2006). Location: P.O. Box 91735-549, Mashad, Iran; Amin Industrial Estate, Khalage Rd., Seyedi District, Mashad, Iran; Kaveh Complex, Khalaj Rd., Seyedi St., Mashad, Iran)

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- 4. Ammunition and Metallurgy Industries Group (AMIG) (a.k.a. Ammunition Industries Group) (AMIG controls 7th of Tir, which is designated under resolution 1737 (2006) for its role in Iran's centrifuge programme. AMIG is in turn owned and controlled by the Defence Industries Organization (DIO), which is designated under resolution 1737 (2006))**
- 5. Armament Industries Group (AIG) (manufactures and services a variety of small arms and light weapons, including large and medium-calibre guns and related technology. AIG conducts the majority of its procurement activity through Hadid Industries Complex. Location: Sepah Islam Road, Karaj Special Road km 10, Iran; Pasdaran Ave., P.O. Box 19585/777, Tehran, Iran)**
- 6. Atomic Energy Organization of Iran**
- 7. Bank Sepah and Bank Sepah International (Bank Sepah provides support for the Aerospace Industries Organization (AIO) and subordinates, including Shahid Hemmat Industrial Group (SHIG) and Shahid Bagheri Industrial Group (SBIG), both of which were designated under resolution 1737 (2006))**
- 8. Barzagani Tejarat Tavanmad Saccal companies (subsidiary of Saccal System companies) (this company tried to purchase sensitive goods for an entity listed in resolution 1737 (2006))**
- 9. Cruise Missile Industry Group (a.k.a. Naval Defence Missile Industry Group) (Production and development of cruise missiles. Responsible for naval missiles including cruise missiles)**
- 10. Defence Industries Organization (overarching MODAFL-controlled entity, some of whose subordinates have been involved in the centrifuge programme making components, and in the missile programme)**
- 11. Defense Technology and Science Research Center (DTSRC) (owned or controlled by, or acts on behalf of, Iran's Ministry of Defense and Armed Forces Logistics (MODAFL), which oversees Iran's defence R&D, production, maintenance, exports and procurement. Location: Pasdaran Ave, P.O. Box 19585/777, Tehran, Iran)**

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12. **Doostan International Company (DICO) (supplies elements to Iran's ballistic missile program)**
13. **Electro Sanam Company (E. S. Co./E. X. Co.) (AIO front-company, involved in the ballistic missile programme)**
14. **Esfahan Nuclear Fuel Research and Production Centre (NFRPC) and Esfahan Nuclear Technology Centre (ENTC) (Parts of the Atomic Energy Organization of Iran's (AEOI) Nuclear Fuel Production and Procurement Company, which is involved in enrichment-related activities. AEOI is designated under resolution 1737 (2006))**
15. **Ettehad Technical Group (AIO front-company, involved in the ballistic missile programme)**
16. **Fajr Industrial Group (formerly Instrumentation Factory Plant, subordinate entity of AIO)**
17. **Farasakht Industries (owned or controlled by, or acts on behalf of, the Iran Aircraft Manufacturing Company, which in turn is owned or controlled by MODAFL. Location: P.O. Box 83145-311, Kilometer 28, Esfahan-Tehran Freeway, Shahin Shahr, Esfahan, Iran)**
18. **Farayand Technique (involved in centrifuge programme, identified in IAEA reports)**
19. **First East Export Bank, P.L.C. (owned or controlled by, or acts on behalf of, Bank Mellat. Over the last seven years, Bank Mellat has facilitated hundreds of millions of dollars in transactions for Iranian nuclear, missile, and defense entities. Location: Unit Level 10 (B1), Main Office Tower, Financial Park Labuan, Jalan Merdeka, 87000 Wilayah Persekutuan Labuan, Malaysia; Business Registration Number: LL06889 (Malaysia))**
20. **Industrial Factories of Precision (IFP) Machinery (a.k.a. Instrumentation Factories Plant) (used by AIO for some acquisition attempts)**
21. **Jabber Ibn Hayan (AEOI laboratory involved in fuel-cycle activities)**

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22. **Joza Industrial Co. (AIO front-company, involved in the ballistic missile programme)**
23. **Kala-Electric (a.k.a. Kalaye Electric) (provider for PFEP – Natanz)**
24. **Karaj Nuclear Research Centre (Part of AEOI's research division)**
25. **Kaveh Cutting Tools Company (owned or controlled by, or acts on behalf of, the DIO. Location: 3rd km of Khalaj Road, Seyyedi Street, Mashad 91638, Iran; km 4 of Khalaj Road, End of Seyyedi Street, Mashad, Iran; P.O. Box 91735-549, Mashad, Iran; Khalaj Rd., End of Seyyedi Alley, Mashad, Iran; Mogan St., Pasdaran St., Pasdaran Cross Rd., Tehran, Iran)**
26. **Kavoshyar Company (Subsidiary company of AEOI, which has sought glass fibres, vacuum chamber furnaces and laboratory equipment for Iran's nuclear programme)**
27. **Khorasan Metallurgy Industries (subsidiary of the Ammunition Industries Group (AMIG) which depends on DIO. Involved in the production of centrifuges components)**
28. **M. Babaie Industries (subordinate to Shahid Ahmad Kazemi Industries Group (formally the Air Defense Missile Industries Group) of Iran's Aerospace Industries Organization (AIO). AIO controls the missile organizations Shahid Hemmat Industrial Group (SHIG) and the Shahid Bakeri Industrial Group (SBIG), both of which were designated in resolution 1737 (2006). Location: P.O. Box 16535-76, Tehran, 16548, Iran)**
29. **Malek Ashtar University (subordinate of the DTRSC within MODAFL. This includes research groups previously falling under the Physics Research Center (PHRC). IAEA inspectors have not been allowed to interview staff or see documents under the control of this organization to resolve the outstanding issue of the possible military dimension to Iran's nuclear program. Location: Corner of Imam Ali Highway and Babaei Highway, Tehran, Iran)**
30. **Mesbah Energy Company (provider for A40 research reactor – Arak)**

# **THE RESTRICTED AND PROHIBITED END-USERS UNDER THE STRATEGIC TRADE ACT 2010 (as at 21st November 2014)**

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31. **Ministry of Defense Logistics Export (MODLEX) (sells Iranian-produced arms to customers around the world in contravention of resolution 1747 (2007), which prohibits Iran from selling arms or related material. Location: P.O. Box 16315189, Tehran, Iran; located on the west side of Dabestan Street, Abbas Abad District, Tehran, Iran)**
32. **Mizan Machinery Manufacturing (3M) (a.k.a. 3MG) (owned or controlled by, or acts on behalf of, SHIG. Location: P.O. Box 16595-365, Tehran, Iran)**
33. **Modern Industries Technique Company (MITEC) (a.k.a. Rahkar Company, Rahkar Industries, Rahkar Sanaye Company, Rahkar Sanaye Novin) (responsible for design and construction of the IR-40 heavy water reactor in Arak. MITEC has spearheaded procurement for the construction of the IR-40 heavy water reactor. Location: Arak, Iran)**
34. **Niru Battery Manufacturing Company (subsidiary of the DIO. Its role is to manufacture power units for the Iranian military including missile systems)**
35. **Novin Energy Company (a.k.a. Pars Novin) (Operates within AEOI and has transferred funds on behalf of AEOI to entities associated with Iran's nuclear programme)**
36. **Nuclear Research Center for Agriculture and Medicine (NFRPC) (a.k.a. Center for Agricultural Research and Nuclear Medicine; Karaji Agricultural and Medical Research Center) (a large research component of the Atomic Energy Organization of Iran (AEOI), which was designated in resolution 1737 (2006). The NFRPC is AEOI's center for the development of nuclear fuel and is involved in enrichment-related activities. Location: P.O. Box 31585-4395, Karaj, Iran)**
37. **Parchin Chemical Industries (Branch of DIO, which produces ammunition, explosives, as well as solid propellants for rockets and missiles)**
38. **Pars Trash Company (involved in centrifuge programme, identified in IAEA reports)**
39. **Pejman Industrial Services Corporation (owned or controlled by, or acts on behalf of, SBIG. Location: P.O. Box 16785-195, Tehran, Iran)**

# **THE RESTRICTED AND PROHIBITED END-USERS UNDER THE STRATEGIC TRADE ACT 2010 (as at 21st November 2014)**

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40. **Pishgam (Pioneer) Energy Industries (has participated in construction of the Uranium Conversion Facility at Esfahan)**
41. **Sabalan Company (Sabalan is a cover name for SHIG. Location: Damavand Tehran Highway, Tehran, Iran)**
42. **Safety Equipment Procurement (SEP) (AIO front-company, involved in the ballistic missile programme)**
43. **Sahand Aluminum Parts Industrial Company (SAPICO) (SAPICO is a cover name for SHIG. Location: Damavand Tehran Highway, Tehran, Iran)**
44. **Sanam Industrial Group (subordinate to AIO, which has purchased equipment on AIO's behalf for the missile programme)**
45. **Shahid Bagheri Industrial Group (SBIG) (subordinate entity of AIO)**
46. **Shahid Hemmat Industrial Group (SHIG) (subordinate entity of AIO)**
47. **Shahid Karrazi Industries (owned or controlled by, or acts on behalf of, SBIG. Location: Tehran, Iran)**
48. **Shahid Satarri Industries (a.k.a. Shahid Sattari Group Equipment Industries) (owned or controlled by, or acts on behalf of, SBIG. Location: Southeast Tehran, Iran)**
49. **Shahid Sayyade Shirazi Industries (SSSI) (owned or controlled by, or acts on behalf of, the DIO. Location: Next to Nirou Battery Mfg. Co., Shahid Babaii Expressway, Nobonyad Square, Tehran, Iran; Pasdaran St., P.O. Box 16765, Tehran 1835, Iran; Babaei Highway – Next to Niru M.F.G, Tehran, Iran)**
50. **Special Industries Group (SIG) (a subordinate of DIO. Location: Pasdaran Avenue, P.O. Box 19585/777, Tehran, Iran)**
51. **TAMAS Company (involved in enrichment-related activities. TAMAS is the overarching body, under which four subsidiaries have been established,**

# **THE RESTRICTED AND PROHIBITED END-USERS UNDER THE STRATEGIC TRADE ACT 2010 (as at 21st November 2014)**

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including one for uranium extraction to concentration and another in charge of uranium processing, enrichment and waste)

52. Tiz Pars (Tiz Pars is a cover name for SHIG. Between April and July 2007, Tiz Pars attempted to procure a five axis laser welding and cutting machine, which could make a material contribution to Iran's missile program, on behalf of SHIG. Location: Damavand Tehran Highway, Tehran, Iran)
53. Ya Mahdi Industries Group (subordinate to AIO, which is involved in international purchases of missile equipment)
54. Yazd Metallurgy Industries (YMI) (a.k.a. Yazd Ammunition Manufacturing and Metallurgy Industries, Directorate of Yazd Ammunition and Metallurgy Industries (a subordinate of DIO. Location: Pasdaran Avenue, Next To Telecommunication Industry, Tehran 16588, Iran; Postal Box 89195/878, Yazd, Iran; P.O. Box 89195-678, Yazd, Iran; Km 5 of Taft Road, Yazd, Iran))
55. Behineh Trading Co. (An Iranian company that played a key role in Iran's illicit transfer of arms to West Africa and acted on behalf of the IRGC-Qods Force, commanded by Major General Qasem Soleimani, designated by the United Nations Security Council in resolution 1747 (2007), as the shipper of the weapons consignment. (Additional information: Location: Tavakoli Building, Opposite of 15th Alley, Emam-Jomeh Street, Tehran, Iran; Telephone: 98 919 538 2305; Website: <http://www.behinehco.ir>)
56. Yas Air (Yas Air is the new name for Pars Air, a company that was owned by Pars Aviation Services Company, which in turn was designated by the United Nations Security Council in resolution 1747 (2007). Yas Air has assisted Pars Aviation Services Company, a United Nations-designated entity, in violating paragraph 5 of resolution 1747 (2007). Location: Mehrabad International Airport, Next to Terminal No. 6, Tehran, Iran)
57. SAD Import Export Company (SAD Import Export Company has assisted Parchin Chemical Industries and 7th of Tir Industries, a United Nations-designated entity, in violating paragraph 5 of resolution 1747 (2007). Location: Haftom Tir Square, South Mofte Avenue, Tour Line No. 3/1, Tehran, Iran. (2) PO Box 1584864813)

# **THE RESTRICTED AND PROHIBITED END-USERS UNDER THE STRATEGIC TRADE ACT 2010 (as at 21st November 2014)**

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## **Iranian Revolutionary Guard Corps (IRGC) entities**

- 1. Qods Aeronautics Industries (produces unmanned aerial vehicles (UAVs), parachutes, paragliders, para-motors, etc. Iranian Revolutionary Guard Corps IRGC) has boasted of using these products as part of its asymmetric warfare doctrine)**
- 2. Pars Aviation Services Company (maintains various aircraft including MI-171, used by IRGC Air Force)**
- 3. Sho'a' Aviation (produces micro-lights which IRGC has claimed it is using as part of its asymmetric warfare doctrine)**

## **Entities owned, controlled by or acting on behalf of the Islamic Revolutionary Guard Corps**

- 1. Fater (or Faater) Institute (Khatam al-Anbiya (KAA) subsidiary. Fater has worked with foreign suppliers, likely on behalf of other KAA companies on IRGC projects in Iran)**
- 2. Gharagahe Sazandegi Ghaem (owned or controlled by KAA)**
- 3. Ghorb Karbala (owned or controlled by KAA)**
- 4. Ghorb Nooh (owned or controlled by KAA)**
- 5. Hara Company (owned or controlled by Ghorb Nooh)**
- 6. Imensazan Consultant Engineers Institute (owned or controlled by, or acts on behalf of, KAA)**
- 7. Khatam al-Anbiya Construction Headquarters (KAA) (an IRGC-owned company involved in large scale civil and military construction projects and other engineering activities. It undertakes a significant amount of work on Passive Defense Organization projects. In particular, KAA subsidiaries were heavily involved in the construction of the uranium enrichment site at Qom/Fordow)**

# **THE RESTRICTED AND PROHIBITED END-USERS UNDER THE STRATEGIC TRADE ACT 2010 (as at 21st November 2014)**

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8. **Makin (owned or controlled by or acting on behalf of KAA, and is a subsidiary of KAA)**
9. **Omran Sahel (owned or controlled by Ghorb Nooh)**
10. **Oriental Oil Kish (owned or controlled by or acting on behalf of KAA)**
11. **Rah Sahel (owned or controlled by or acting on behalf of KAA)**
12. **Rahab Engineering Institute (owned or controlled by or acting on behalf of KAA, and is a subsidiary of KAA)**
13. **Sahel Consultant Engineers (owned or controlled by Ghorb Nooh)**
14. **Sepanir (owned or controlled by or acting on behalf of KAA)**
15. **Sepasad Engineering Company (owned or controlled by or acting on behalf of KAA)**

## **Entities owned, controlled by or acting on behalf of the Islamic Republic of Iran Shipping Lines (IRISL)**

1. **Irano Hind Shipping Company (Location: 18 Mehrshad Street, Sadaghat Street, Opposite of Park Mellat, Vali-e-Asr Ave., Tehran, Iran; 265, Next to Mehrshad, Sedaghat St., Opposite of Mellat Park, Vali Asr Ave., Tehran 1A001, Iran)**
2. **IRISL Benelux NV (Location: Noorderlaan 139, B-2030, Antwerp, Belgium; V.A.T. Number BE480224531 (Belgium))**
3. **South Shipping Line Iran (SSL) (Location: Apt. No. 7, 3rd Floor, No. 2, 4th Alley, Gandhi Ave., Tehran, Iran; Qaem Magham Farahani St., Tehran, Iran)**

## **3. COUNTRIES AND DESTINATIONS**

**-Nil-**

# **THE RESTRICTED AND PROHIBITED END-USERS UNDER THE STRATEGIC TRADE ACT 2010 (as at 21st November 2014)**

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## **THIRD SCHEDULE RESTRICTED MILITARY ITEMS**

### **Small arms and light weapons within ML1 and ML2**

1. Items specified in ML1.a, ML1.b, ML1.c or ML2.a in Part I of the Strategic Trade (Strategic Items) Order 2010 that are designed to be carried, operated and fired by an individual or by three or fewer individuals acting together, other than mortars with a calibre of 100mm or more.

### **Accessories and ammunition for small arms and light weapons within ML1 and ML2**

2. The following “military items”:
  - (a) accessories specified in ML1.d or ML2.c in Part I of the Strategic Trade (Strategic Items) Order 2010 that are capable of being used in connection with weapons falling within paragraph 1;
  - (b) weapon specified in ML5.a in Part I of Strategic Trade (Strategic Items) Order 2010 that are designed for use with weapons falling within paragraph 1; and
  - (c) ammunition that is capable of being fired or launched by weapons falling within paragraph 1.

### **Light weapons within ML4**

3. Equipment specified in entry ML4.b in Part I of the Strategic Trade (Strategic Items) Order 2010 that is—
  - (a) specially designed for firing or launching rockets, grenades, missiles or other explosive devices; and
  - (b) *designed* to be carried, operated and fired by an individual or by three or fewer individuals acting together.

### **Ammunition for light weapons within ML4**

4. Rockets, grenades, missiles and other explosive devices that are—

# **THE RESTRICTED AND PROHIBITED END-USERS UNDER THE STRATEGIC TRADE ACT 2010 (as at 21st November 2014)**

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- (a) *specified* in entry ML4 in Part I of the Strategic Trade (Strategic Items) Order 2010; and
- (b) capable of being fired or launched from equipment falling within paragraph 3.

## **Hand grenades**

- 5. Grenades specified in entry ML4 in Part I of the Strategic Trade (Strategic Items) Order 2010 that are designed to be thrown.

## **Man-portable air defence systems (MANPADS), missiles for MANPADS, associated equipment and their specially designed components**

- 6. The following military items which do not fall in paragraph 3 or 4:
  - (a) man-portable air defence systems (MANPADS), as follows:
    - (i) surface-to-air missile systems designed to be man-portable and operated and fired by a single individual; and
    - (ii) surface-to-air missile systems designed to be operated and fired by more than one individual acting as a crew and portable by several individuals;
  - (b) missiles for MANPADS;
  - (c) production equipment specially designed for MANPADS;
  - (d) field test equipment specially designed for MANPADS; and
  - (e) specialized training equipment and simulators for MANPADS.

## **Long-range missiles**

- 7. Missiles capable of a range of 300km or more that fall within Part I of the Strategic Trade (Strategic Items) Order 2010.

## **Components for items within this Schedule**

- 8. Components specially designed for military items falling within any of paragraphs 1 to 7.